

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045511.D
 Acq On : 02 Nov 2021 13:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 02 14:02:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/03/2021
 Supervised By : Semsettin Yesilyurt 11/09/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.378	168	198641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	358576	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	338092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	166489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	153466	47.455	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.900%			
35) Dibromofluoromethane	5.295	113	115016	50.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	7.902	98	454203	50.802	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.600%			
62) 4-Bromofluorobenzene	10.635	95	176159	51.706	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	135877	46.721	ug/l	100
3) Chloromethane	1.520	50	168116	42.532	ug/l	100
4) Vinyl Chloride	1.607	62	158873	48.417	ug/l	100
5) Bromomethane	1.861	94	86655	43.501	ug/l	99
6) Chloroethane	1.935	64	65003	32.880	ug/l	98
7) Trichlorofluoromethane	2.141	101	145513	39.608	ug/l	99
8) Diethyl Ether	2.378	74	65887	38.681	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.584	101	113487	51.416	ug/l	100
10) Methyl Iodide	2.726	142	92680	44.728	ug/l	99
11) Tert butyl alcohol	3.227	59	180798	259.003	ug/l	98
12) 1,1-Dichloroethene	2.584	96	112990	49.788	ug/l	97
13) Acrolein	2.494	56	27197	174.078	ug/l	100
14) Allyl chloride	2.928	41	211973	50.866	ug/l	99
15) Acrylonitrile	3.324	53	418277	247.146	ug/l	99
16) Acetone	2.645	43	432968	294.905	ug/l	99
17) Carbon Disulfide	2.800	76	330078	49.978	ug/l	100
18) Methyl Acetate	2.954	43	266956	48.828	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	417691	50.023	ug/l	100
20) Methylene Chloride	3.050	84	135680	46.378	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	121585	49.716	ug/l	99
22) Diisopropyl ether	3.996	45	411871	50.542	ug/l	97
23) Vinyl Acetate	3.960	43	1614700	255.442	ug/l	100
24) 1,1-Dichloroethane	3.877	63	236778	49.584	ug/l	99
25) 2-Butanone	4.713	43	587900	265.252	ug/l	100
26) 2,2-Dichloropropane	4.671	77	194976	52.704	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	140423	49.898	ug/l	98
28) Bromochloromethane	4.980	49	113637	48.244	ug/l	100
29) Tetrahydrofuran	5.057	42	348981	242.793	ug/l	99
30) Chloroform	5.095	83	229483	49.562	ug/l	98
31) Cyclohexane	5.394	56	230005	47.771	ug/l	100
32) 1,1,1-Trichloroethane	5.320	97	190740	50.194	ug/l	99
36) 1,1-Dichloropropene	5.529	75	174432	51.103	ug/l	99
37) Ethyl Acetate	4.806	43	204413	49.449	ug/l	100
38) Carbon Tetrachloride	5.529	117	152866	51.350	ug/l	98
39) Methylcyclohexane	6.767	83	223211	52.586	ug/l	98
40) Benzene	5.780	78	523193	50.920	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	112183	51.278	ug/l	99
42) 1,2-Dichloroethane	5.800	62	184930	49.005	ug/l	99
43) Isopropyl Acetate	5.915	43	317324	50.936	ug/l	99
44) Trichloroethene	6.546	130	124705	52.365	ug/l	99
45) 1,2-Dichloropropane	6.796	63	137675	50.914	ug/l	99
46) Dibromomethane	6.922	93	90447	51.370	ug/l	99
47) Bromodichloromethane	7.111	83	179133	51.696	ug/l	100
48) Methyl methacrylate	6.964	41	149068	50.483	ug/l	99
49) 1,4-Dioxane	7.018	88	89284	1189.749	ug/l #	97
51) 4-Methyl-2-Pentanone	7.796	43	1015984	252.320	ug/l	99
52) Toluene	7.973	92	324099	51.889	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	210928	53.407	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	225008	53.199	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	128755	50.466	ug/l	99
56) Ethyl methacrylate	8.336	69	218197	46.846	ug/l	99
57) 1,3-Dichloropropane	8.581	76	228034	50.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	578553	247.397	ug/l	99
59) 2-Hexanone	8.687	43	816290	261.653	ug/l	100
60) Dibromochloromethane	8.816	129	126493	51.661	ug/l	99
61) 1,2-Dibromoethane	8.928	107	136194	50.964	ug/l	100
64) Tetrachloroethene	8.558	164	101287	52.410	ug/l	99
65) Chlorobenzene	9.452	112	326092	50.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	111144	51.391	ug/l	99
67) Ethyl Benzene	9.574	91	616829	52.530	ug/l	100
68) m/p-Xylenes	9.697	106	473601	106.849	ug/l	100
69) o-Xylene	10.105	106	229664	53.138	ug/l	100
70) Styrene	10.118	104	394083	49.326	ug/l	99
71) Bromoform	10.295	173	92038	47.168	ug/l #	100
73) Isopropylbenzene	10.487	105	595162	53.016	ug/l	100
74) N-amyl acetate	10.323	43	272751	46.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	224663	50.423	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	209934m	47.326	ug/l	
77) Bromobenzene	10.787	156	138020	52.693	ug/l	99
78) n-propylbenzene	10.909	91	742684	54.568	ug/l	100
79) 2-Chlorotoluene	10.989	91	433325	52.895	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	516870	54.717	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	75972	47.962	ug/l	98
82) 4-Chlorotoluene	11.098	91	505209	54.231	ug/l	100
83) tert-Butylbenzene	11.423	119	490252	53.766	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	512897	54.189	ug/l	99
85) sec-Butylbenzene	11.648	105	653621	54.625	ug/l	100
86) p-Isopropyltoluene	11.796	119	542945	51.215	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	271564	52.522	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	272970	51.627	ug/l	99
89) n-Butylbenzene	12.211	91	533237	51.369	ug/l	100
90) Hexachloroethane	12.481	117	87240	51.080	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	267180	51.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	54675	51.090	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	189506	54.721	ug/l	100
94) Hexachlorobutadiene	14.024	225	68948	54.679	ug/l	100
95) Naphthalene	14.089	128	694831	50.746	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	189972	54.421	ug/l	99

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ClientSampleId :
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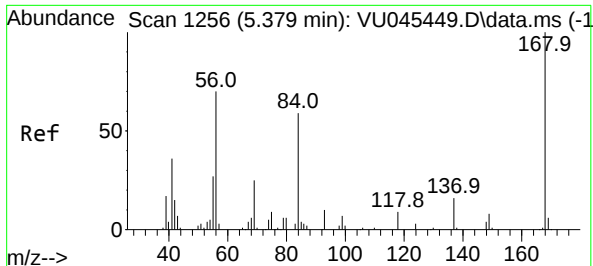
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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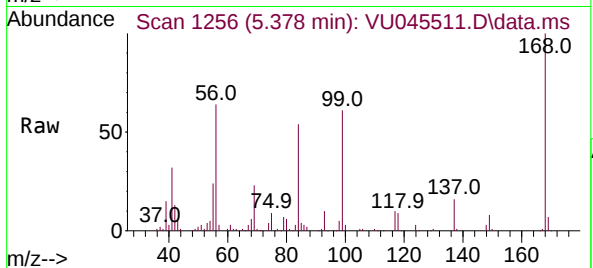
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045511.D
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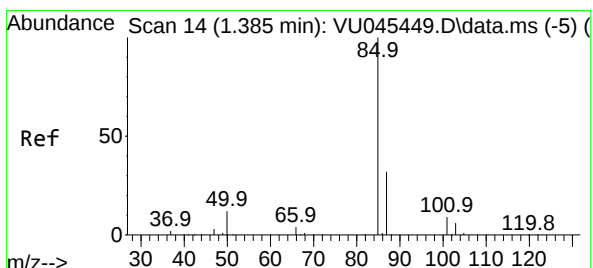
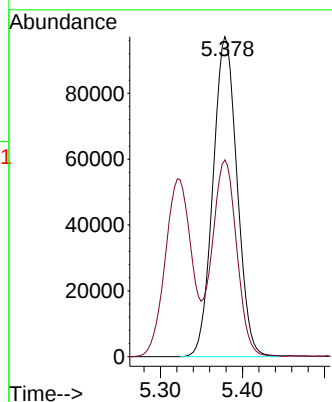
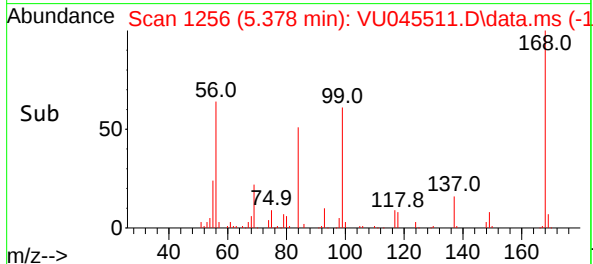
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 19864
Ion Ratio Lower Upper
168 100
99 61.3 51.0 76.6

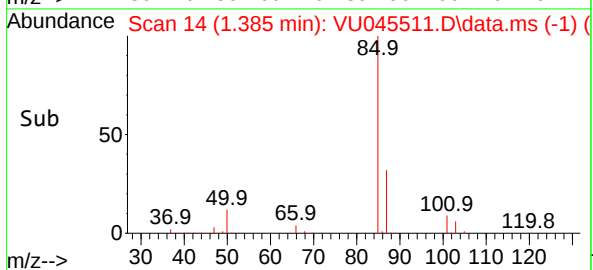
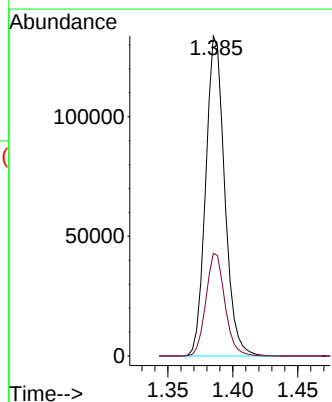
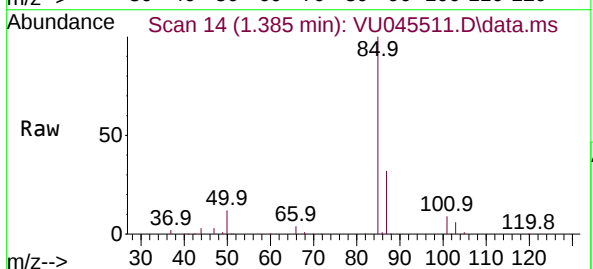
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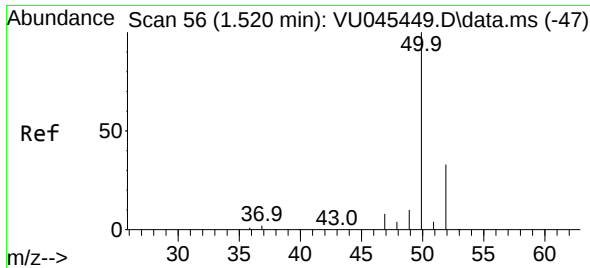
Reviewed By :John Carlone 11/03/2021
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#2
Dichlorodifluoromethane
Concen: 46.721 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

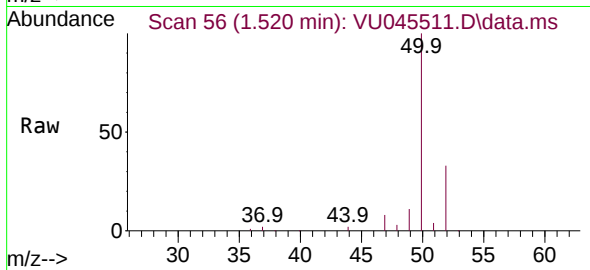
Tgt Ion: 85 Resp: 135877
Ion Ratio Lower Upper
85 100
87 32.1 15.9 47.7





#3
Chloromethane
Concen: 42.532 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

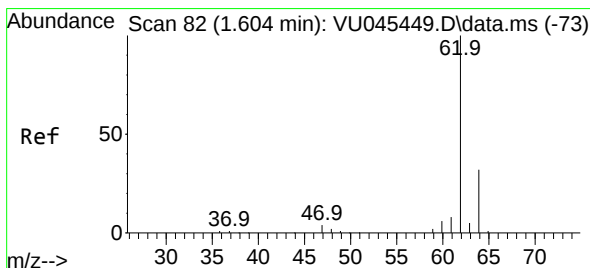
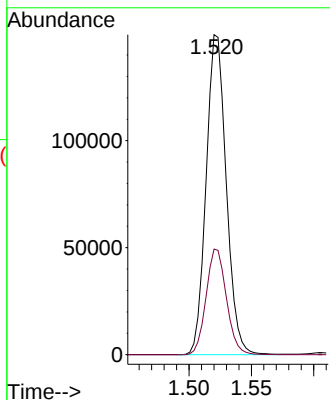
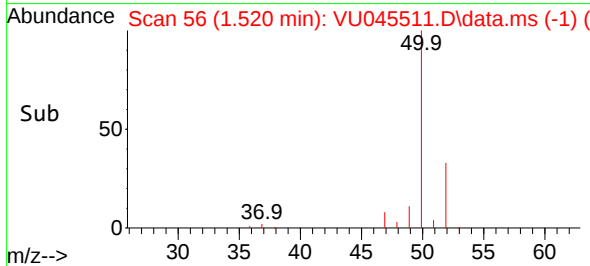
Instrument :
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Tgt Ion: 50 Resp: 168110
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0

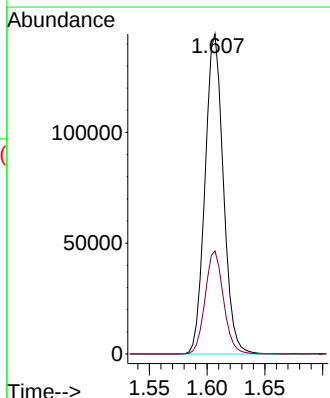
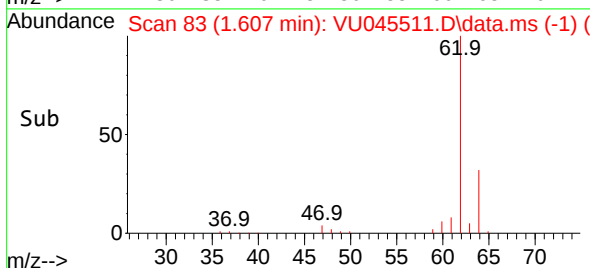
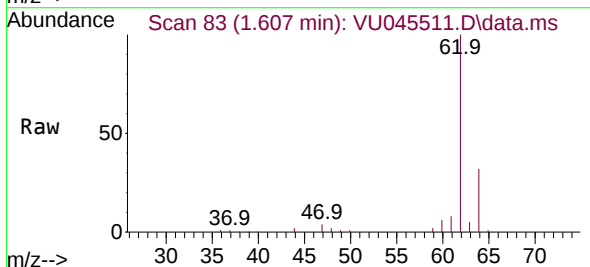
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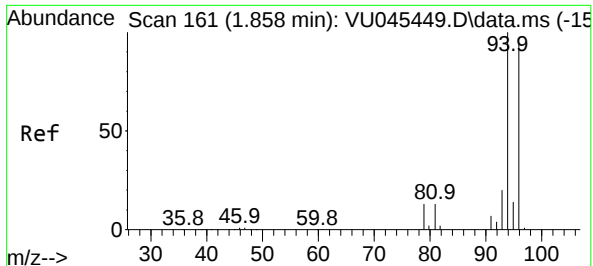
Reviewed By :John Carlone 11/03/2021
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#4
Vinyl Chloride
Concen: 48.417 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

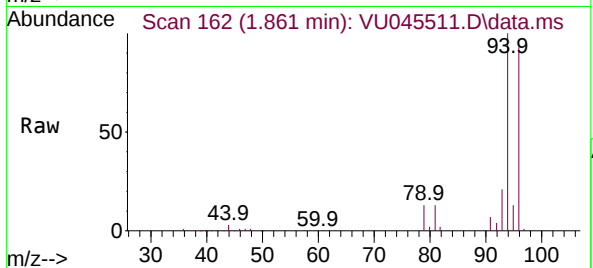
Tgt Ion: 62 Resp: 158873
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 43.501 ug/l
RT: 1.861 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

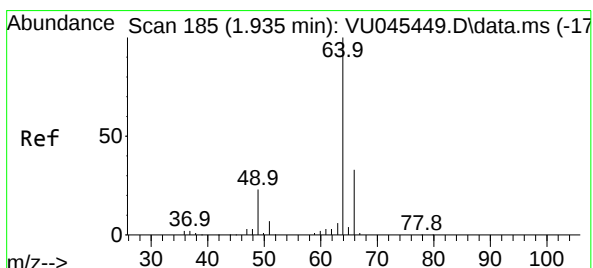
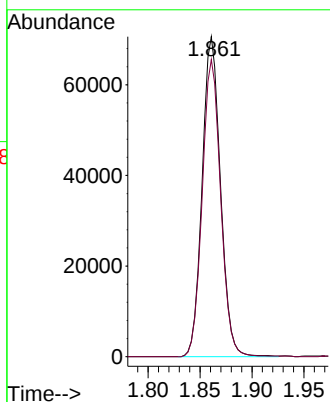
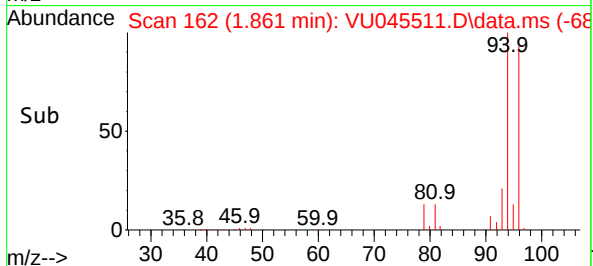
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Tgt Ion: 94 Resp: 8665
Ion Ratio Lower Upper
94 100
96 92.9 75.4 113.2

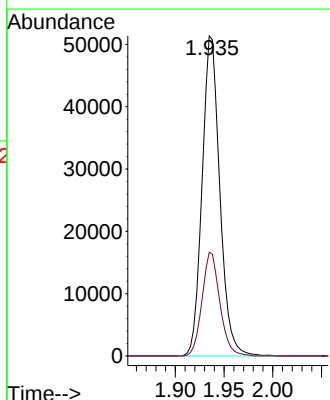
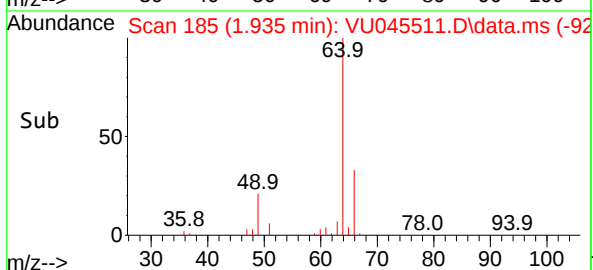
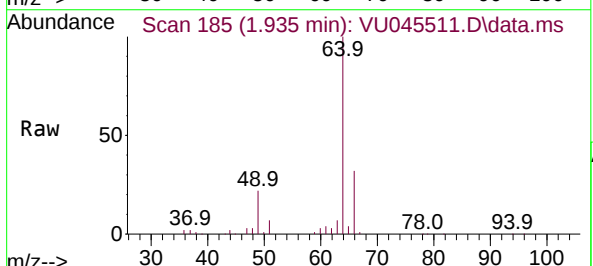
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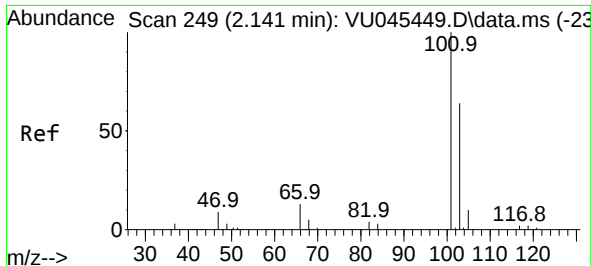
Reviewed By :John Carlone 11/03/2021
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#6
Chloroethane
Concen: 32.880 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU045511.D
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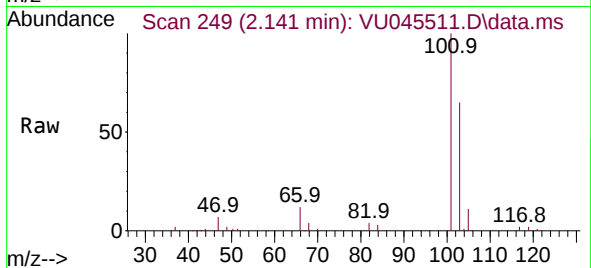
Tgt Ion: 64 Resp: 65003
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1





#7
Trichlorofluoromethane
Concen: 39.608 ug/l
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

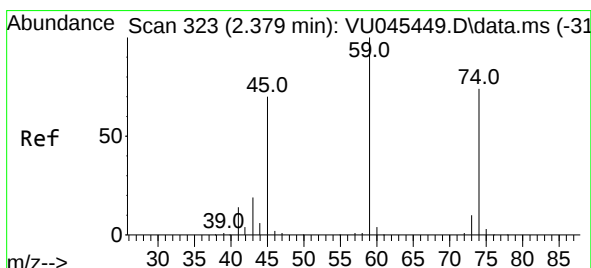
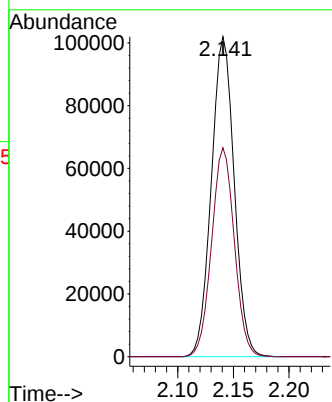
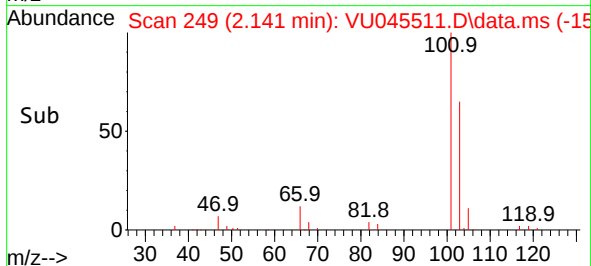
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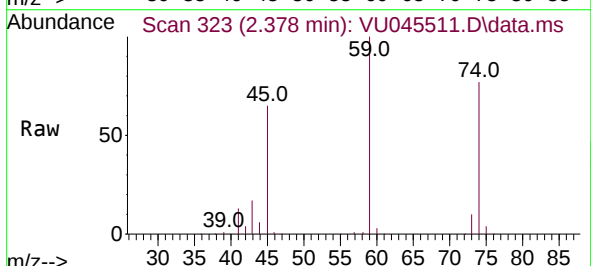
Tgt Ion:101 Resp: 14551
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

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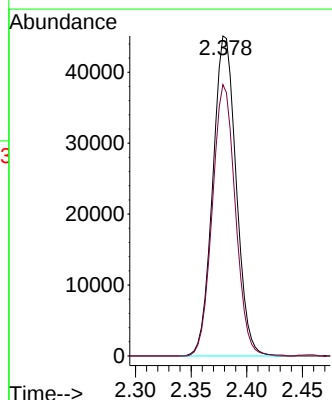
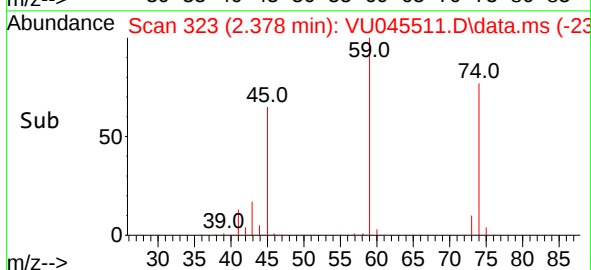
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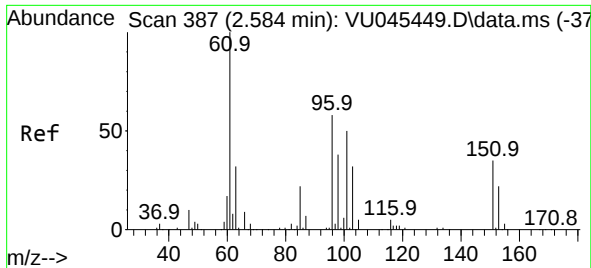


#8
Diethyl Ether
Concen: 38.681 ug/l
RT: 2.378 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33



Tgt Ion: 74 Resp: 65887
Ion Ratio Lower Upper
74 100
45 83.5 47.3 141.8





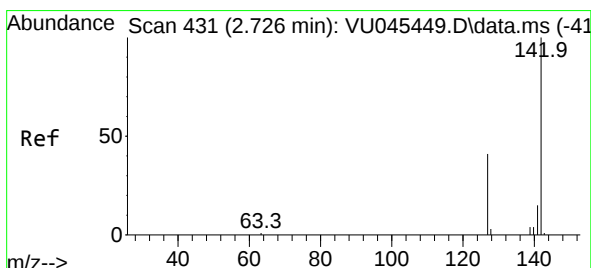
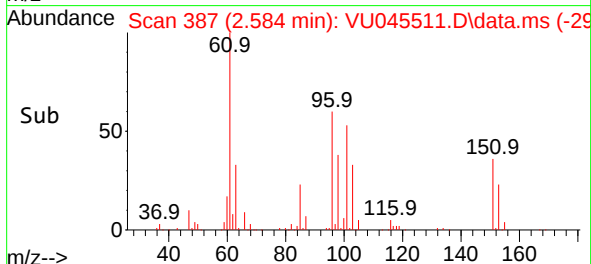
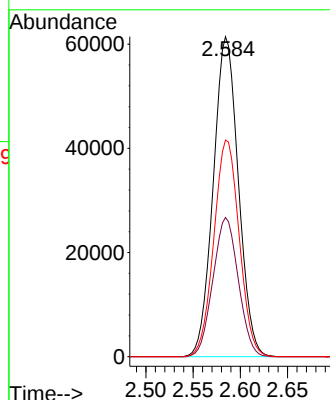
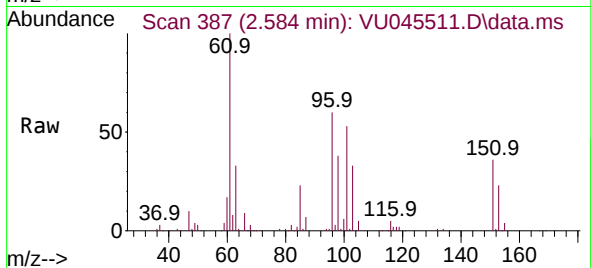
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.416 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Instrument :
MSVOA_U
Client Sample Id :
VSTDCCC050

Tgt Ion:101 Resp: 11348
Ion Ratio Lower Upper
101 100
85 43.9 35.0 52.4
151 68.4 54.6 82.0

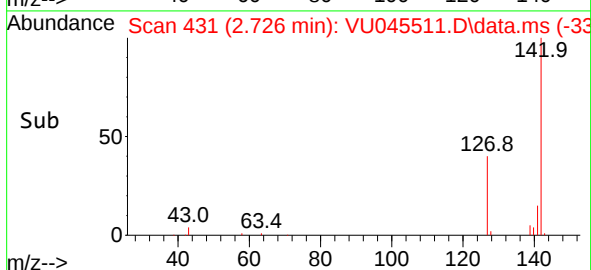
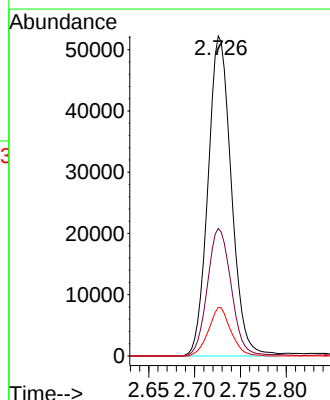
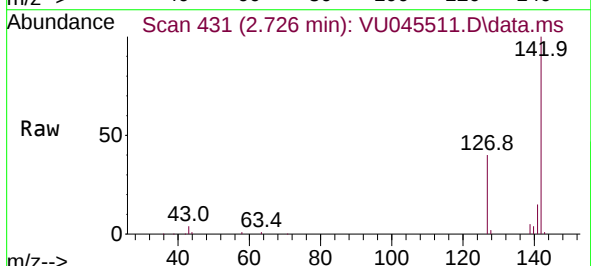
Manual Integrations
APPROVED

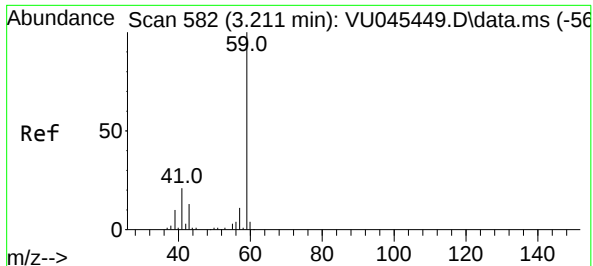
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#10
Methyl Iodide
Concen: 44.728 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

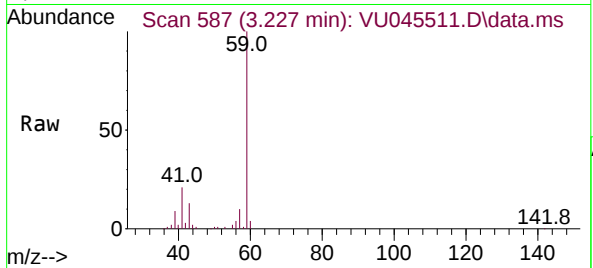
Tgt Ion:142 Resp: 92680
Ion Ratio Lower Upper
142 100
127 40.6 32.2 48.2
141 14.4 11.3 16.9





#11
Tert butyl alcohol
Concen: 259.003 ug/l
RT: 3.227 min Scan# 582
Delta R.T. 0.016 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

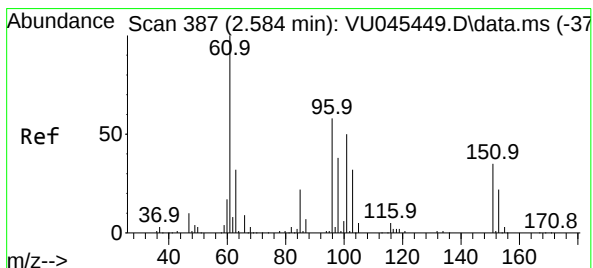
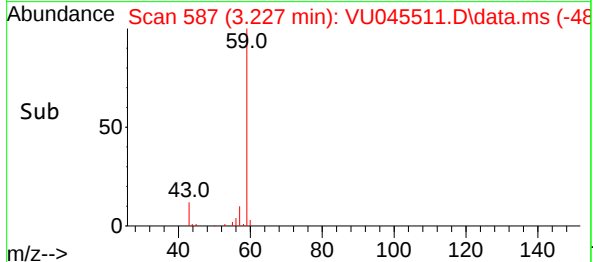
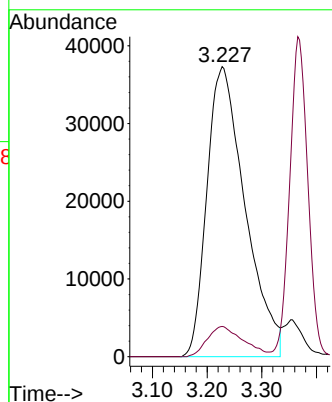
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 180798
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

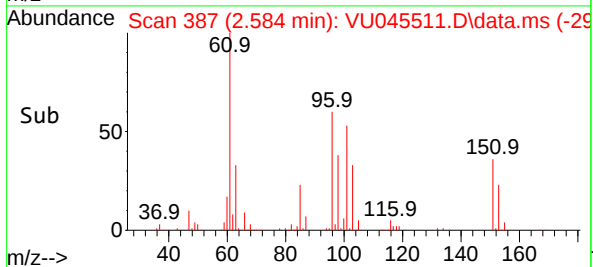
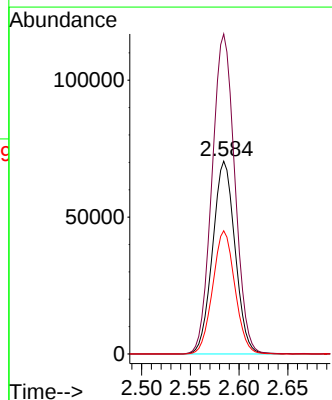
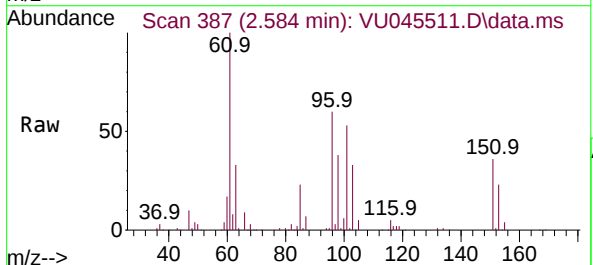
Manual Integrations
APPROVED

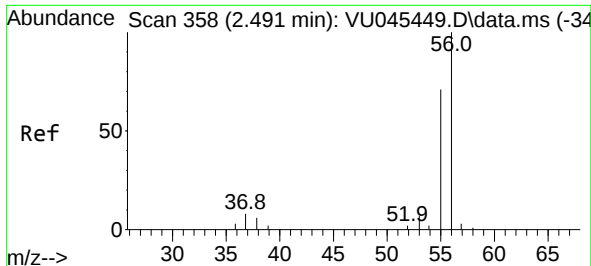
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#12
1,1-Dichloroethene
Concen: 49.788 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

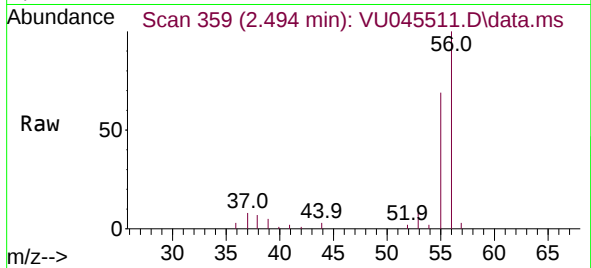
Tgt Ion: 96 Resp: 112990
Ion Ratio Lower Upper
96 100
61 166.0 137.1 205.7
98 63.9 51.5 77.3





#13
Acrolein
Concen: 174.078 ug/l
RT: 2.494 min Scan# 359
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

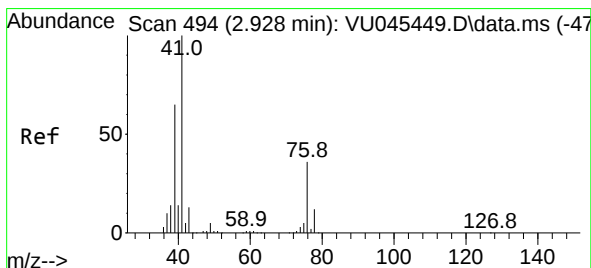
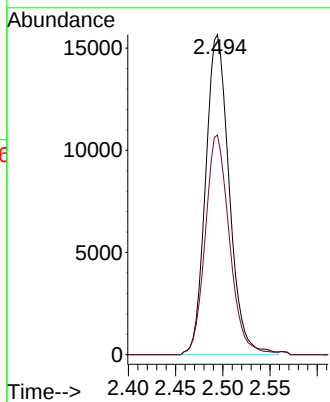
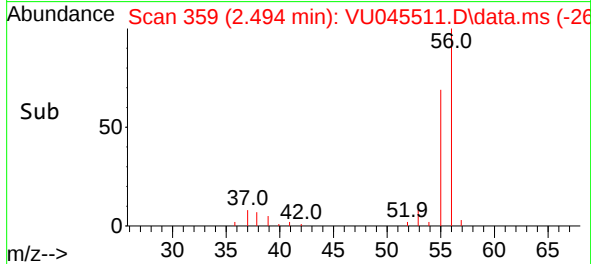
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 2719
Ion Ratio Lower Upper
56 100
55 70.6 56.3 84.5

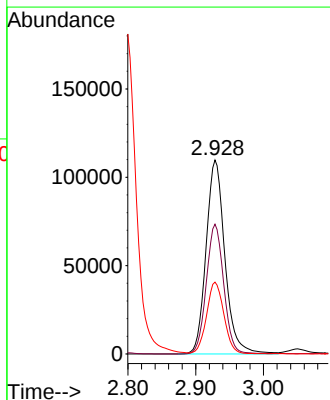
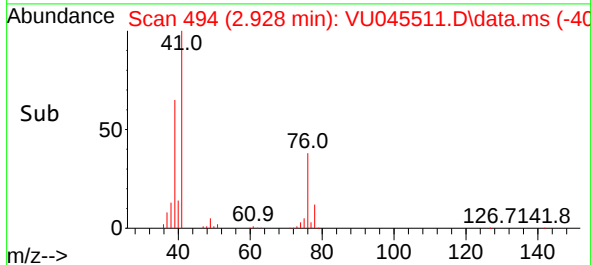
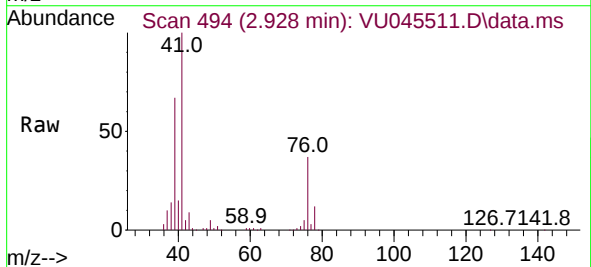
Manual Integrations
APPROVED

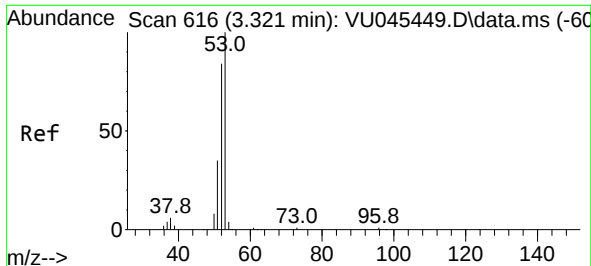
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#14
Allyl chloride
Concen: 50.866 ug/l
RT: 2.928 min Scan# 494
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

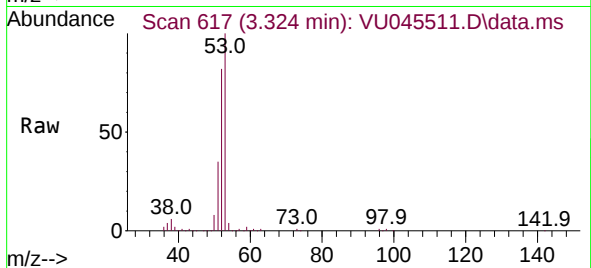
Tgt Ion: 41 Resp: 211973
Ion Ratio Lower Upper
41 100
39 61.8 49.7 74.5
76 34.0 27.7 41.5





#15
Acrylonitrile
Concen: 247.146 ug/l
RT: 3.324 min Scan# 616
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

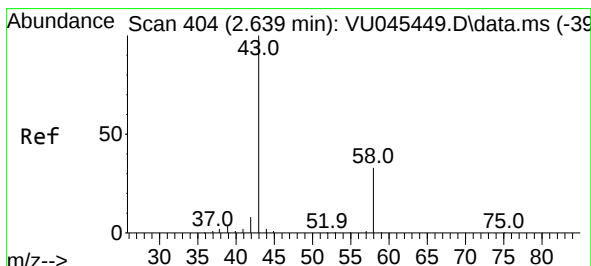
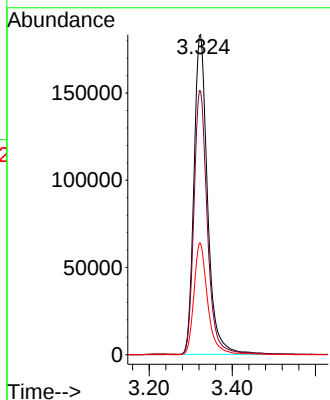
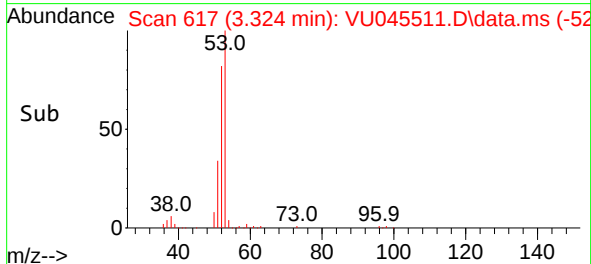
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



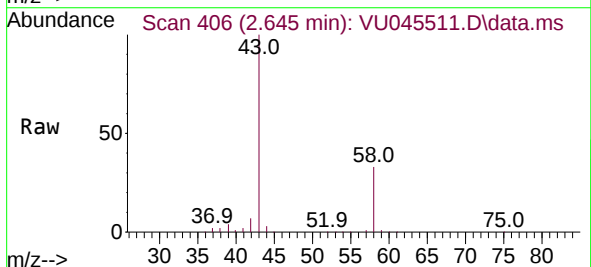
Tgt Ion: 53 Resp: 41827
Ion Ratio Lower Upper
53 100
52 82.3 66.6 100.0
51 34.8 28.4 42.6

Manual Integrations
APPROVED

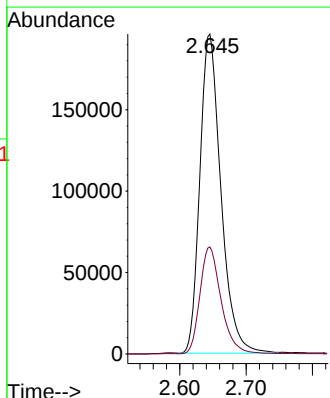
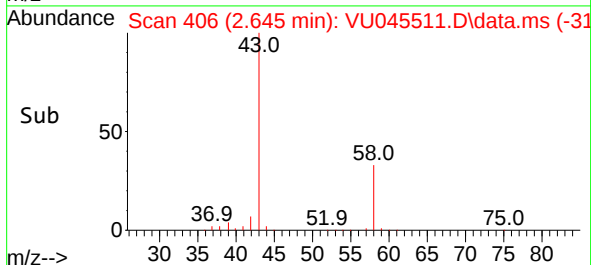
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

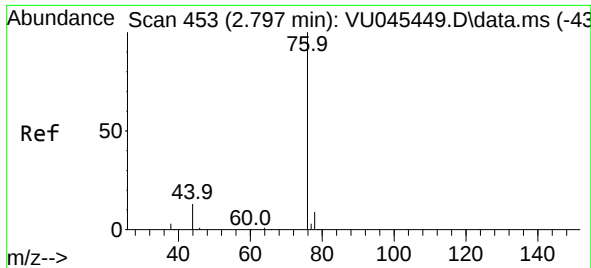


#16
Acetone
Concen: 294.905 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.006 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33



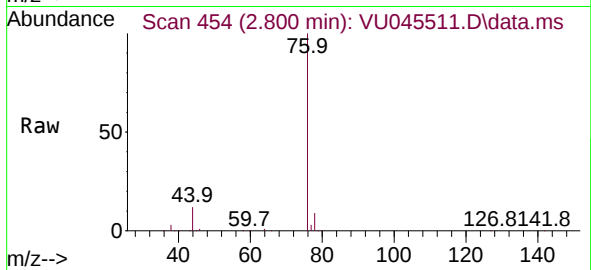
Tgt Ion: 43 Resp: 432968
Ion Ratio Lower Upper
43 100
58 33.5 26.2 39.2





#17
Carbon Disulfide
Concen: 49.978 ug/l
RT: 2.800 min Scan# 453
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

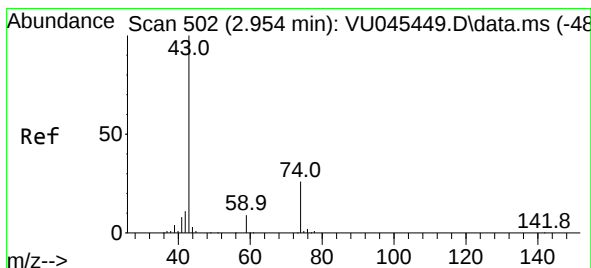
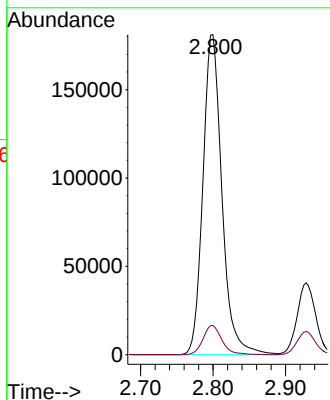
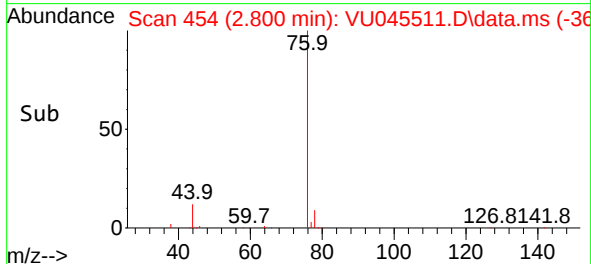
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 330078
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

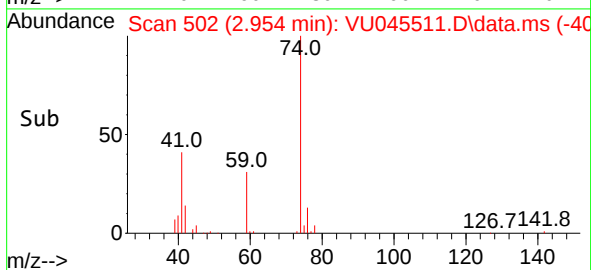
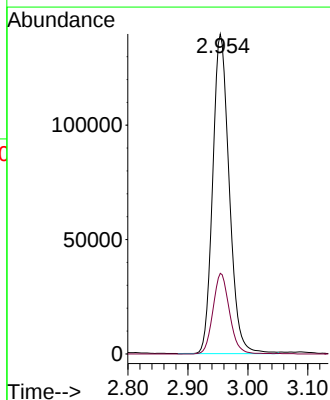
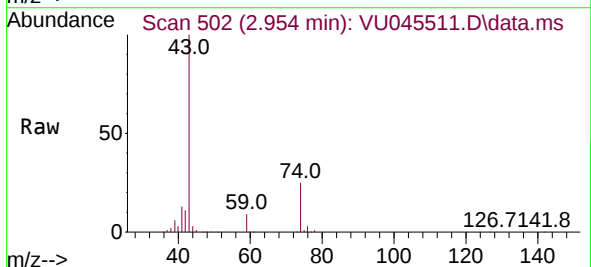
Manual Integrations
APPROVED

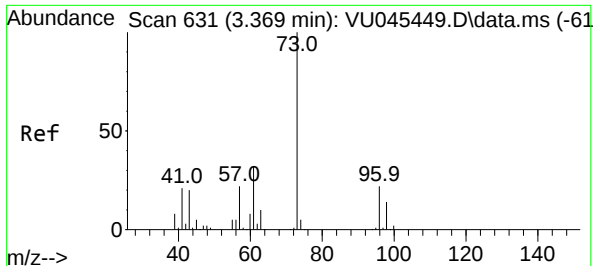
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#18
Methyl Acetate
Concen: 48.828 ug/l
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion: 43 Resp: 266956
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 50.023 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 41769

Ion Ratio Lower Upper

73 100

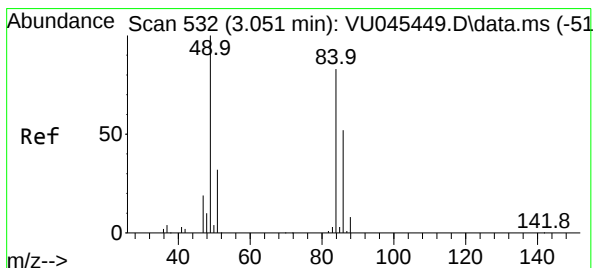
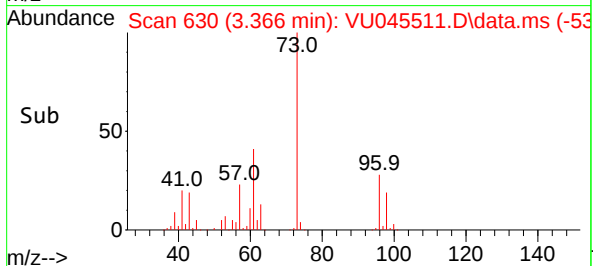
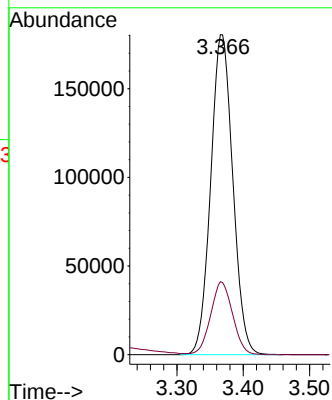
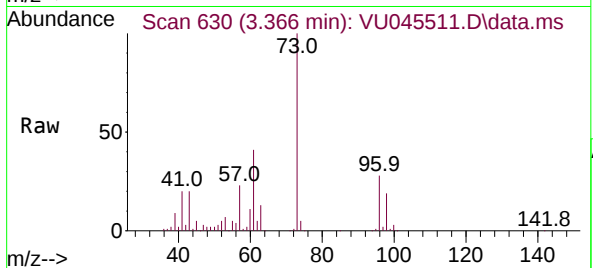
57 22.8 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#20

Methylene Chloride

Concen: 46.378 ug/l

RT: 3.050 min Scan# 532

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Tgt Ion: 84 Resp: 135680

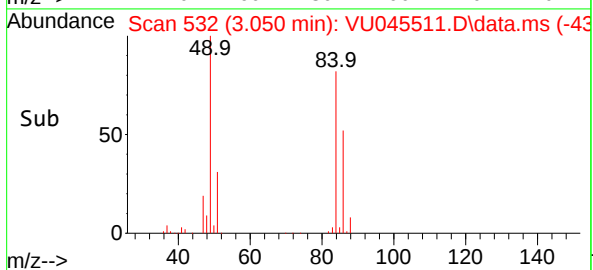
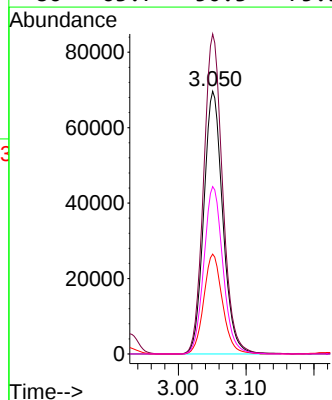
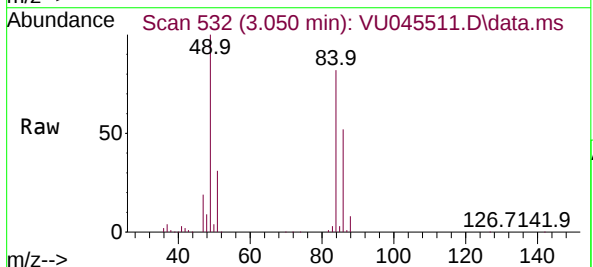
Ion Ratio Lower Upper

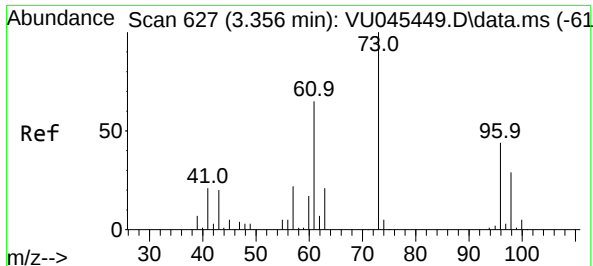
84 100

49 121.8 96.4 144.6

51 38.0 30.5 45.7

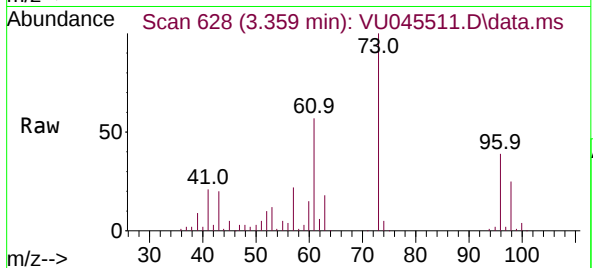
86 63.7 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 49.716 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

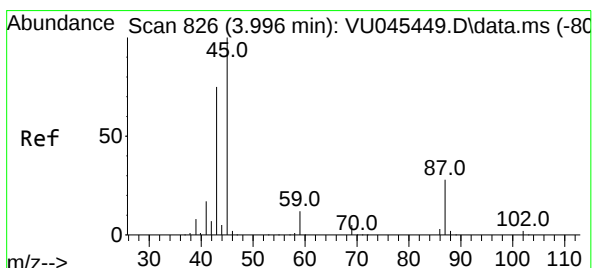
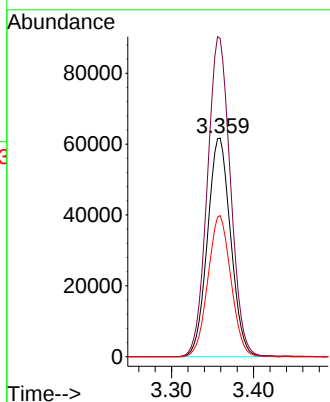
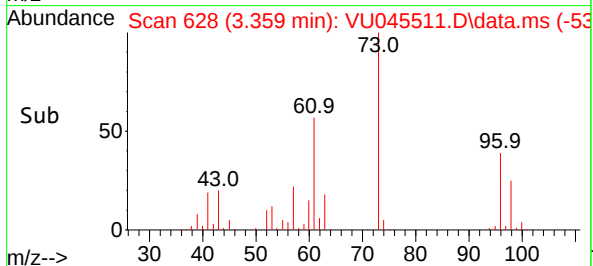
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 12158
Ion Ratio Lower Upper
96 100
61 145.5 118.2 177.4
98 64.6 52.1 78.1

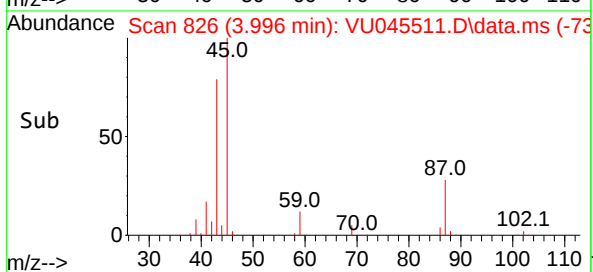
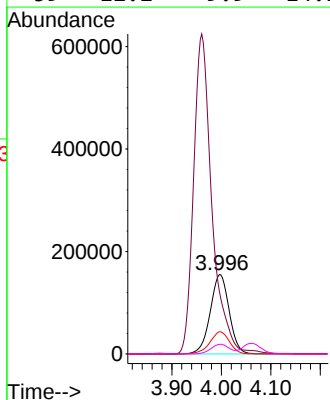
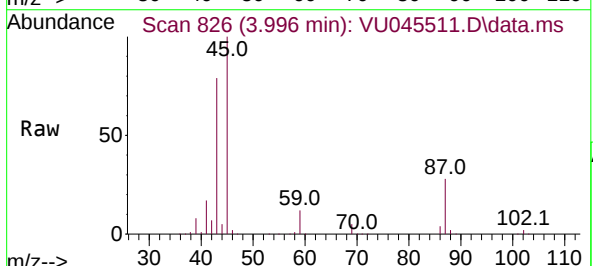
Manual Integrations
APPROVED

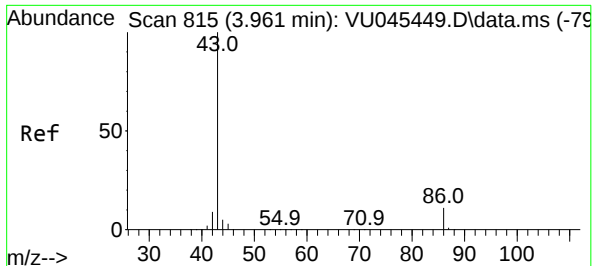
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#22
Diisopropyl ether
Concen: 50.542 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

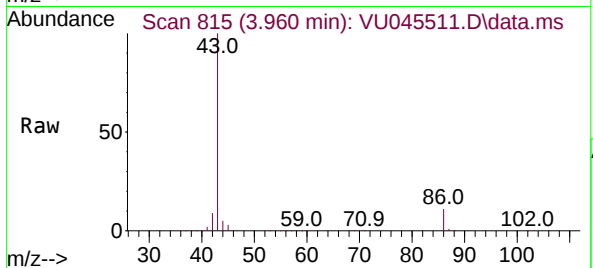
Tgt Ion: 45 Resp: 411871
Ion Ratio Lower Upper
45 100
43 78.7 60.0 90.0
87 28.0 22.3 33.5
59 12.2 9.9 14.9





#23
 Vinyl Acetate
 Concen: 255.442 ug/l
 RT: 3.960 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: VU045511.D
 Acq: 02 Nov 2021 13:33

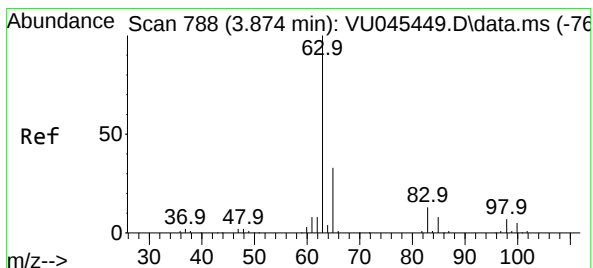
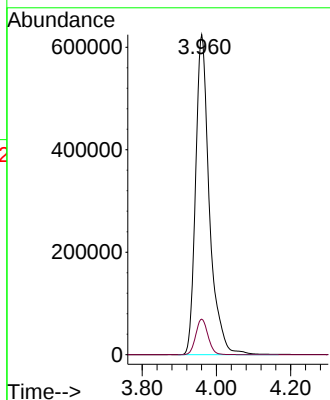
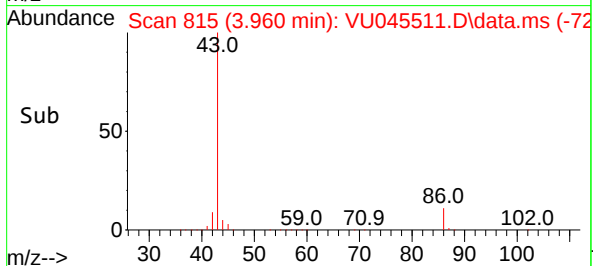
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



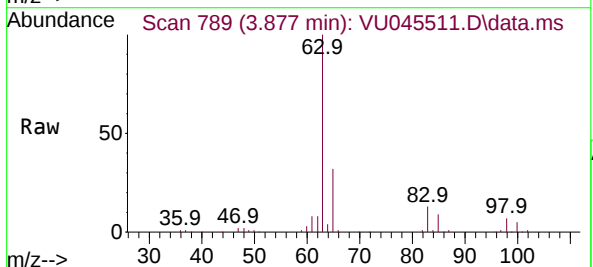
Tgt Ion: 43 Resp: 1614700
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3

Manual Integrations
 APPROVED

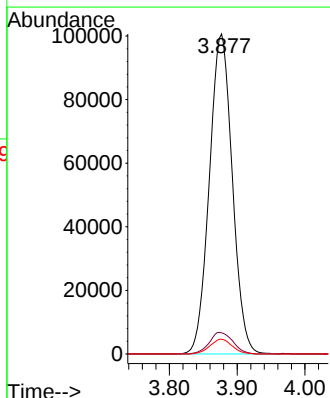
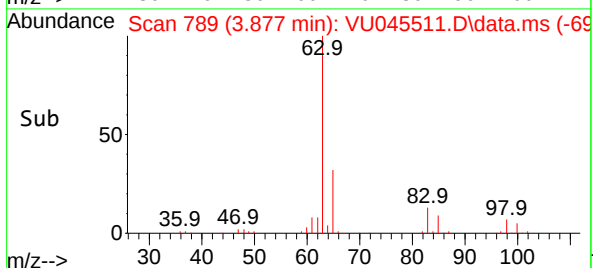
Reviewed By :John Carlone 11/03/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021

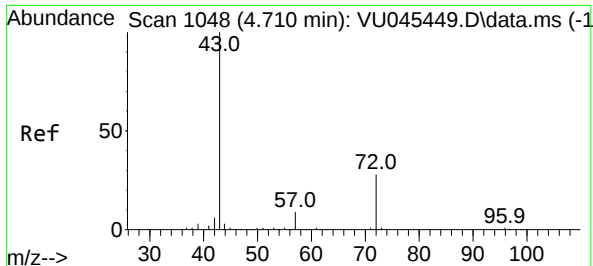


#24
 1,1-Dichloroethane
 Concen: 49.584 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.003 min
 Lab File: VU045511.D
 Acq: 02 Nov 2021 13:33



Tgt Ion: 63 Resp: 236778
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 265.252 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 587900

Ion Ratio Lower Upper

43 100

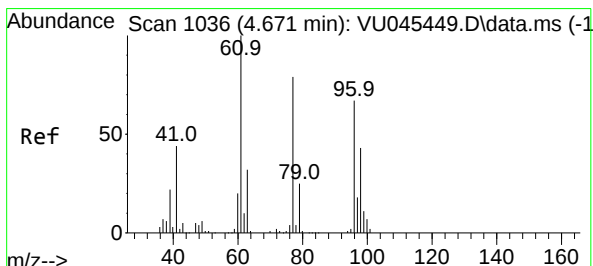
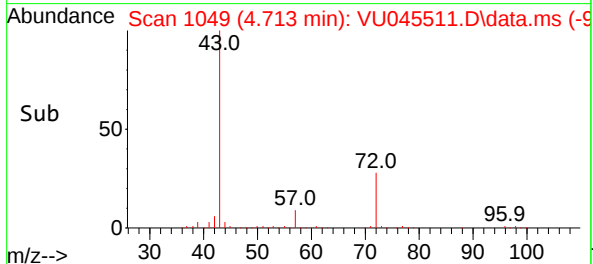
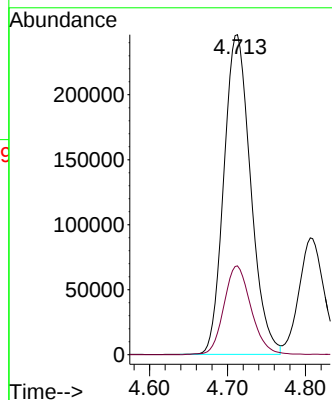
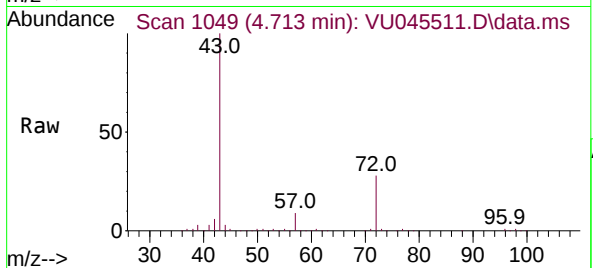
72 27.8 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#26

2,2-Dichloropropane

Concen: 52.704 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045511.D

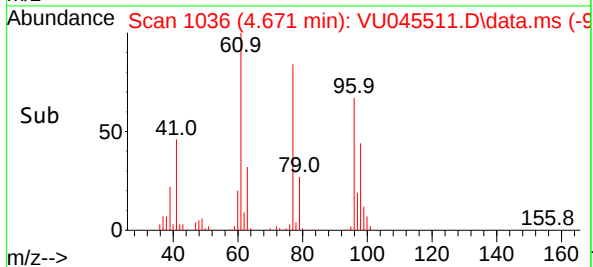
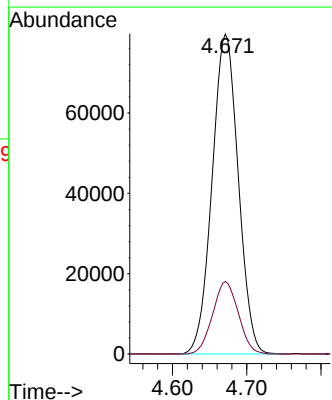
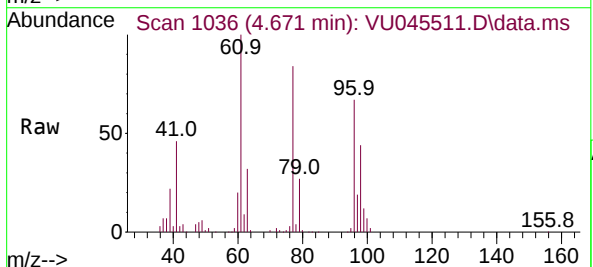
Acq: 02 Nov 2021 13:33

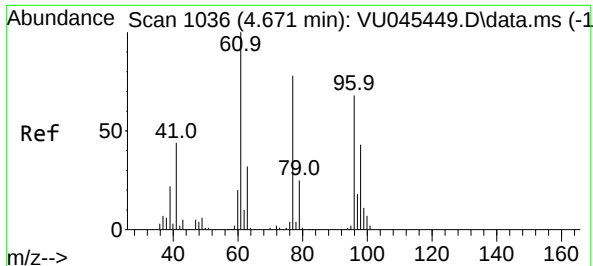
Tgt Ion: 77 Resp: 194976

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.898 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 14042

Ion Ratio Lower Upper

96 100

61 152.8 0.0 299.2

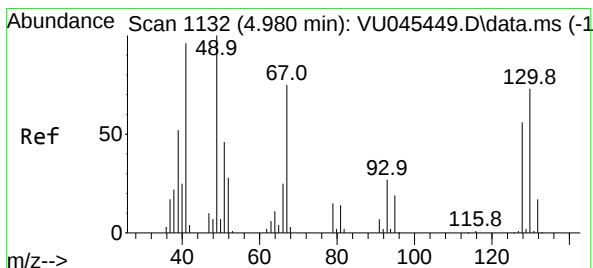
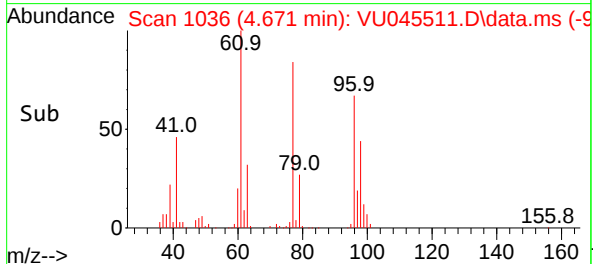
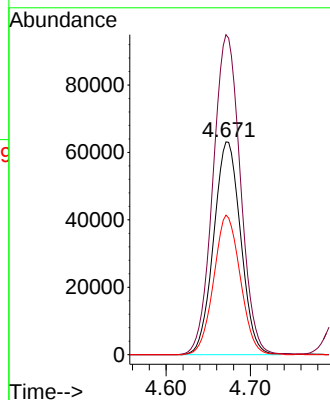
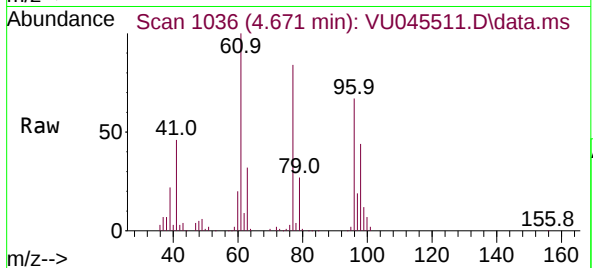
98 64.5 0.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#28

Bromochloromethane

Concen: 48.244 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

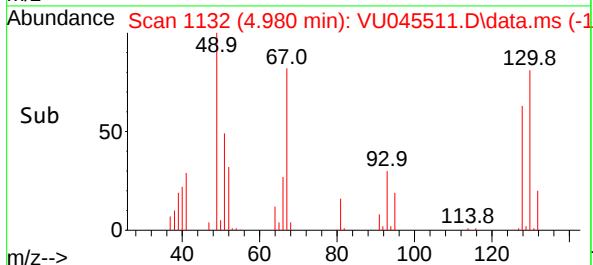
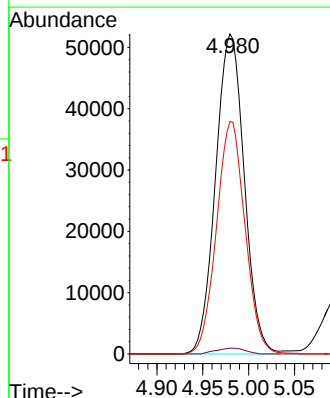
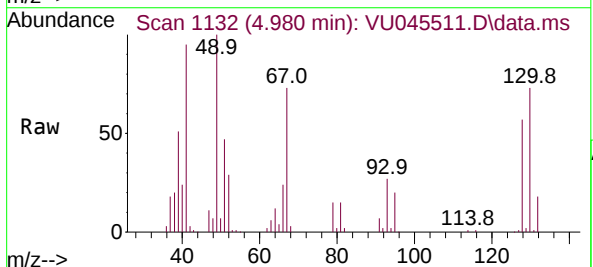
Tgt Ion: 49 Resp: 113637

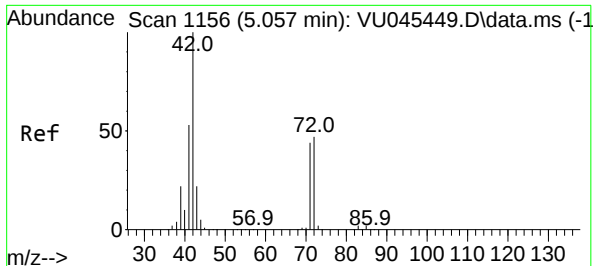
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.4

130 72.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 242.793 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 34898

Ion Ratio Lower Upper

42 100

72 48.4 38.2 57.4

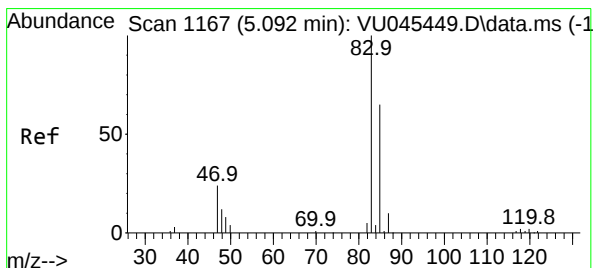
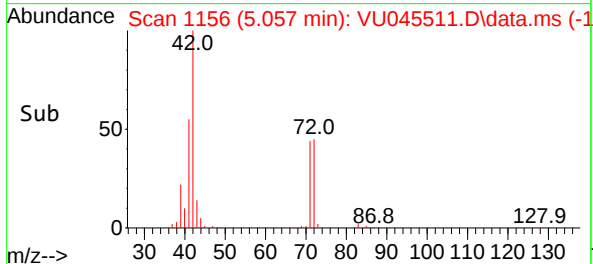
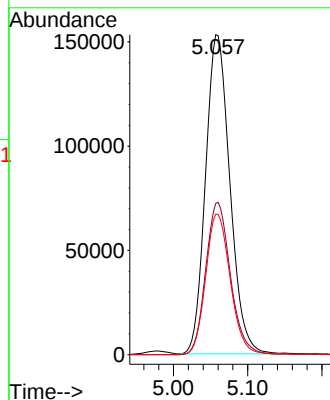
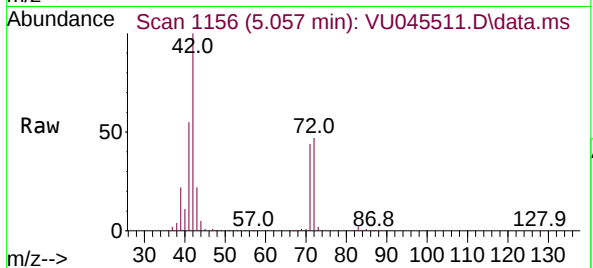
71 44.5 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#30

Chloroform

Concen: 49.562 ug/l

RT: 5.095 min Scan# 1168

Delta R.T. 0.003 min

Lab File: VU045511.D

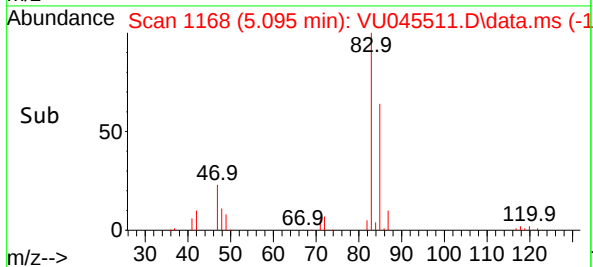
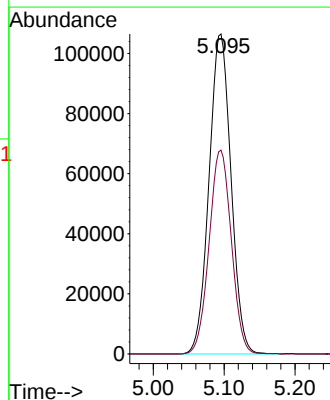
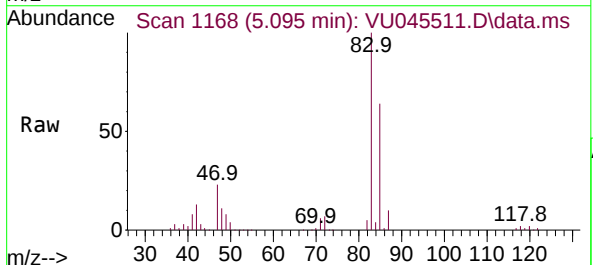
Acq: 02 Nov 2021 13:33

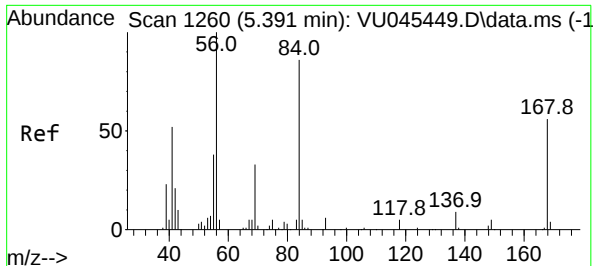
Tgt Ion: 83 Resp: 229483

Ion Ratio Lower Upper

83 100

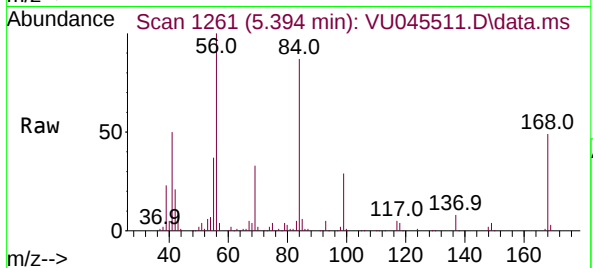
85 63.7 52.0 78.0





#31
Cyclohexane
Concen: 47.771 ug/l
RT: 5.394 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

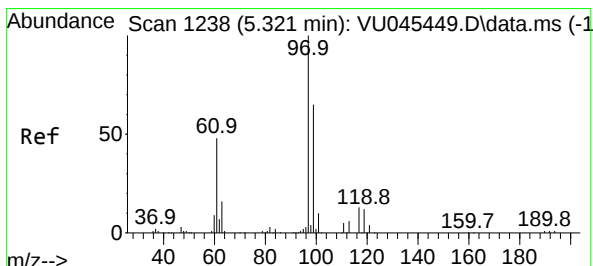
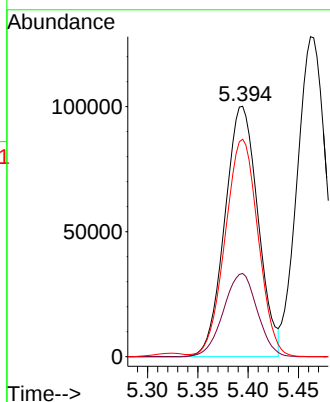
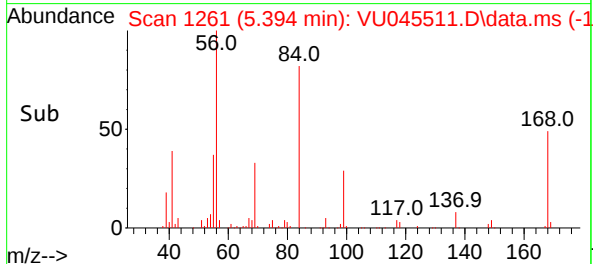
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 230000
Ion Ratio Lower Upper
56 100
69 33.3 26.4 39.6
84 85.6 68.4 102.6

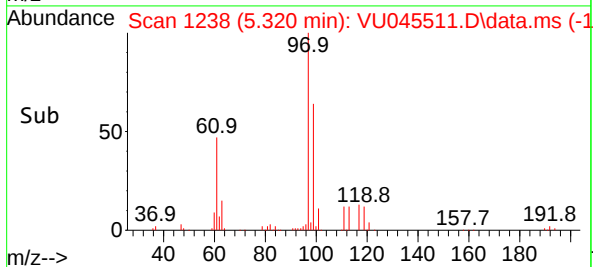
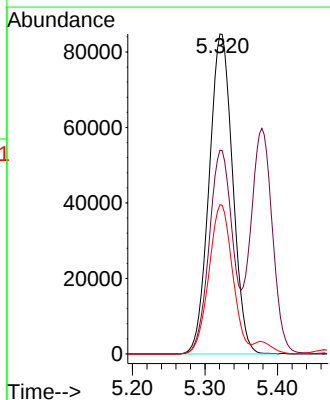
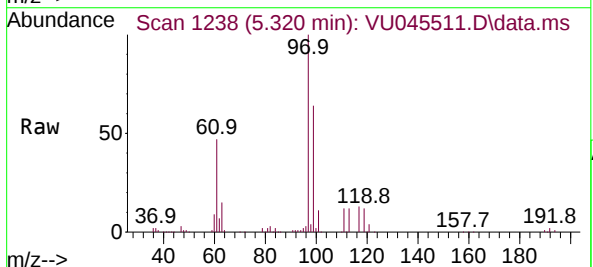
Manual Integrations
APPROVED

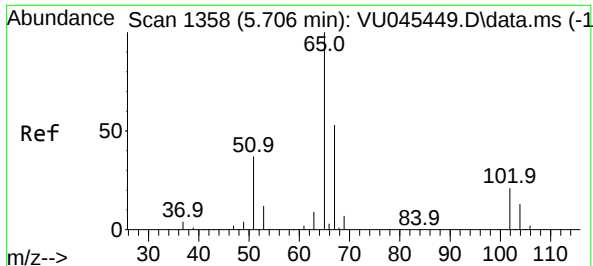
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#32
1,1,1-Trichloroethane
Concen: 50.194 ug/l
RT: 5.320 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion: 97 Resp: 190740
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 47.0 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 47.455 ug/l

RT: 5.706 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 153460

Ion Ratio Lower Upper

65 100

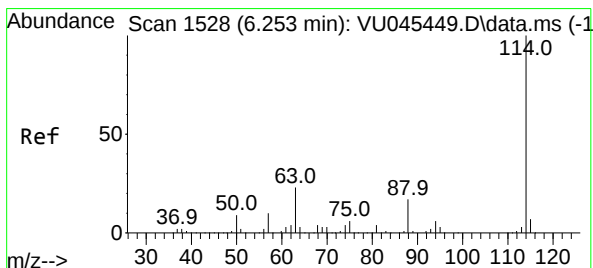
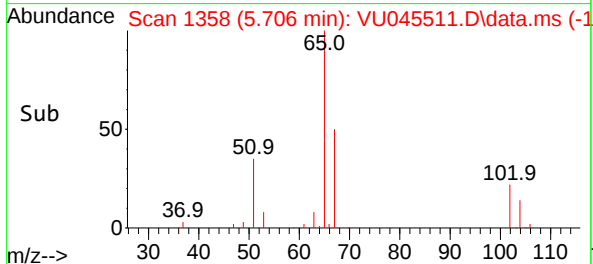
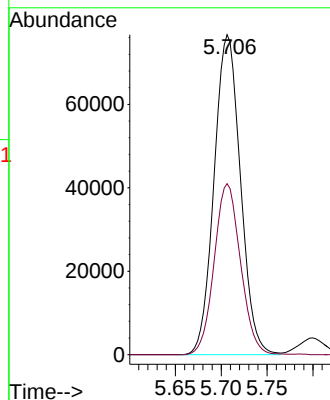
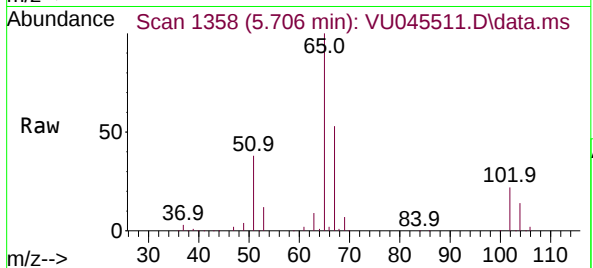
67 53.3 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

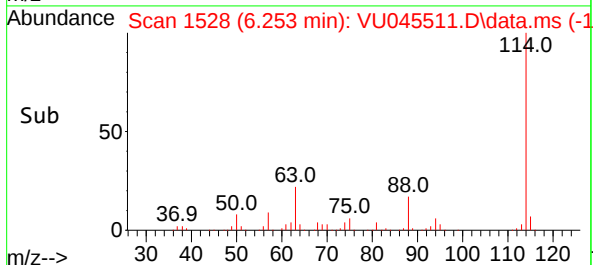
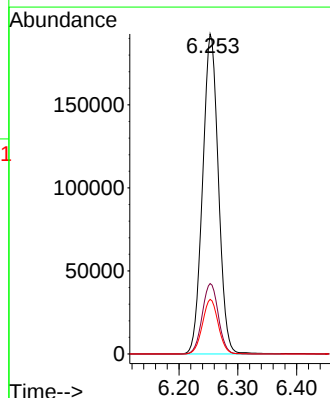
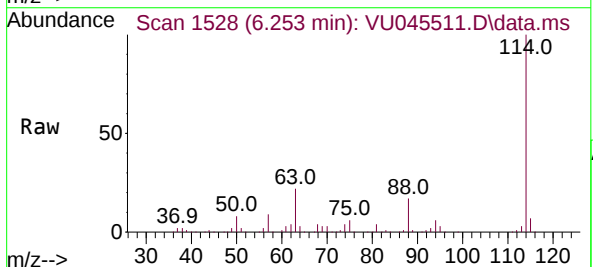
Tgt Ion:114 Resp: 358576

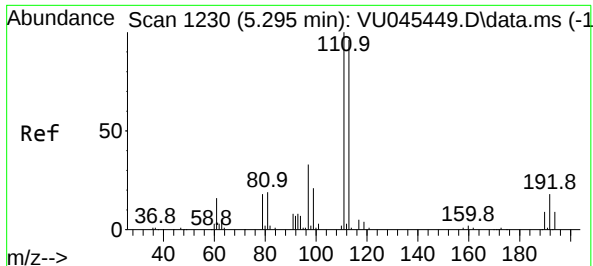
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.446 ug/l

RT: 5.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 115010

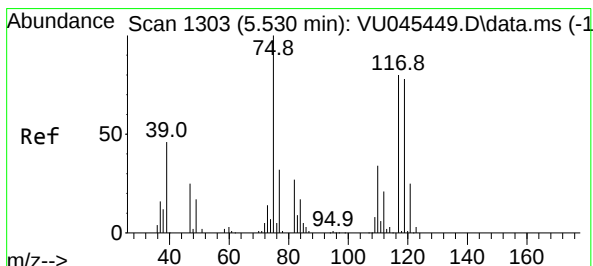
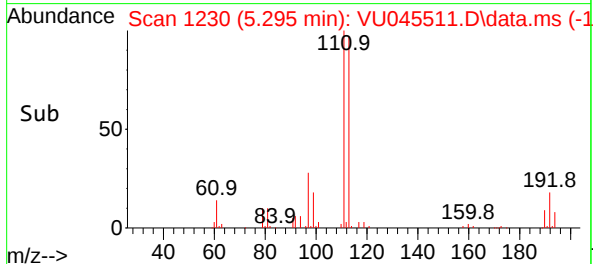
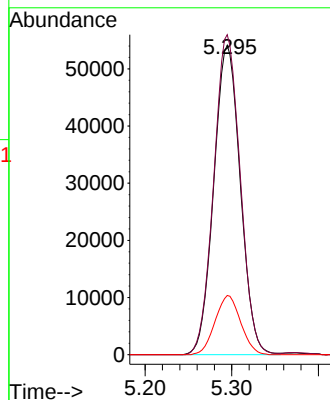
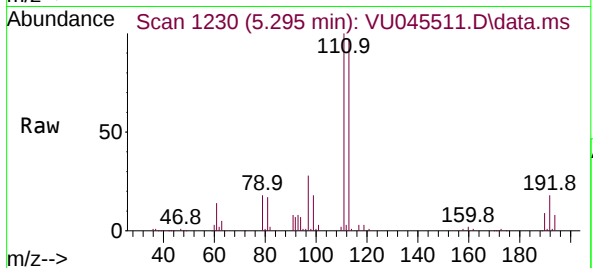
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	18.5	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#36

1,1-Dichloropropene

Concen: 51.103 ug/l

RT: 5.529 min Scan# 1303

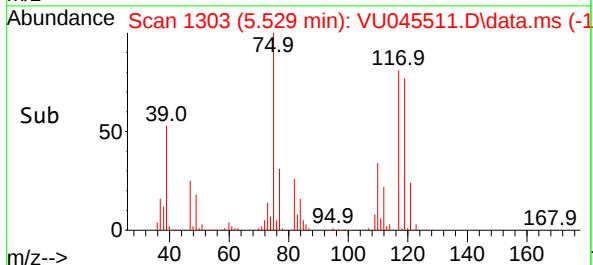
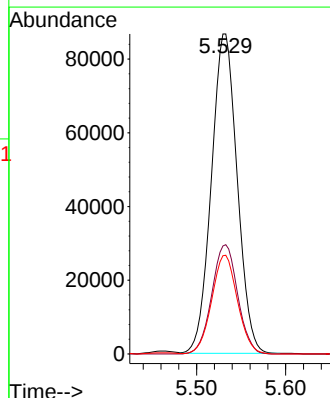
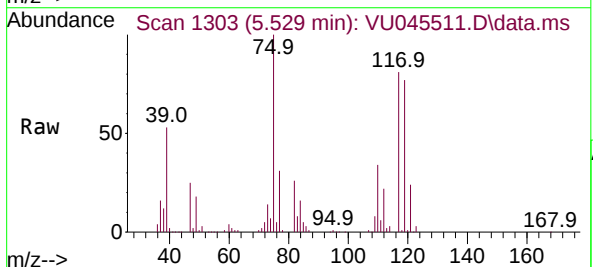
Delta R.T. -0.000 min

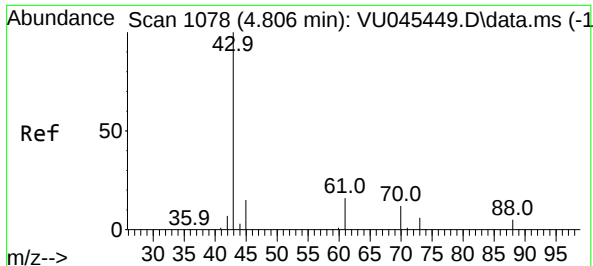
Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Tgt Ion: 75 Resp: 174432

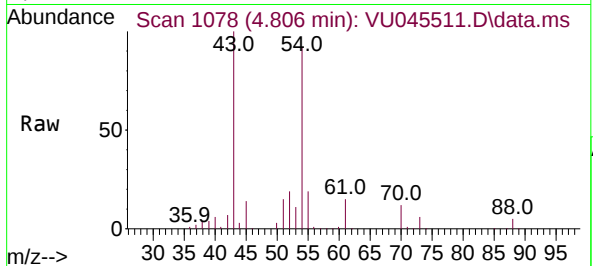
Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.0
77	30.9	25.0	37.4





#37
Ethyl Acetate
Concen: 49.449 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

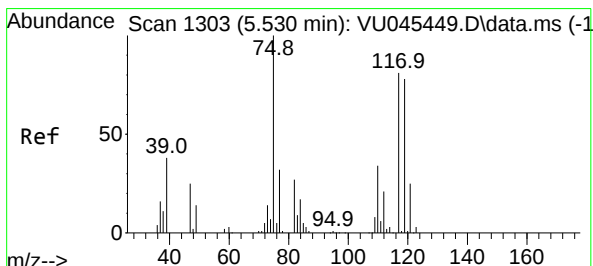
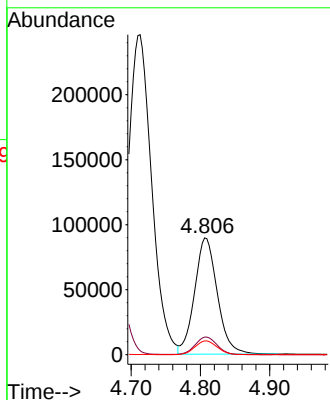
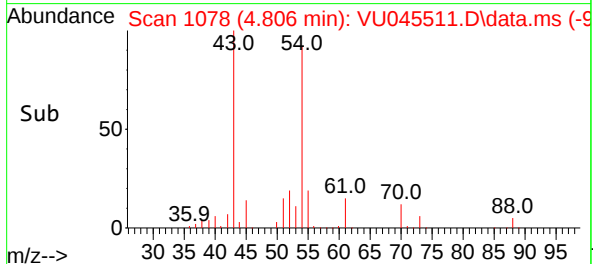
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 204411
Ion Ratio Lower Upper
43 100
61 14.4 11.6 17.4
70 11.7 9.1 13.7

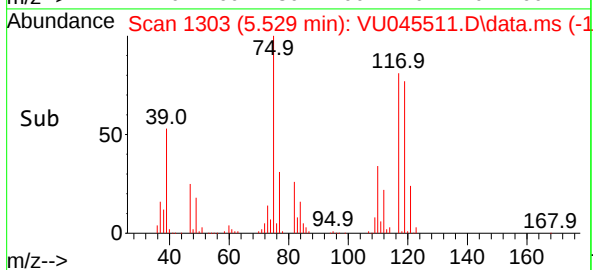
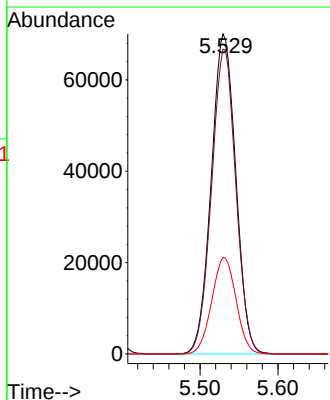
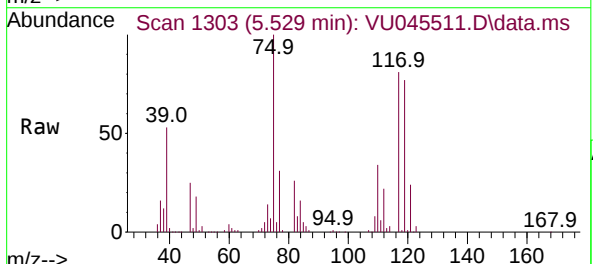
Manual Integrations
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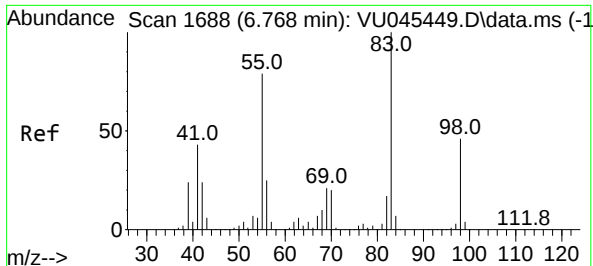
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#38
Carbon Tetrachloride
Concen: 51.350 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion:117 Resp: 152866
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 52.586 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 22321

Ion Ratio Lower Upper

83 100

55 77.7 63.6 95.4

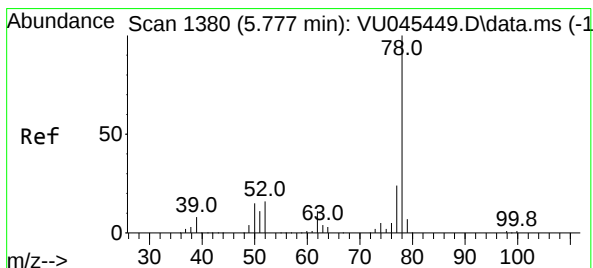
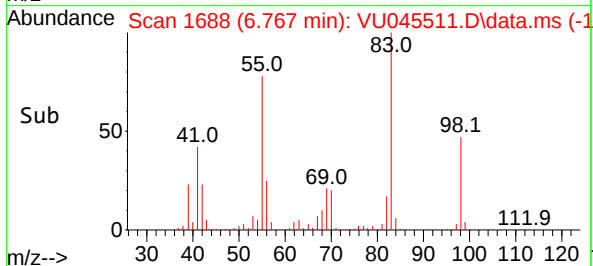
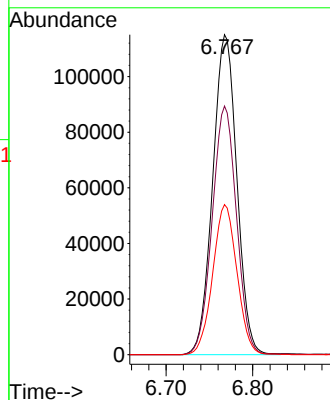
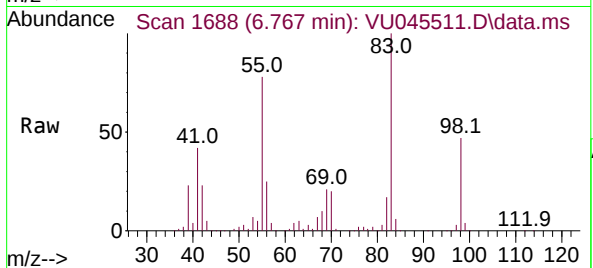
98 46.9 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#40

Benzene

Concen: 50.920 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VU045511.D

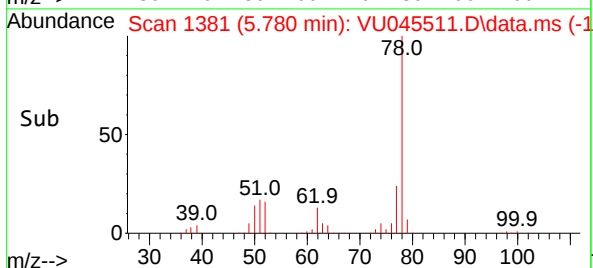
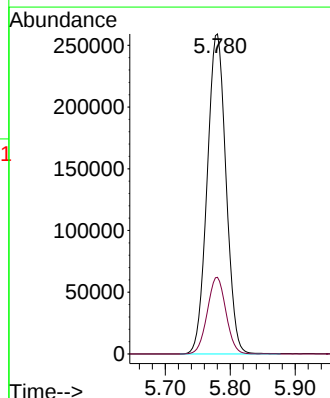
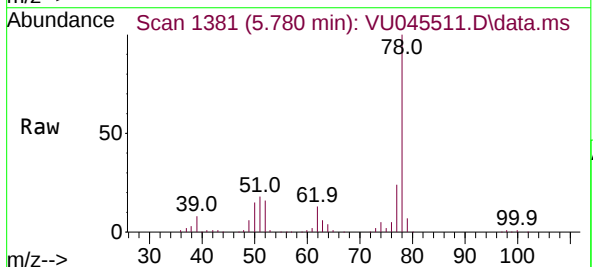
Acq: 02 Nov 2021 13:33

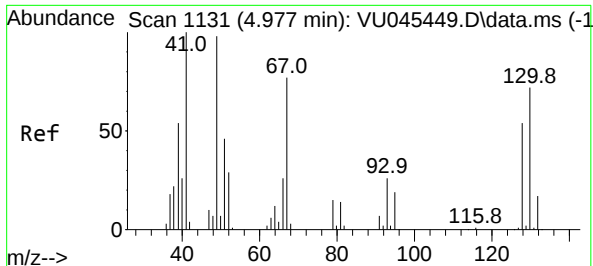
Tgt Ion: 78 Resp: 523193

Ion Ratio Lower Upper

78 100

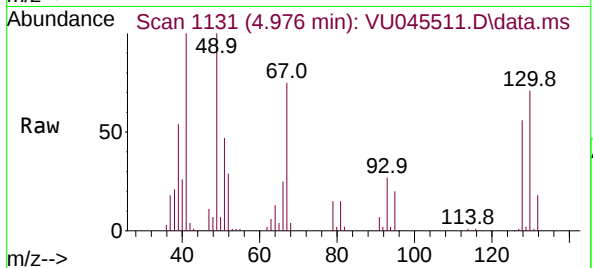
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 51.278 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

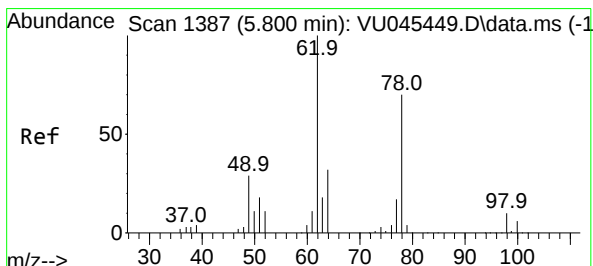
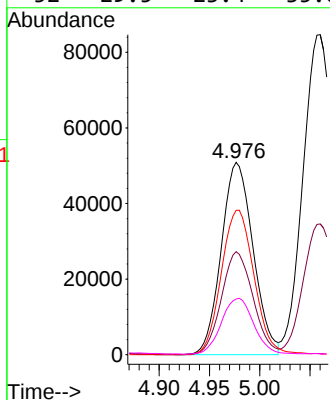
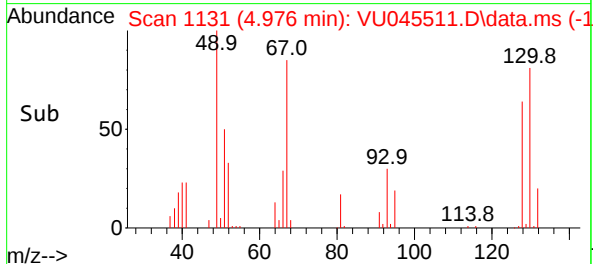
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 11218
Ion Ratio Lower Upper
41 100
39 53.1 43.4 65.0
67 77.5 61.0 91.4
52 29.5 23.4 35.0

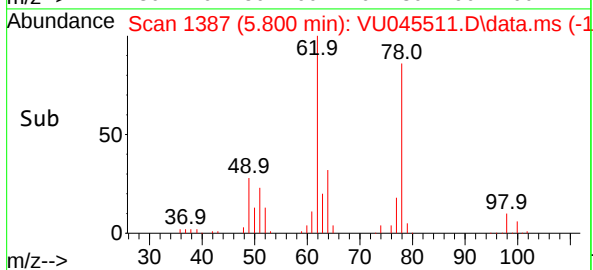
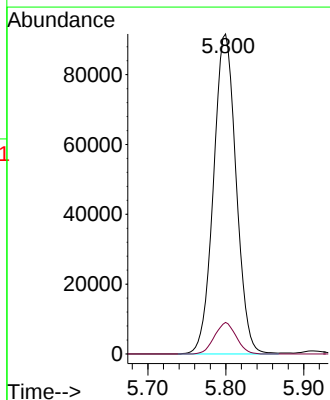
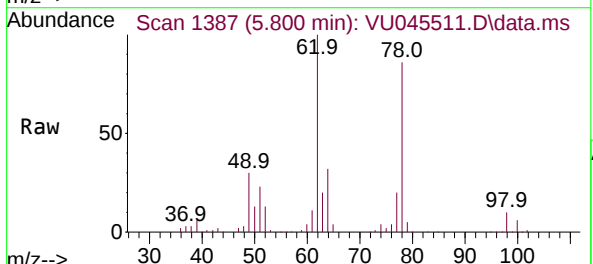
Manual Integrations
APPROVED

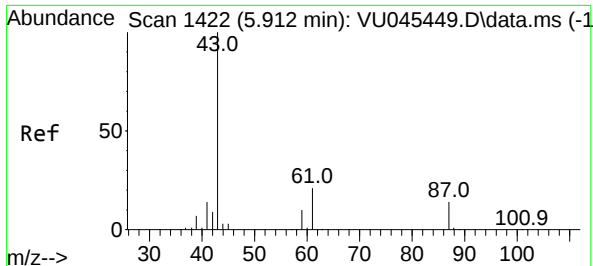
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#42
1,2-Dichloroethane
Concen: 49.005 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion: 62 Resp: 184930
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 50.936 ug/l

RT: 5.915 min Scan# 1422

Delta R.T. 0.003 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 317324

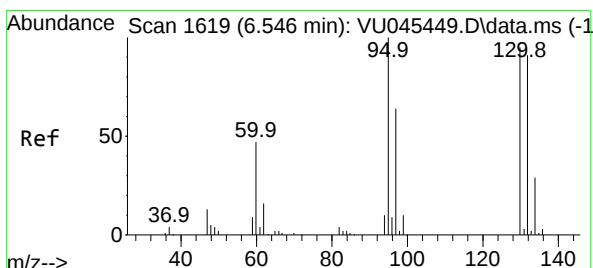
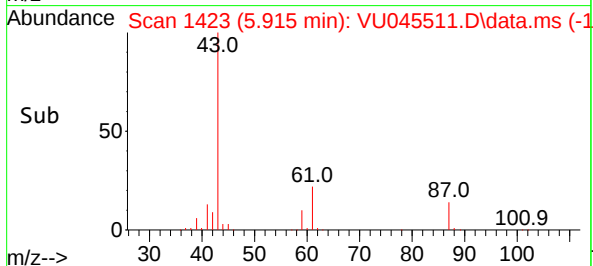
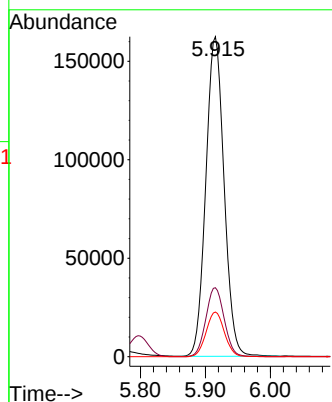
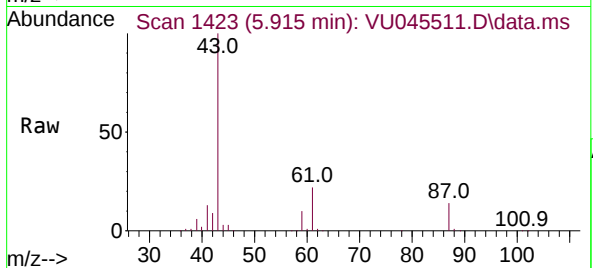
Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.9	25.3
87	14.0	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#44

Trichloroethene

Concen: 52.365 ug/l

RT: 6.546 min Scan# 1619

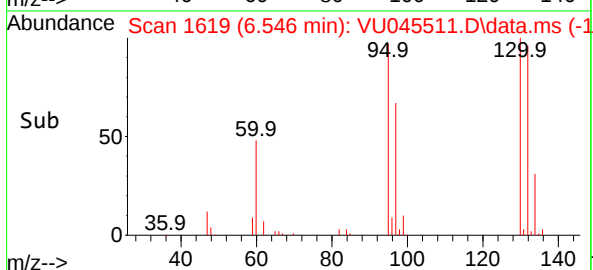
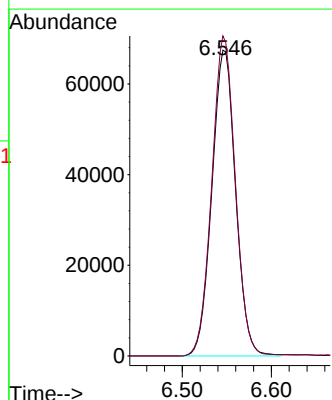
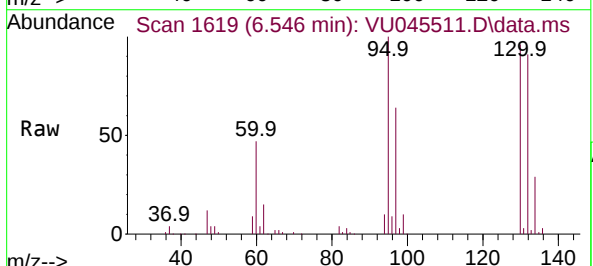
Delta R.T. -0.000 min

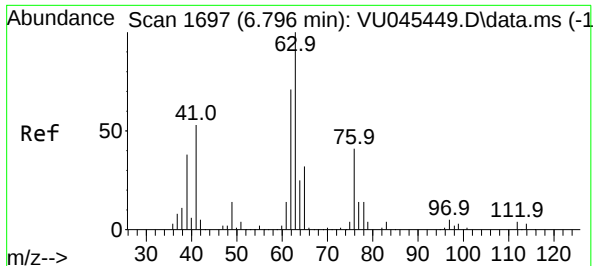
Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Tgt Ion:130 Resp: 124705

Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	211.4





#45

1,2-Dichloropropane

Concen: 50.914 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13767

Ion Ratio Lower Upper

63 100

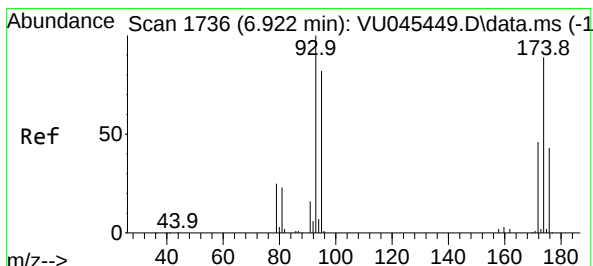
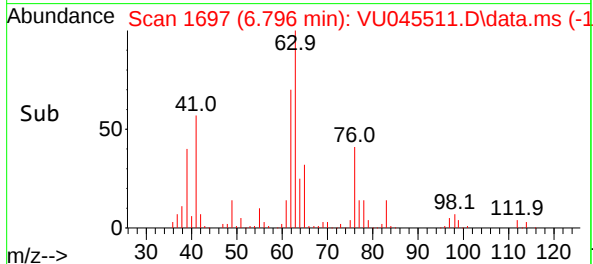
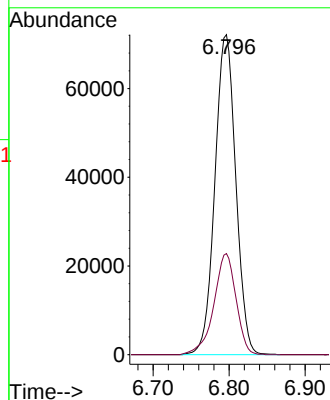
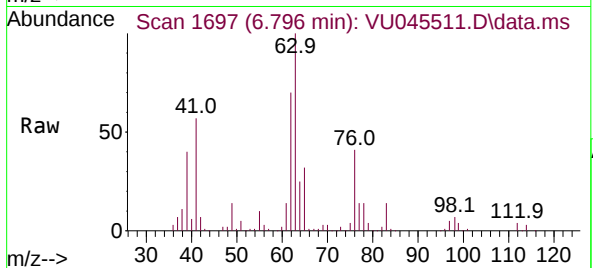
65 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#46

Dibromomethane

Concen: 51.370 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

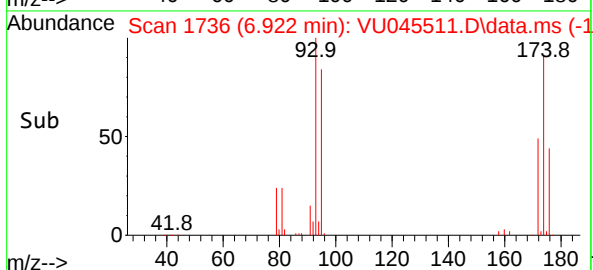
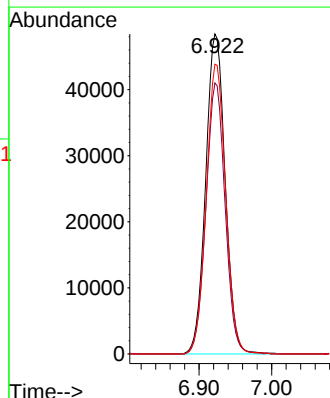
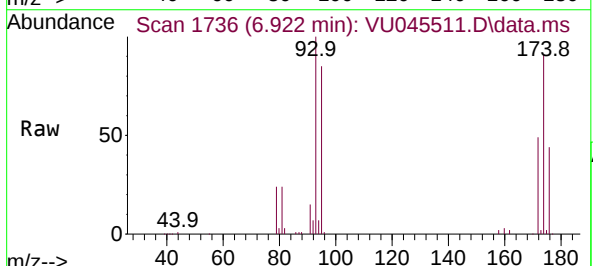
Tgt Ion: 93 Resp: 90447

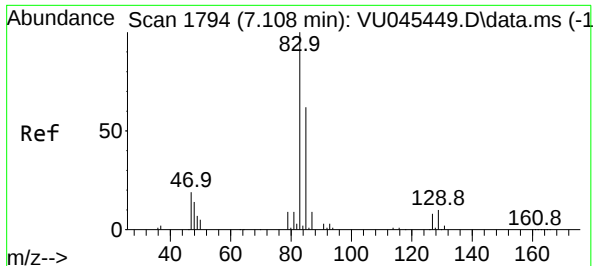
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.2

174 90.3 71.0 106.6





#47

Bromodichloromethane

Concen: 51.696 ug/l

RT: 7.111 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

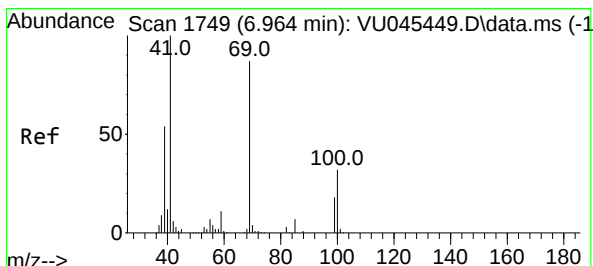
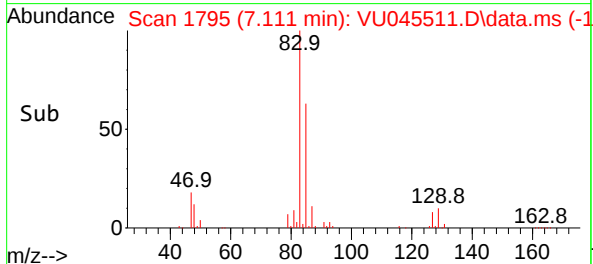
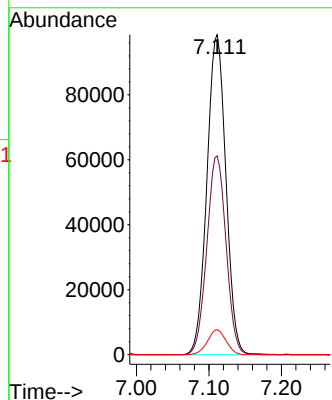
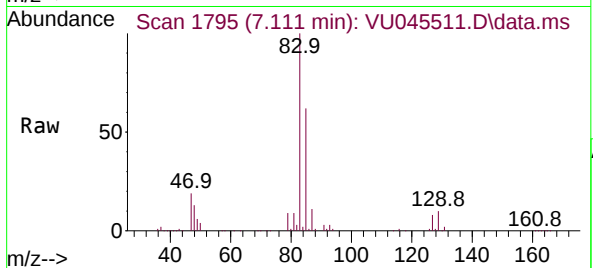
Tgt Ion:	83	Resp:	17913
Ion	Ratio	Lower	Upper
83	100		
85	62.1	49.8	74.6
127	7.8	6.2	9.2

Manual Integrations

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Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#48

Methyl methacrylate

Concen: 50.483 ug/l

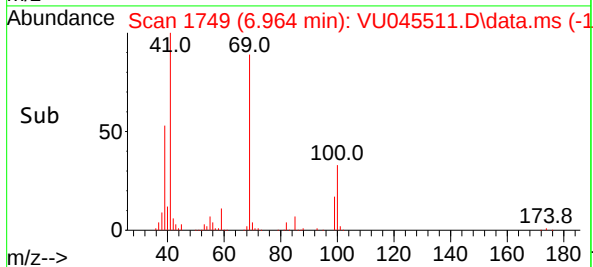
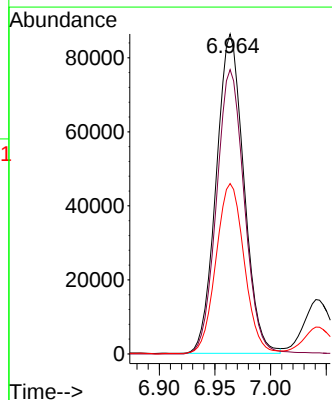
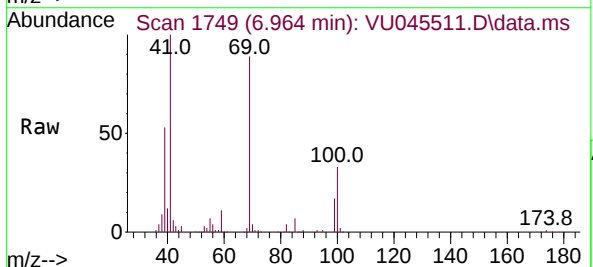
RT: 6.964 min Scan# 1749

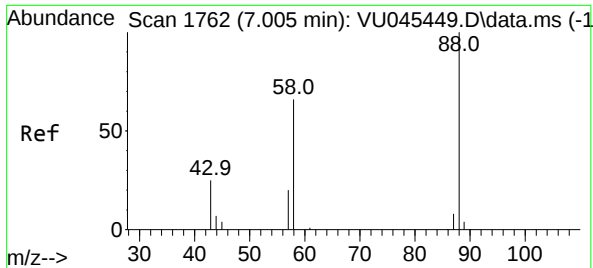
Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Tgt Ion:	41	Resp:	149068
Ion	Ratio	Lower	Upper
41	100		
69	89.7	70.2	105.2
39	54.8	43.9	65.9





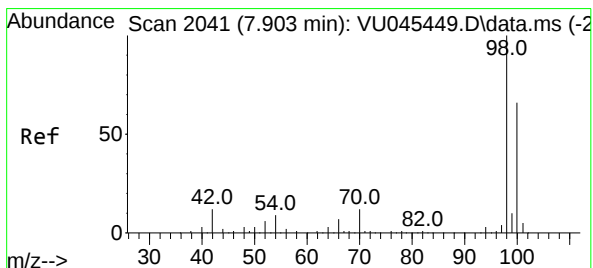
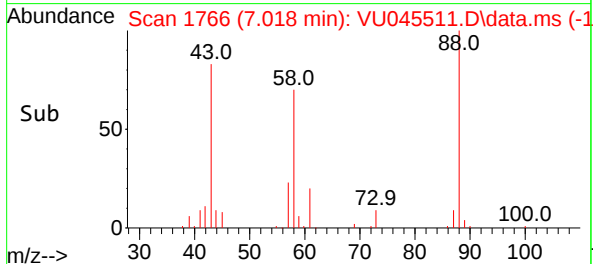
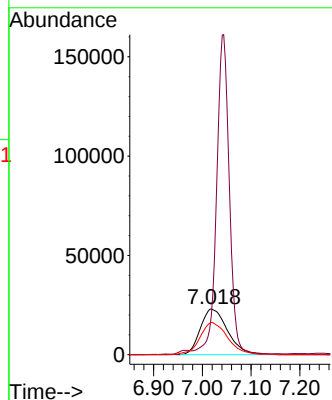
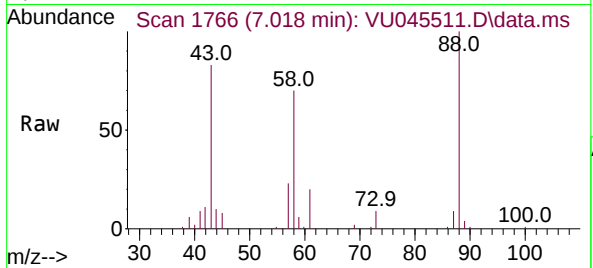
#49
1,4-Dioxane
Concen: 1189.749 ug/l
RT: 7.018 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 89284
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.3 58.7 88.1

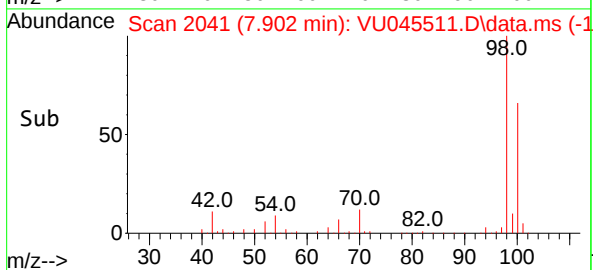
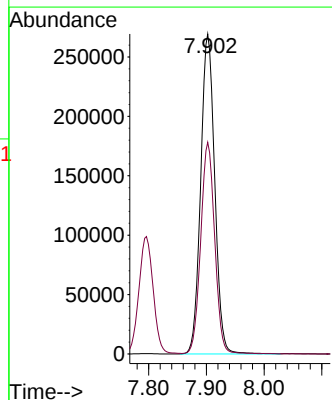
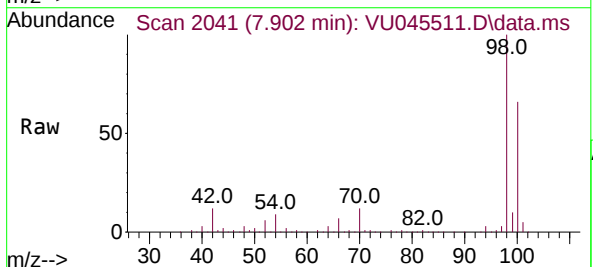
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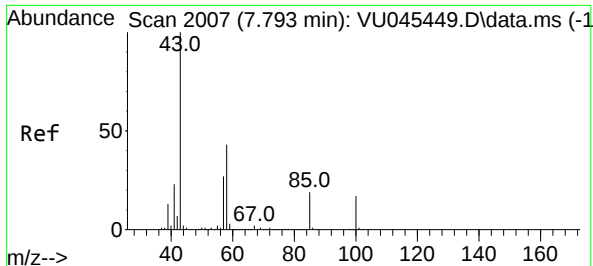
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#50
Toluene-d8
Concen: 50.802 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion: 98 Resp: 454203
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





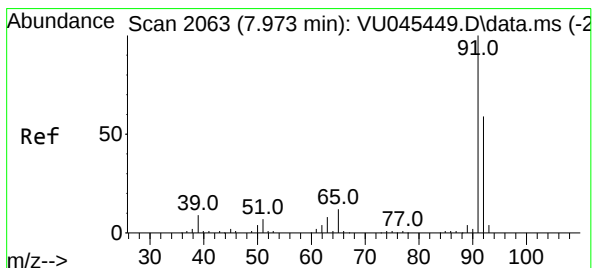
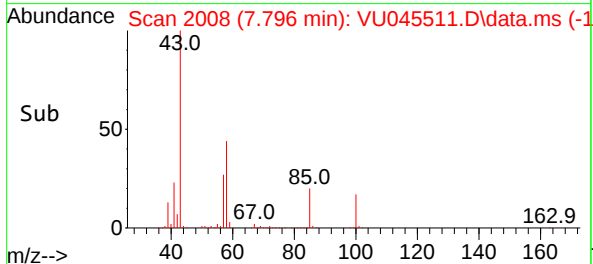
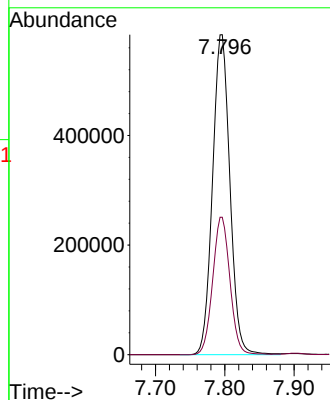
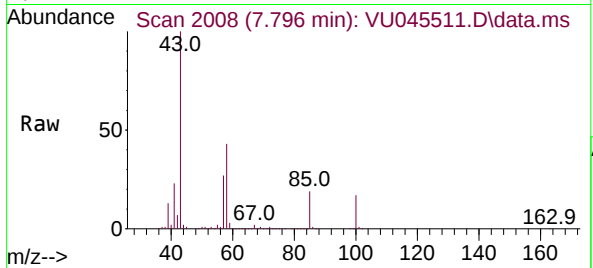
#51
4-Methyl-2-Pentanone
Concen: 252.320 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1015984
Ion Ratio Lower Upper
43 100
58 42.7 33.8 50.8

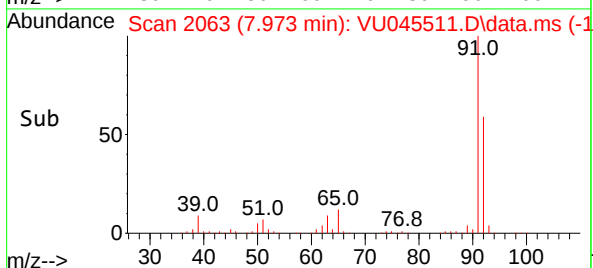
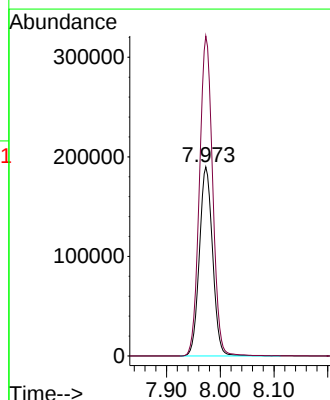
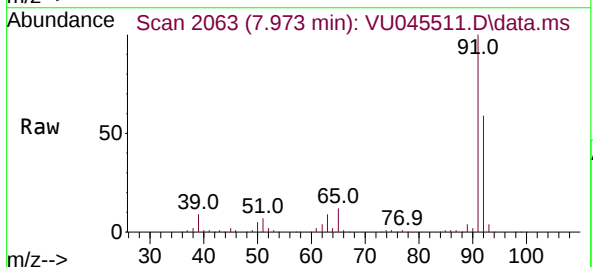
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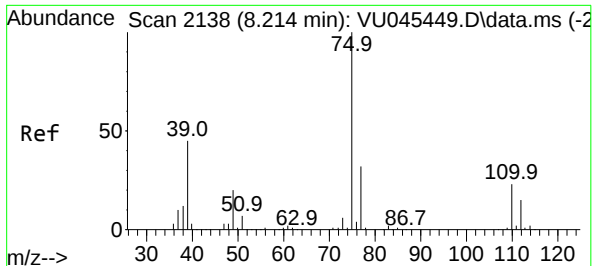
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#52
Toluene
Concen: 51.889 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion: 92 Resp: 324099
Ion Ratio Lower Upper
92 100
91 169.0 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 53.407 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 210928

Ion Ratio Lower Upper

75 100

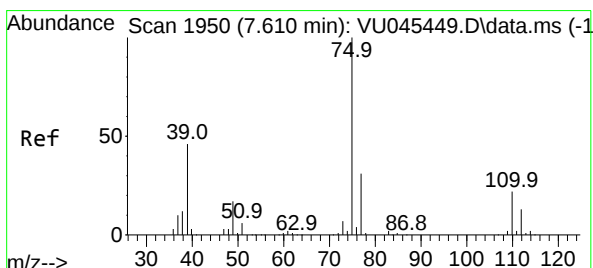
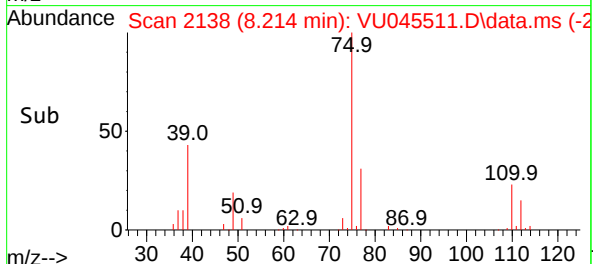
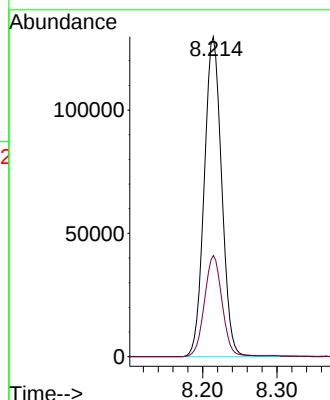
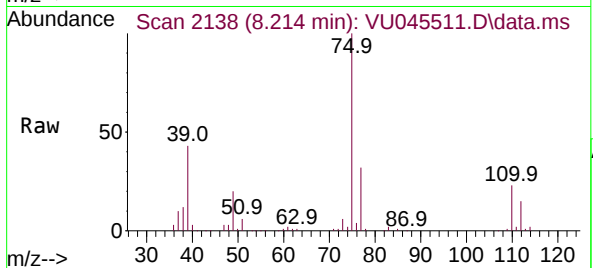
77 31.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#54

cis-1,3-Dichloropropene

Concen: 53.199 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

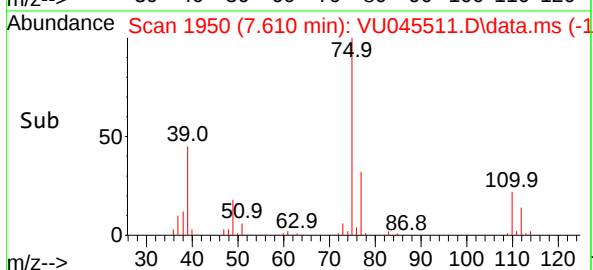
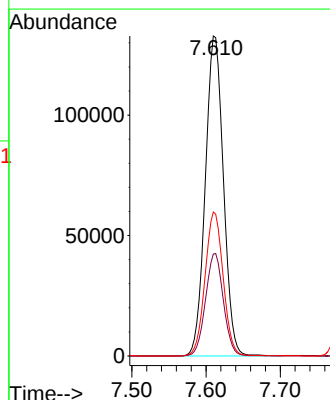
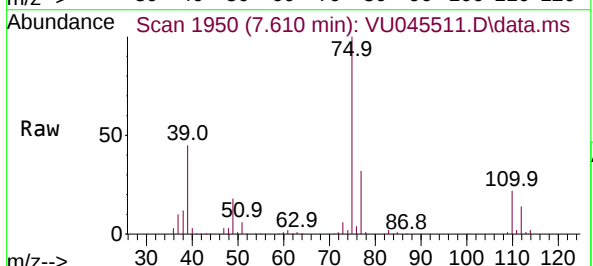
Tgt Ion: 75 Resp: 225008

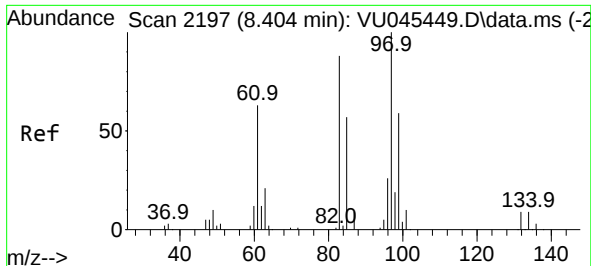
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 45.0 37.1 55.7





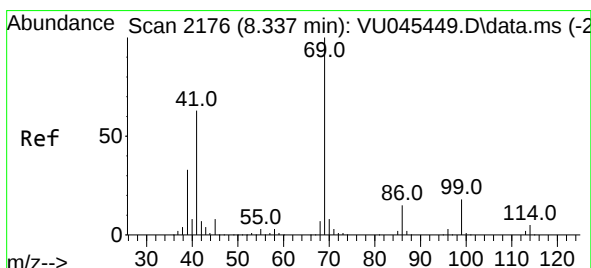
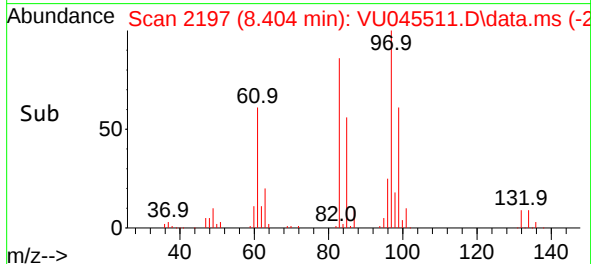
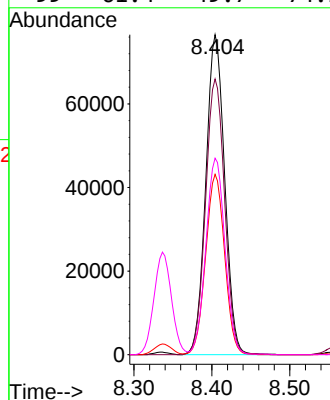
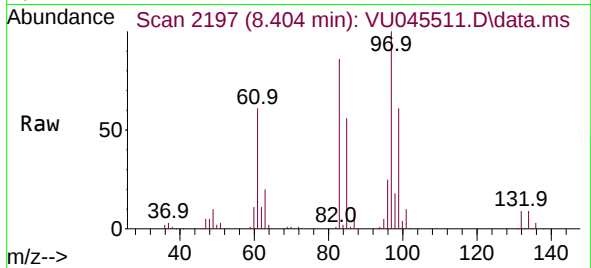
#55
1,1,2-Trichloroethane
Concen: 50.466 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 12875
Ion Ratio Lower Upper
97 100
83 86.1 70.3 105.5
85 56.4 45.5 68.3
99 61.4 49.7 74.5

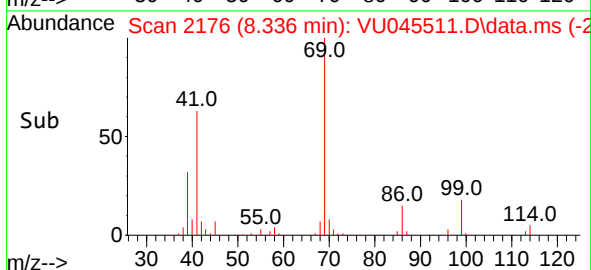
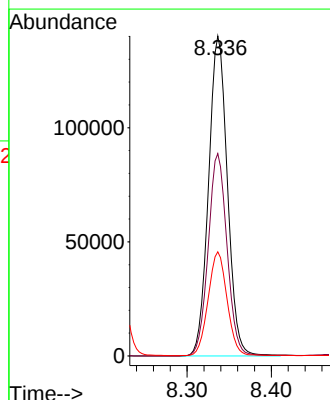
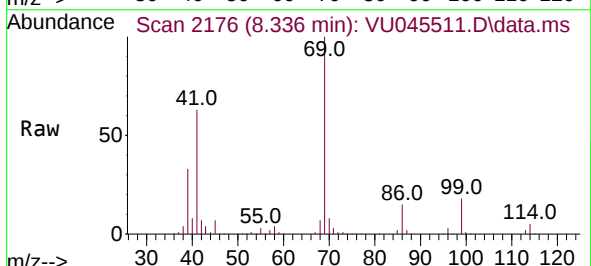
Manual Integrations
APPROVED

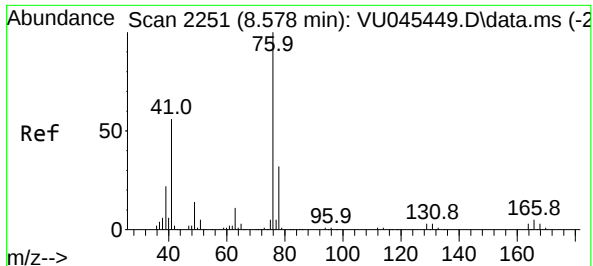
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#56
Ethyl methacrylate
Concen: 46.846 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.001 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion: 69 Resp: 218197
Ion Ratio Lower Upper
69 100
41 63.2 51.0 76.4
39 32.5 26.6 39.8





#57

1,3-Dichloropropane

Concen: 50.352 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 228034

Ion Ratio Lower Upper

76 100

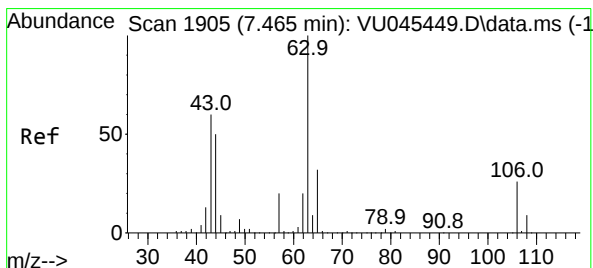
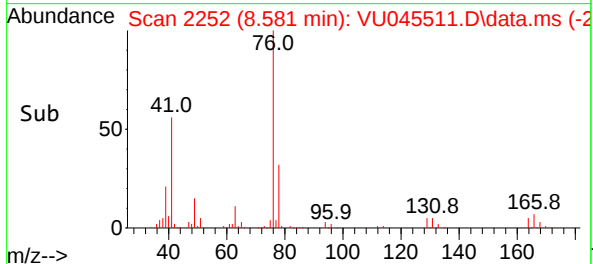
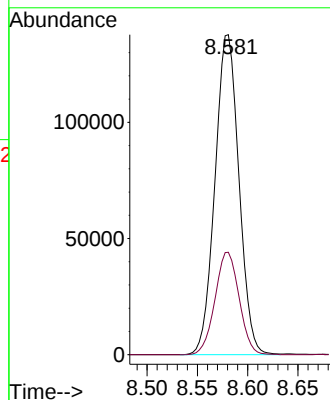
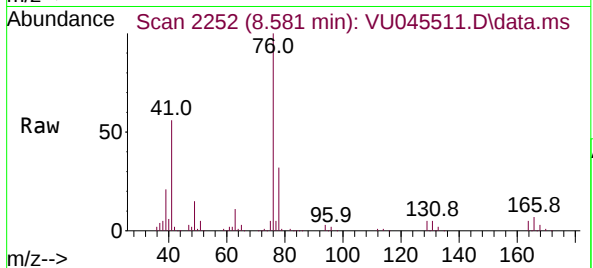
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#58

2-Chloroethyl Vinyl ether

Concen: 247.397 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VU045511.D

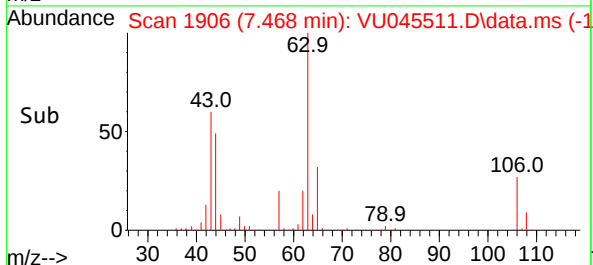
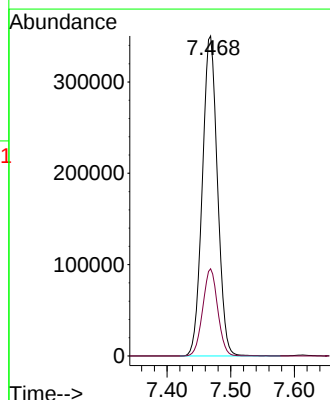
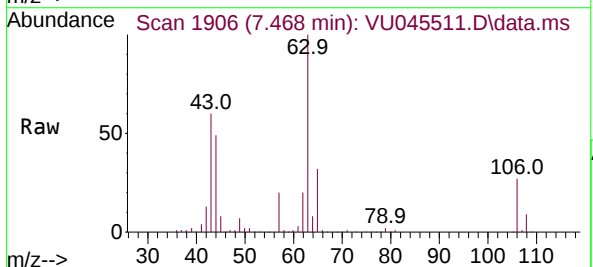
Acq: 02 Nov 2021 13:33

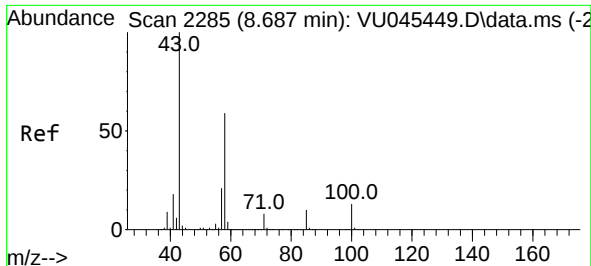
Tgt Ion: 63 Resp: 578553

Ion Ratio Lower Upper

63 100

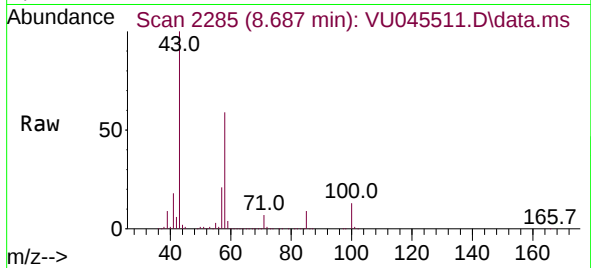
106 27.0 21.0 31.4





#59
2-Hexanone
Concen: 261.653 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

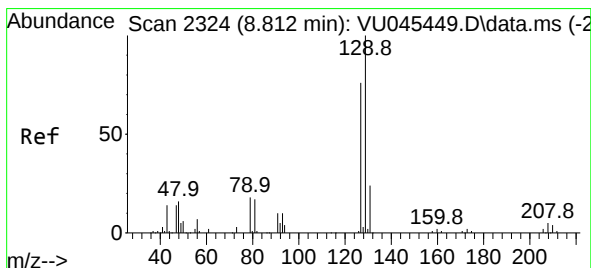
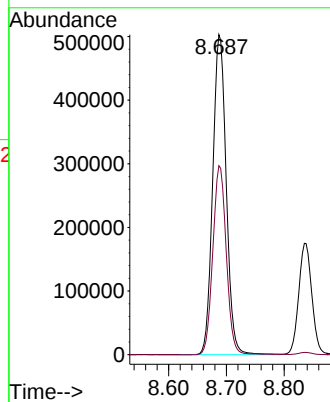
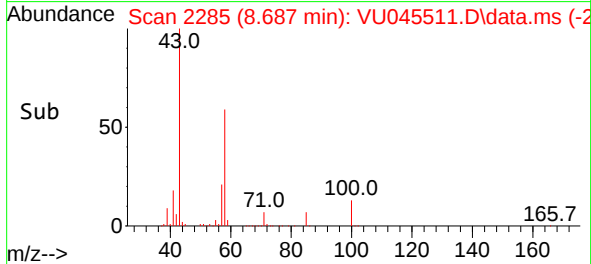
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 816290
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.6

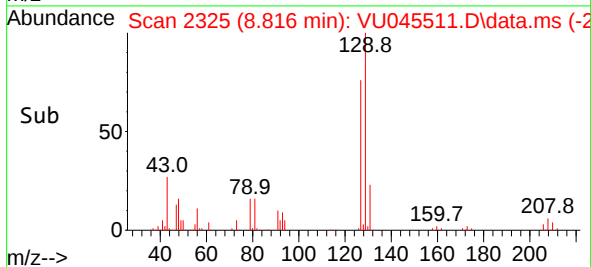
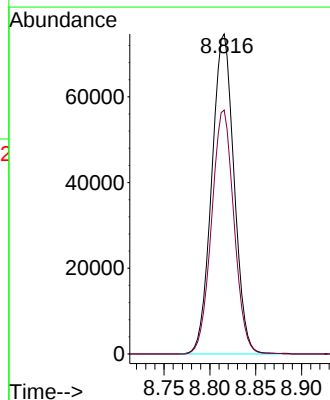
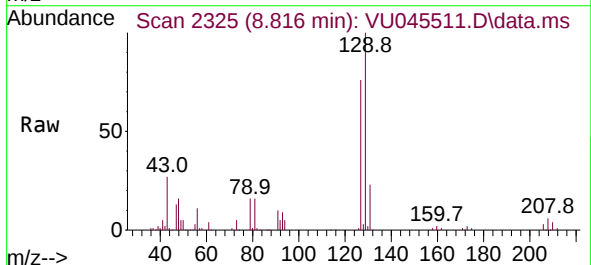
Manual Integrations
APPROVED

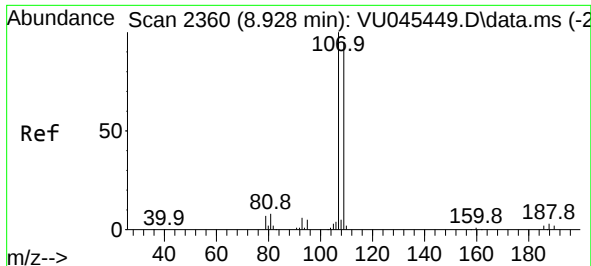
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#60
Dibromochloromethane
Concen: 51.661 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

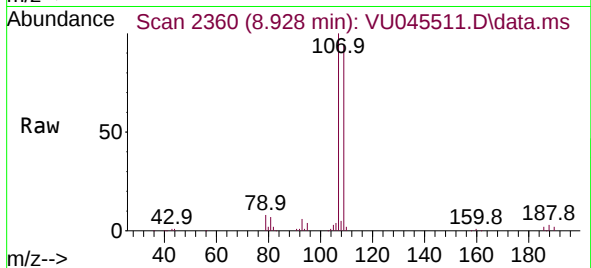
Tgt Ion:129 Resp: 126493
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61
1,2-Dibromoethane
Concen: 50.964 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

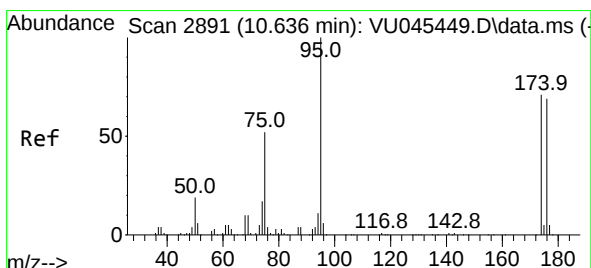
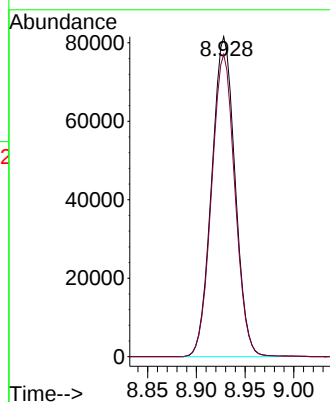
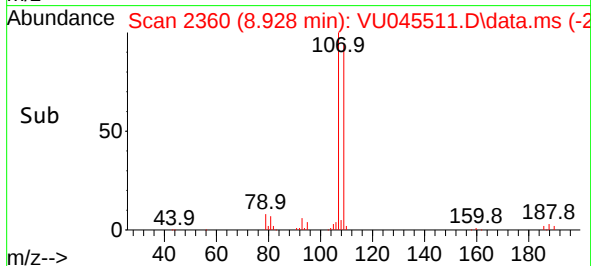
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



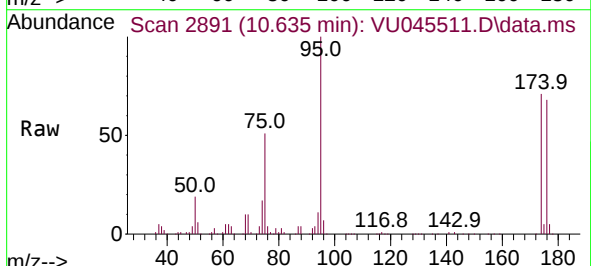
Tgt Ion:107 Resp: 136194
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.8

Manual Integrations
APPROVED

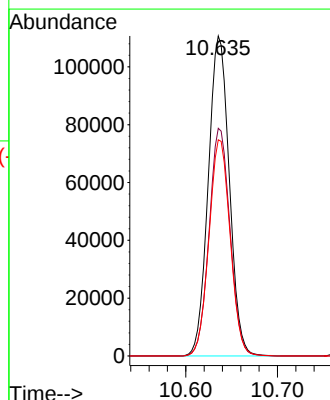
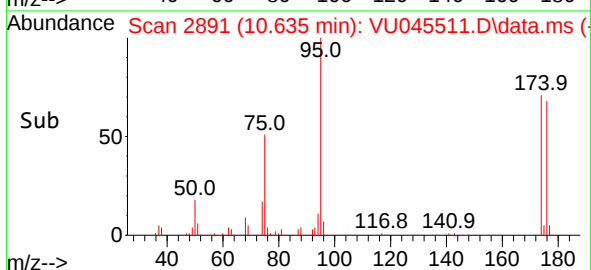
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

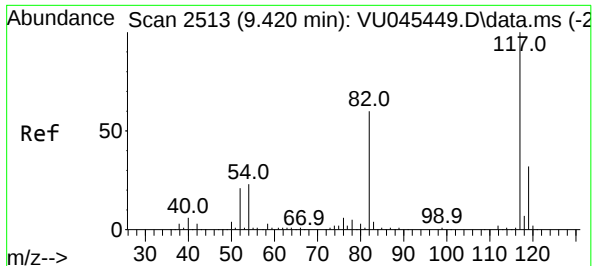


#62
4-Bromofluorobenzene
Concen: 51.706 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33



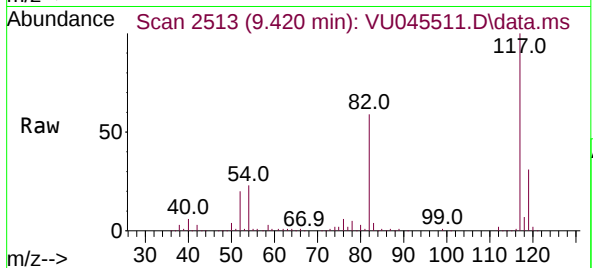
Tgt Ion: 95 Resp: 176159
Ion Ratio Lower Upper
95 100
174 71.0 0.0 141.8
176 68.0 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

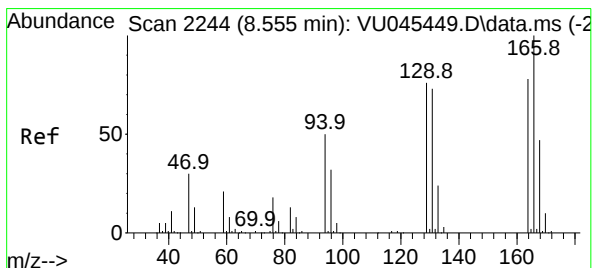
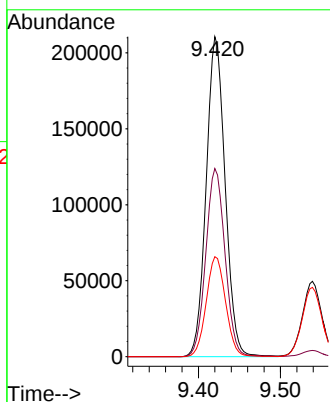
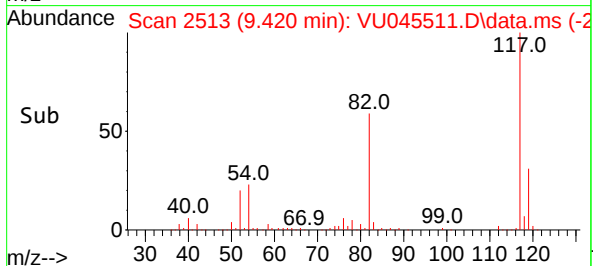
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 338092
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 31.3 25.8 38.8

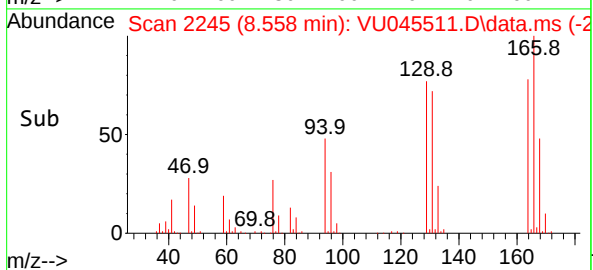
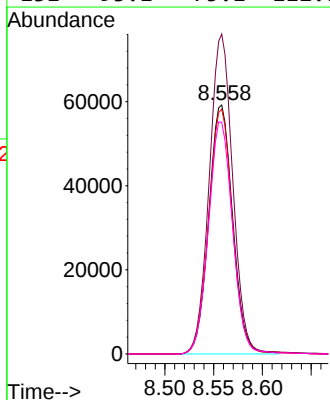
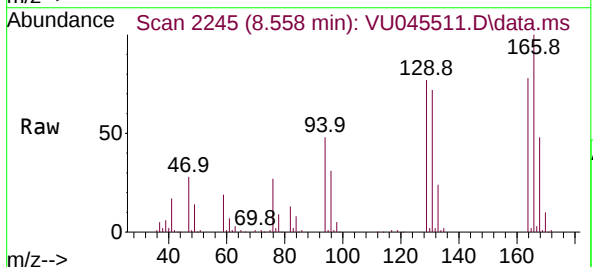
Manual Integrations
APPROVED

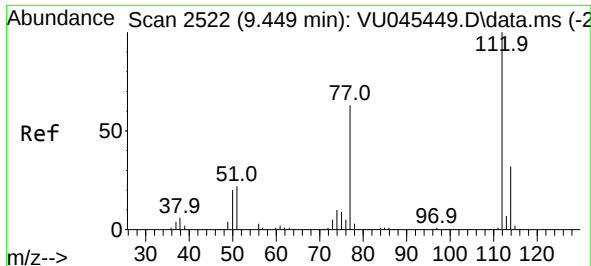
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#64
Tetrachloroethene
Concen: 52.410 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion:164 Resp: 101287
Ion Ratio Lower Upper
164 100
166 128.6 102.2 153.4
129 98.4 78.2 117.4
131 93.1 75.1 112.7





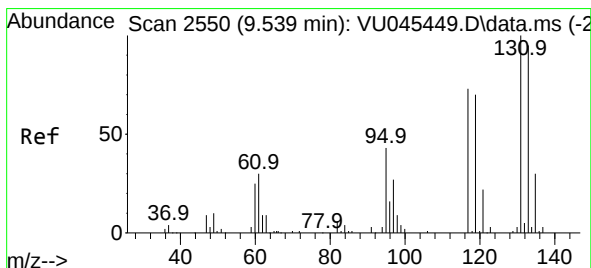
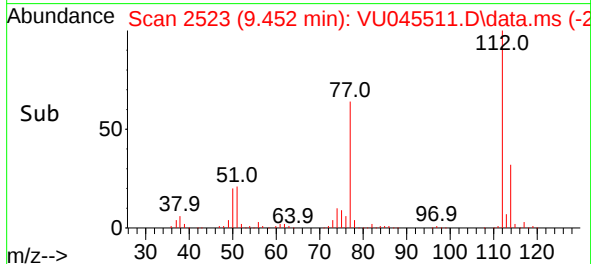
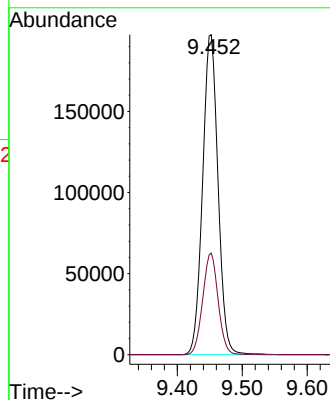
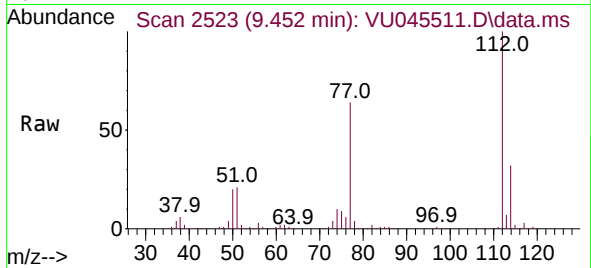
#65
Chlorobenzene
Concen: 50.871 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 326092
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

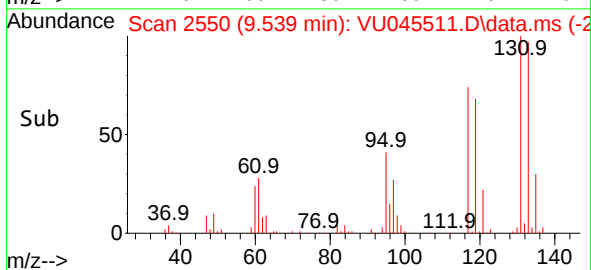
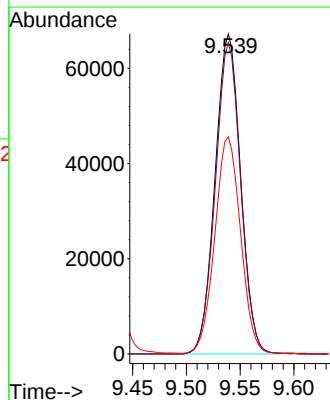
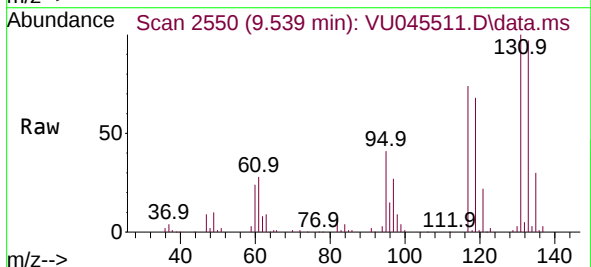
Manual Integrations
APPROVED

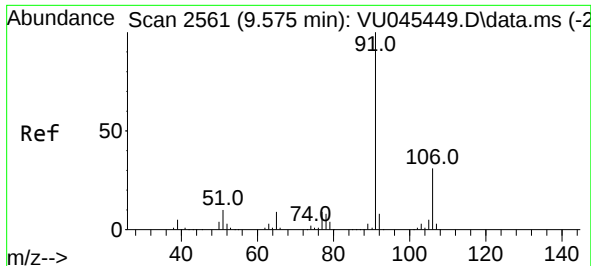
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 51.391 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion:131 Resp: 111144
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 68.8 34.5 103.6





#67

Ethyl Benzene

Concen: 52.530 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 616829

Ion Ratio Lower Upper

91 100

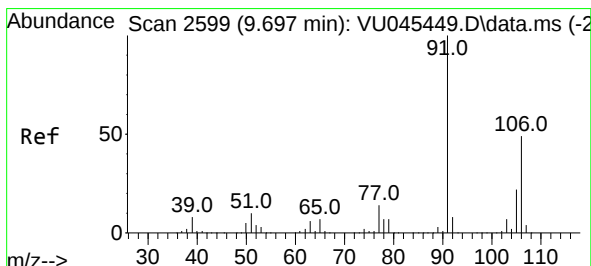
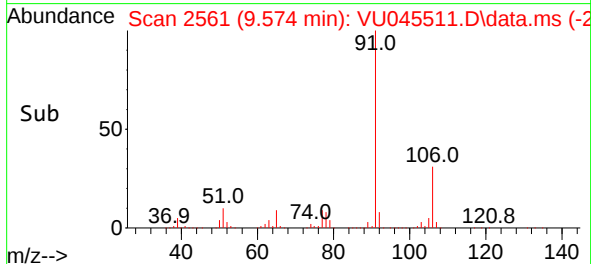
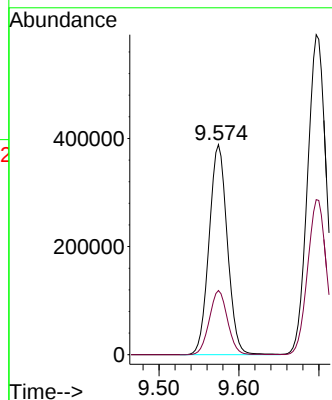
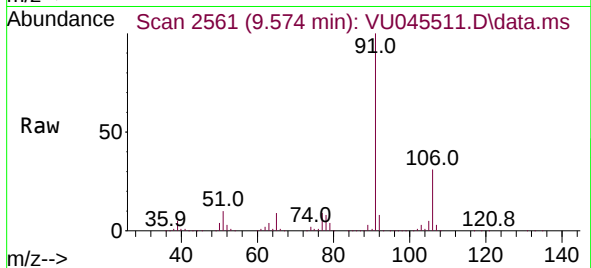
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#68

m/p-Xylenes

Concen: 106.849 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045511.D

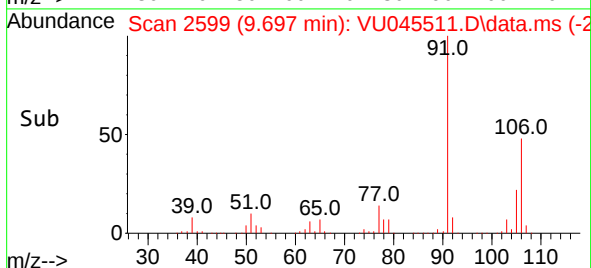
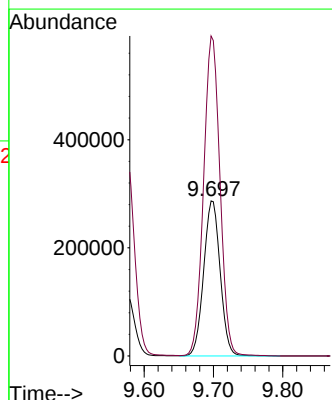
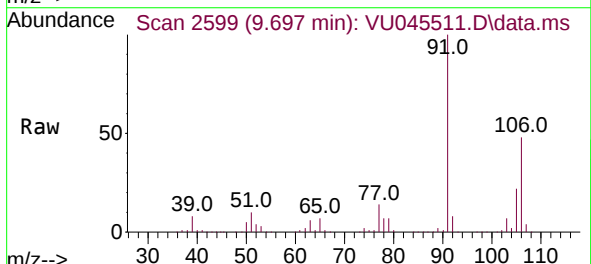
Acq: 02 Nov 2021 13:33

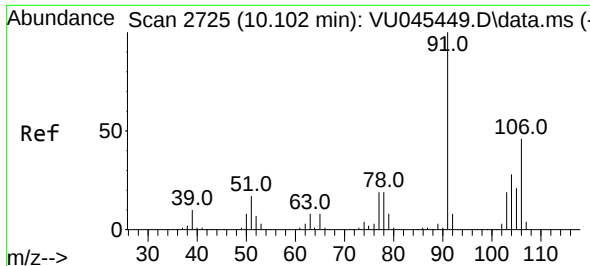
Tgt Ion:106 Resp: 473601

Ion Ratio Lower Upper

106 100

91 205.4 164.7 247.1





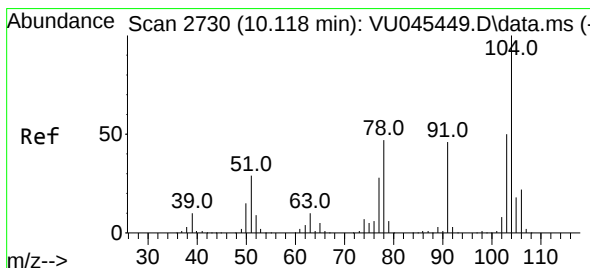
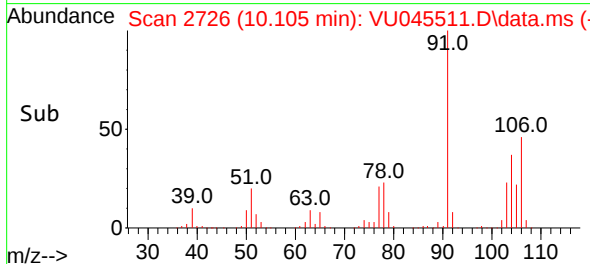
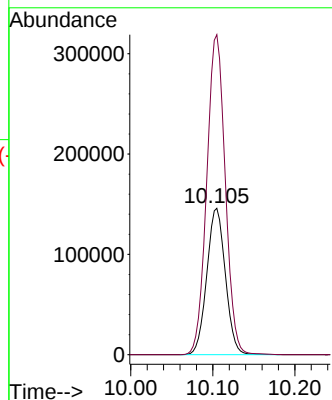
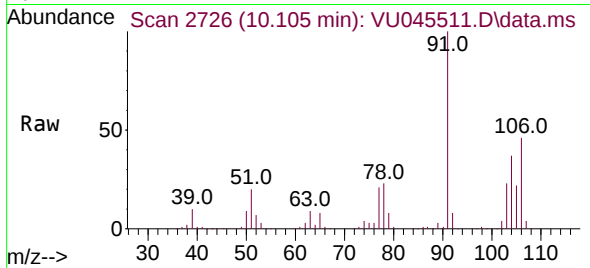
#69
o-Xylene
Concen: 53.138 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 229664
Ion Ratio Lower Upper
106 100
91 218.1 108.7 326.3

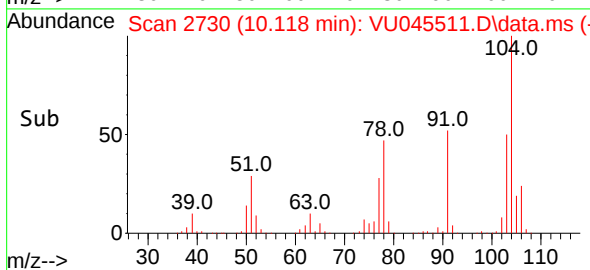
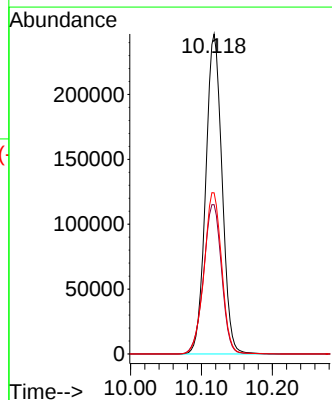
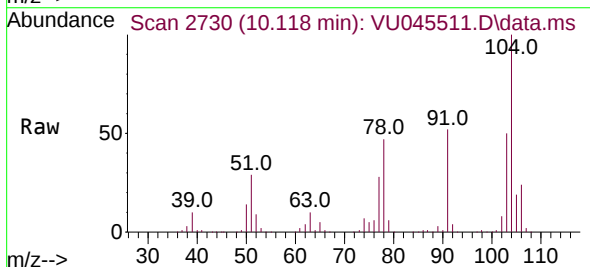
Manual Integrations
APPROVED

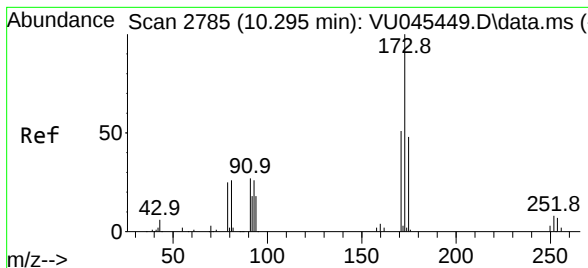
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#70
Styrene
Concen: 49.326 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion:104 Resp: 394083
Ion Ratio Lower Upper
104 100
78 51.6 41.8 62.6
103 54.3 43.8 65.6





#71

Bromoform

Concen: 47.168 ug/l

RT: 10.295 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 92038

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

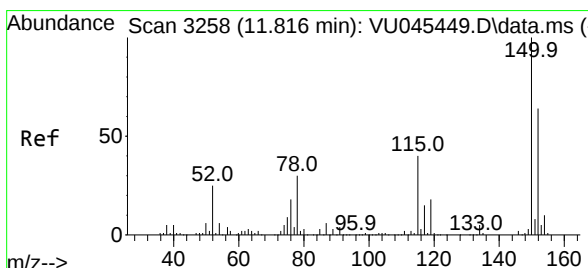
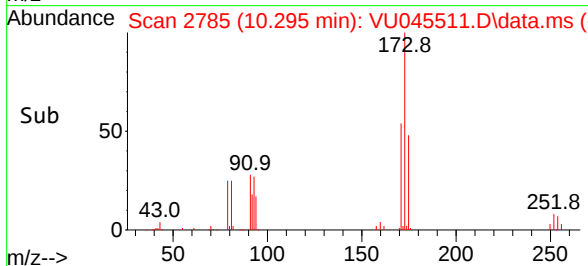
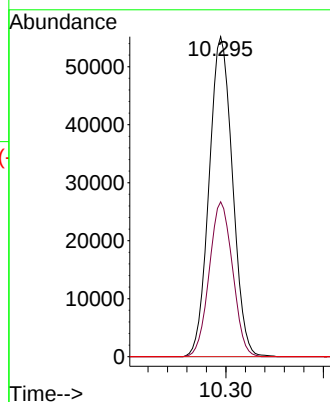
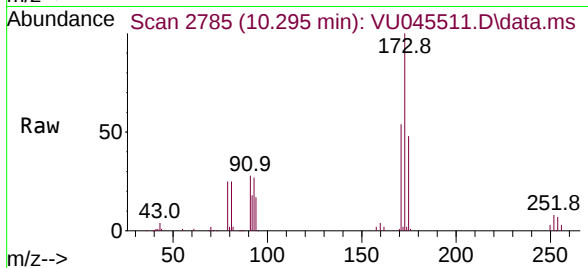
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.815 min Scan# 3258

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

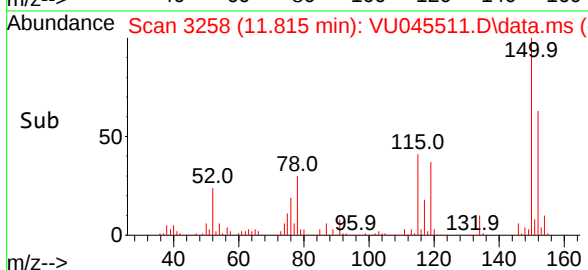
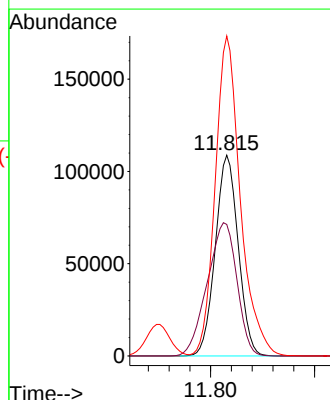
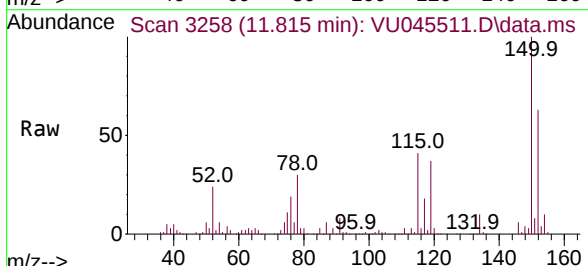
Tgt Ion:152 Resp: 166489

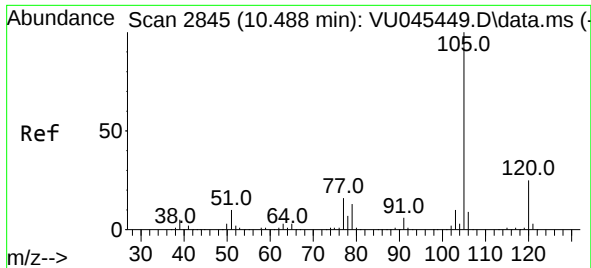
Ion Ratio Lower Upper

152 100

115 86.0 42.7 128.1

150 175.1 0.0 346.8





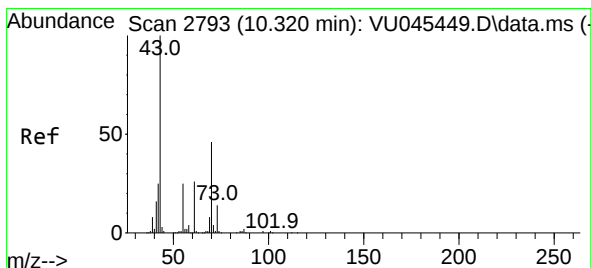
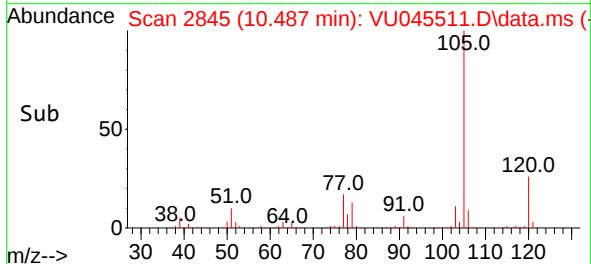
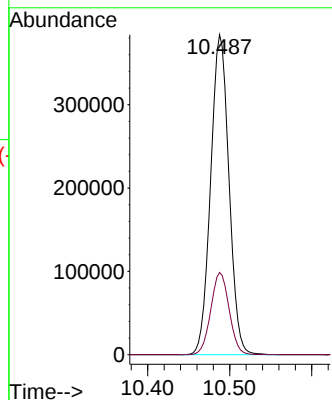
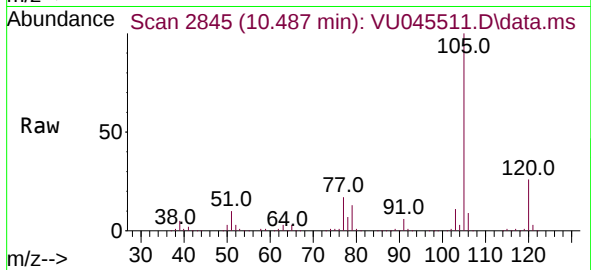
#73
Isopropylbenzene
Concen: 53.016 ug/l
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 595162
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

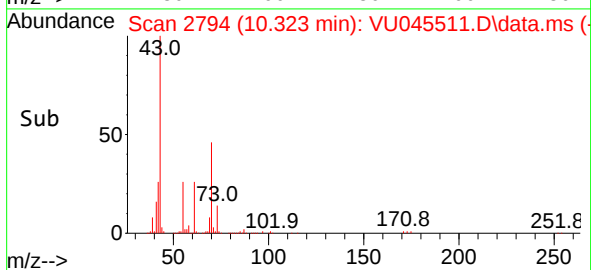
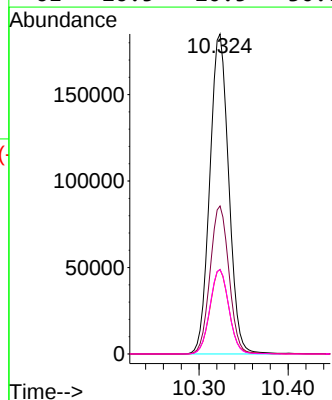
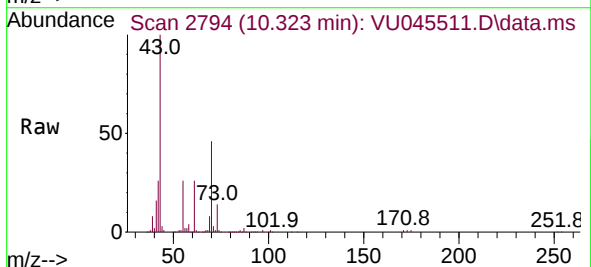
Manual Integrations
APPROVED

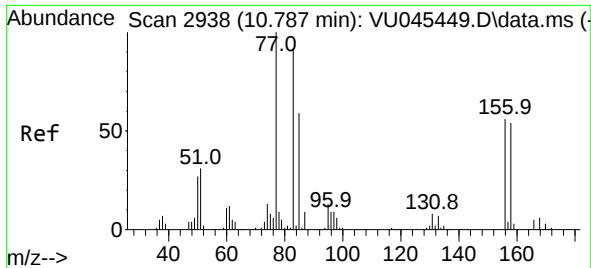
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#74
N-ethyl acetate
Concen: 46.915 ug/l
RT: 10.323 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion: 43 Resp: 272751
Ion Ratio Lower Upper
43 100
70 46.4 36.9 55.3
55 26.4 20.6 31.0
61 26.5 20.5 30.7





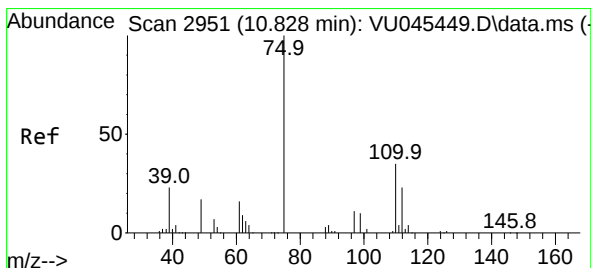
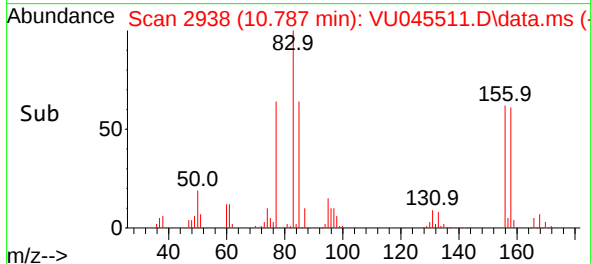
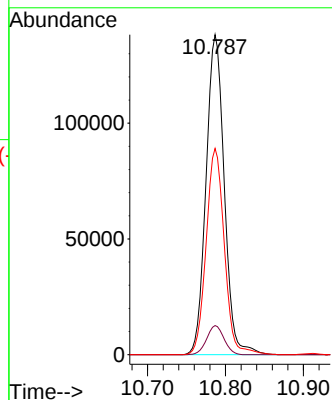
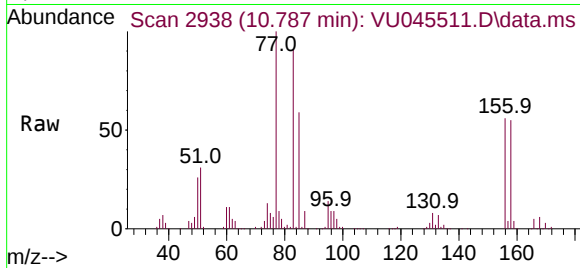
#75
1,1,2,2-Tetrachloroethane
Concen: 50.423 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 22466
Ion Ratio Lower Upper
83 100
131 8.6 4.4 13.2
85 64.3 31.9 95.9

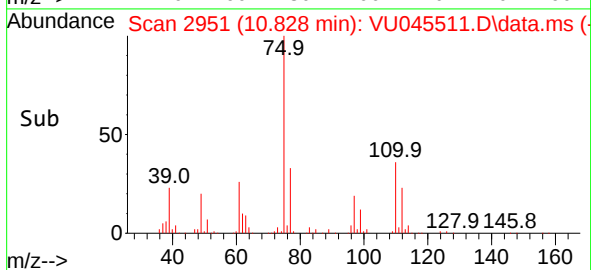
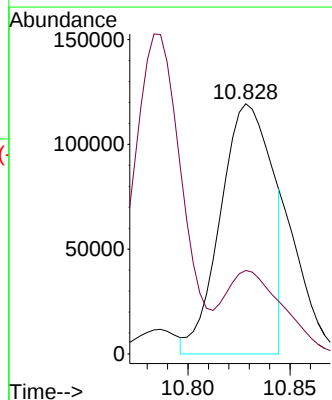
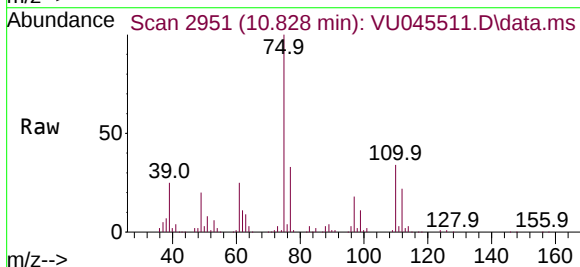
Manual Integrations
APPROVED

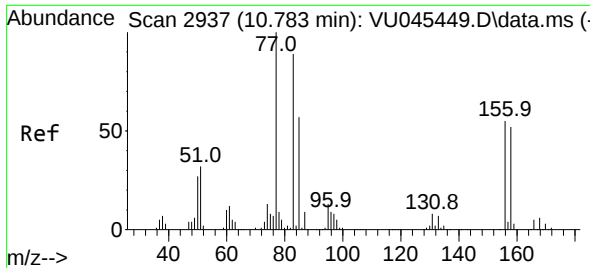
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#76
1,2,3-Trichloropropane
Concen: 47.326 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

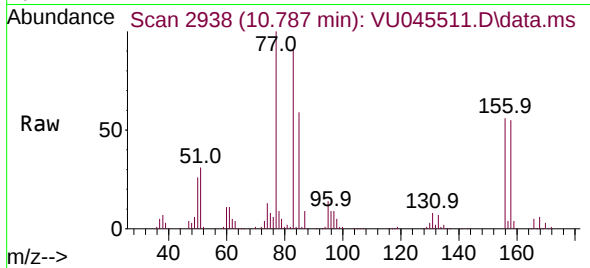
Tgt Ion: 75 Resp: 209934
Ion Ratio Lower Upper
75 100
77 37.6 17.1 51.3





#77
Bromobenzene
Concen: 52.693 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

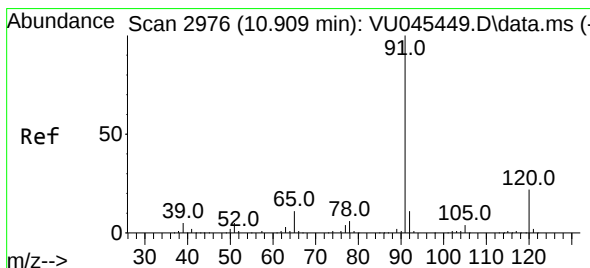
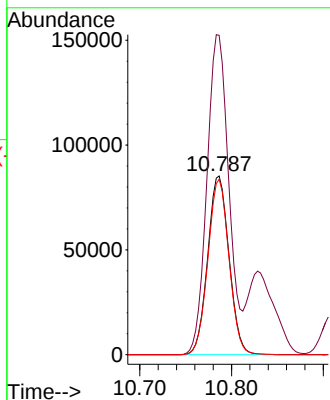
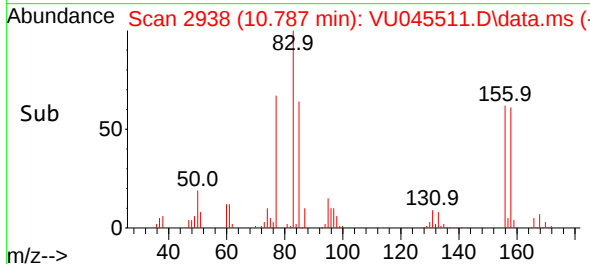
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



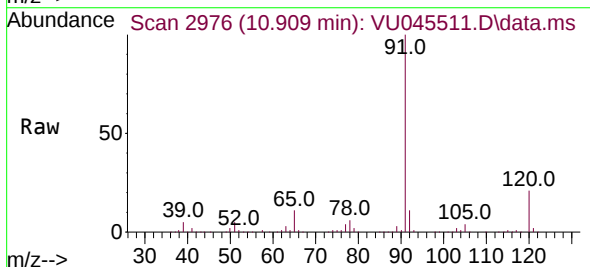
Tgt Ion:156 Resp: 138020
Ion Ratio Lower Upper
156 100
77 184.1 91.1 273.4
158 96.8 47.9 143.6

Manual Integrations
APPROVED

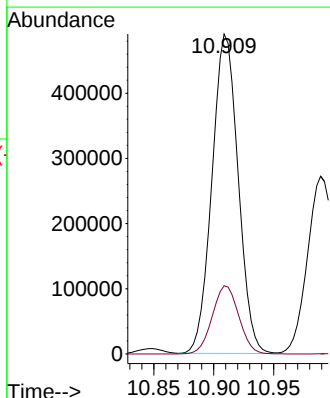
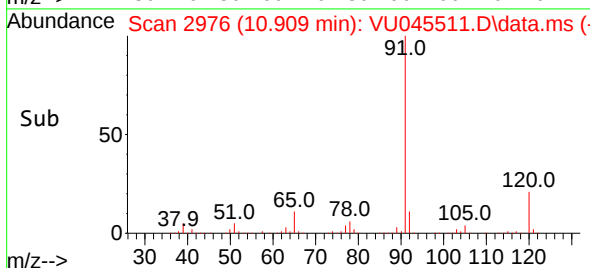
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

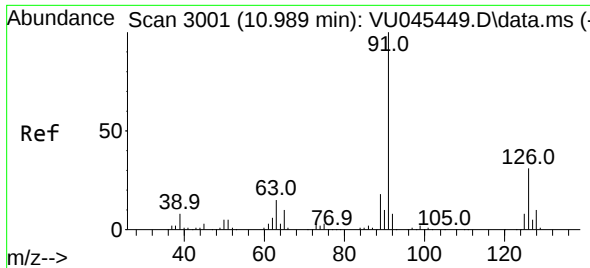


#78
n-propylbenzene
Concen: 54.568 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33



Tgt Ion: 91 Resp: 742684
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7





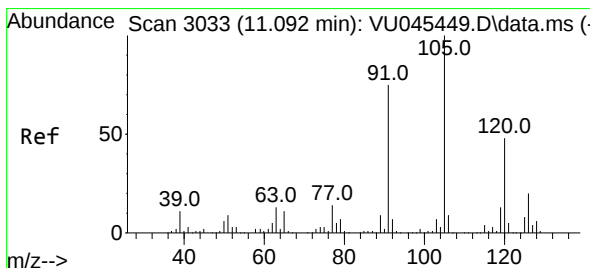
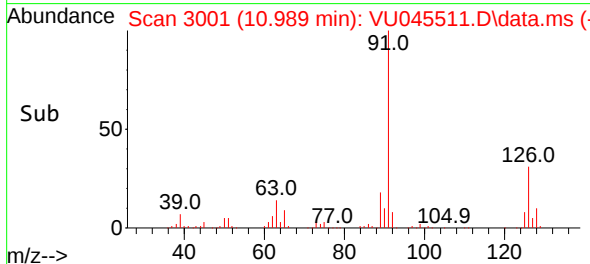
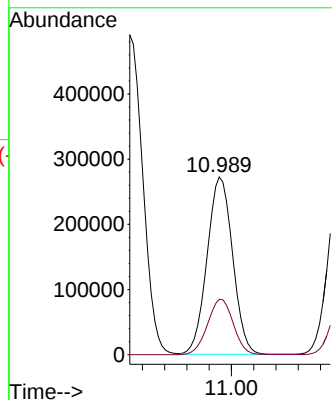
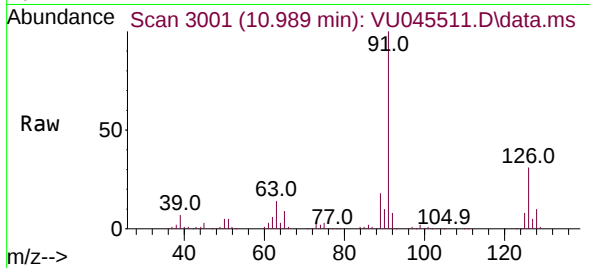
#79
2-Chlorotoluene
Concen: 52.895 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 433325
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.8

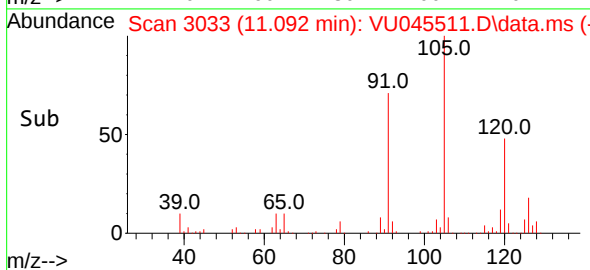
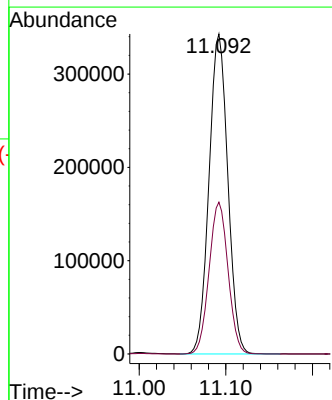
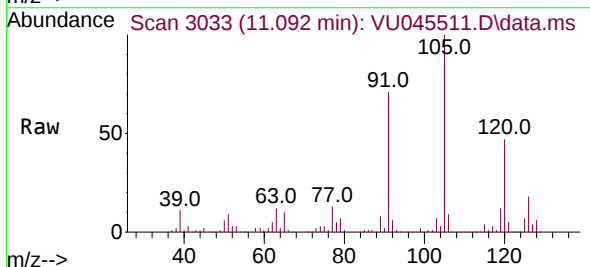
Manual Integrations
APPROVED

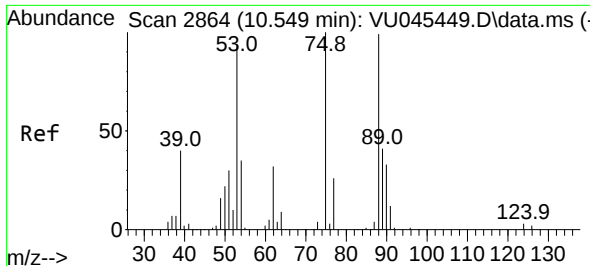
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.717 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Tgt Ion:105 Resp: 516870
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.8





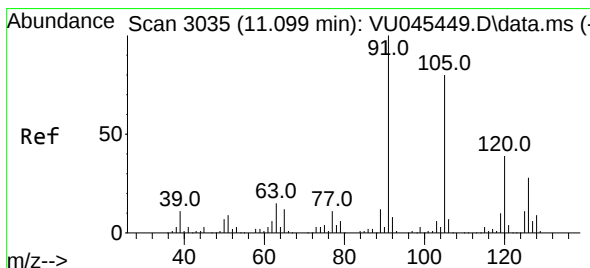
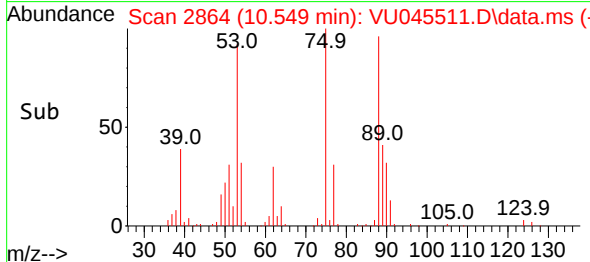
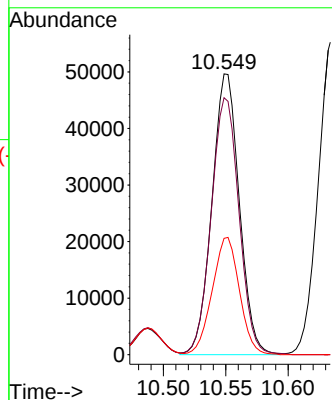
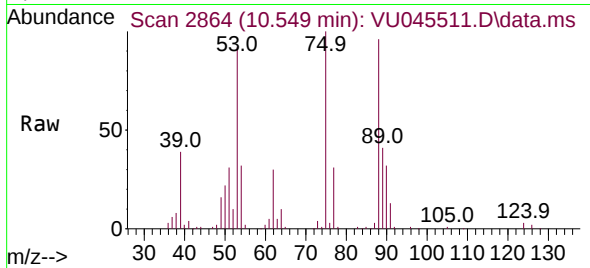
#81
trans-1,4-Dichloro-2-butene
Concen: 47.962 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 75972
Ion Ratio Lower Upper
75 100
53 93.0 76.2 114.4
89 41.6 34.0 51.0

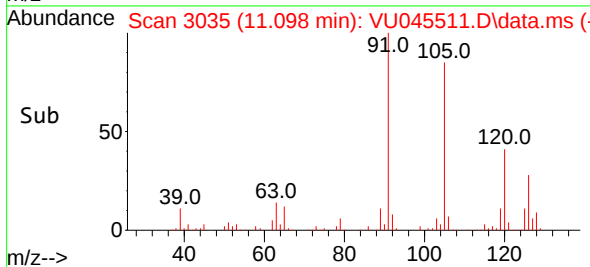
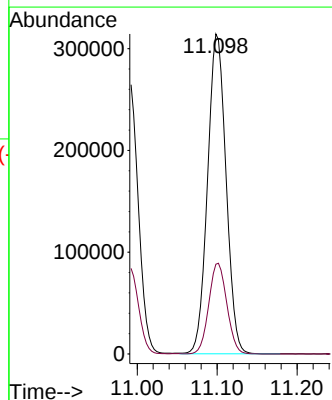
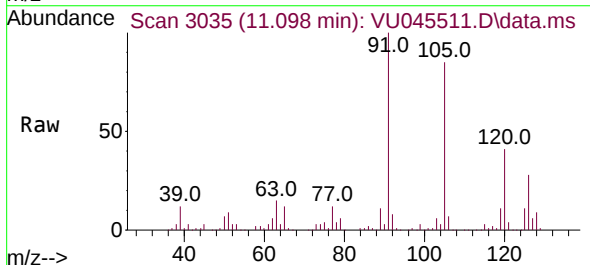
Manual Integrations
APPROVED

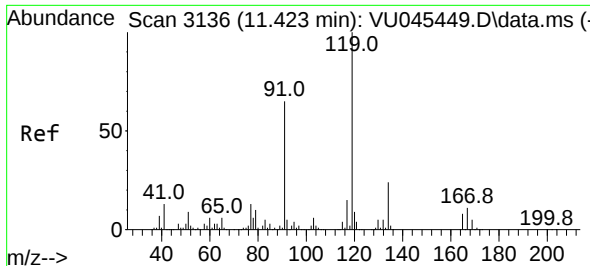
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#82
4-Chlorotoluene
Concen: 54.231 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

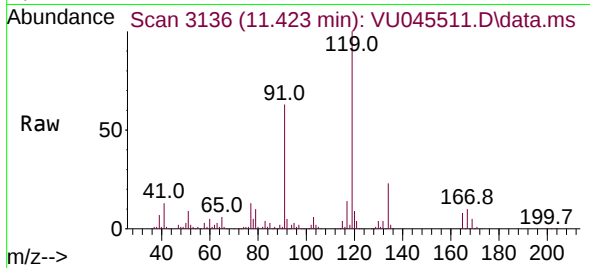
Tgt Ion: 91 Resp: 505209
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4





#83
tert-Butylbenzene
Concen: 53.766 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

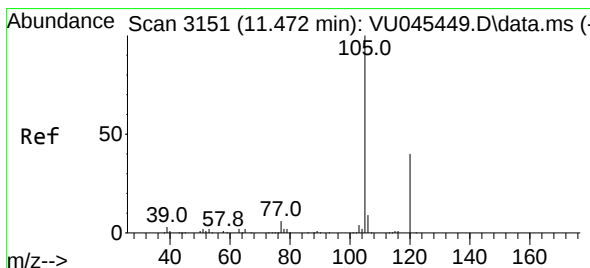
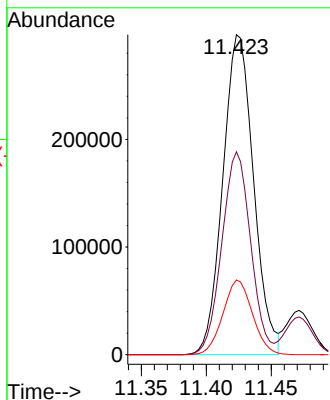
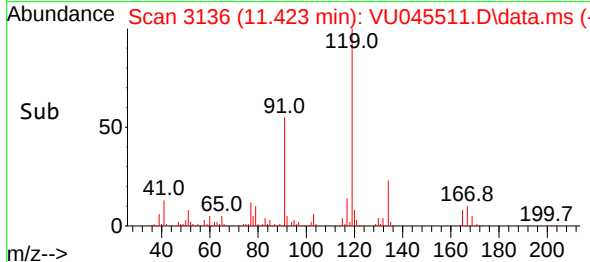
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 490252
Ion Ratio Lower Upper
119 100
91 59.6 30.5 91.5
134 22.4 11.5 34.5

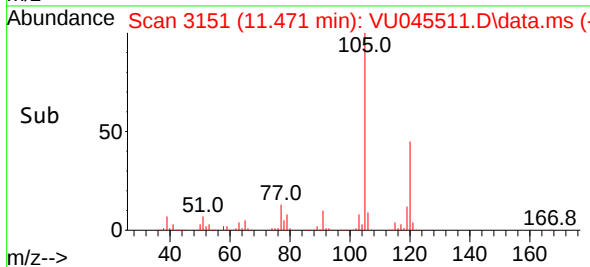
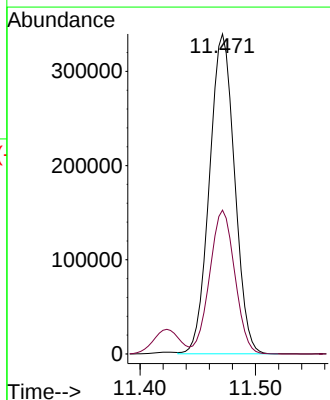
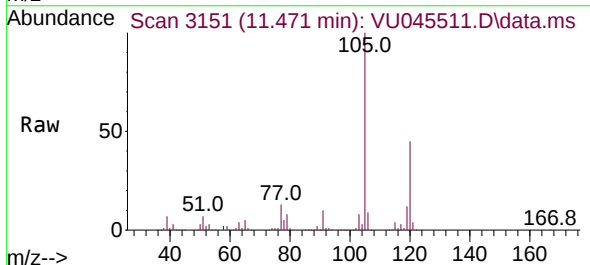
Manual Integrations
APPROVED

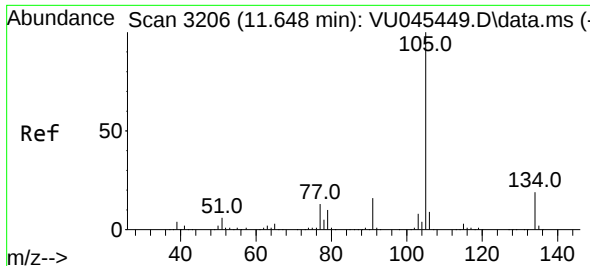
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#84
1,2,4-Trimethylbenzene
Concen: 54.189 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

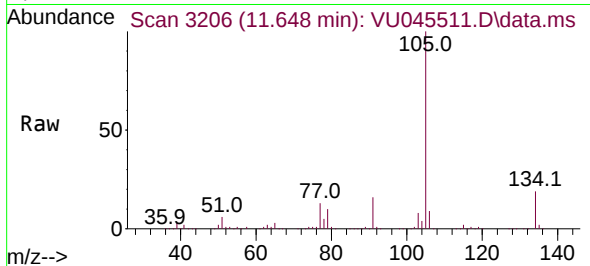
Tgt Ion:105 Resp: 512897
Ion Ratio Lower Upper
105 100
120 45.1 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 54.625 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045511.D
 Acq: 02 Nov 2021 13:33

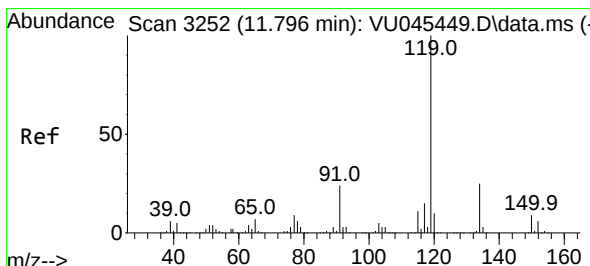
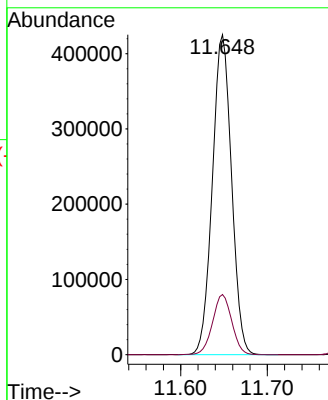
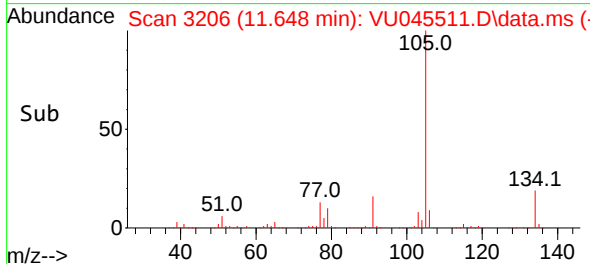
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



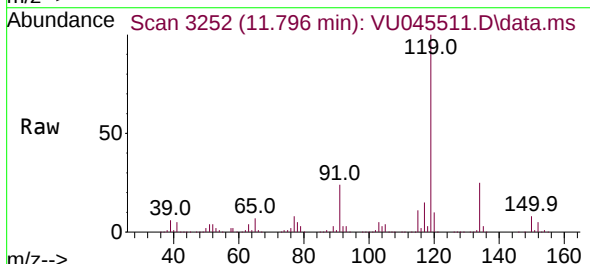
Tgt Ion:105 Resp: 65362
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3

Manual Integrations
 APPROVED

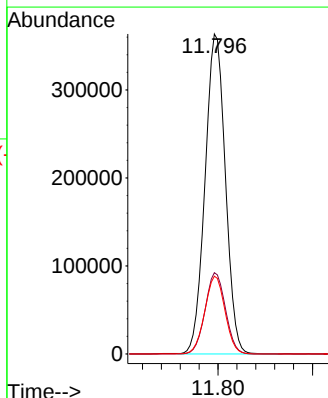
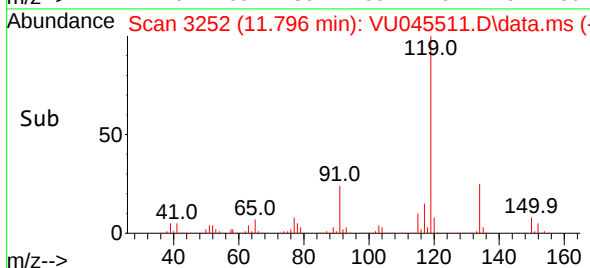
Reviewed By :John Carlone 11/03/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021

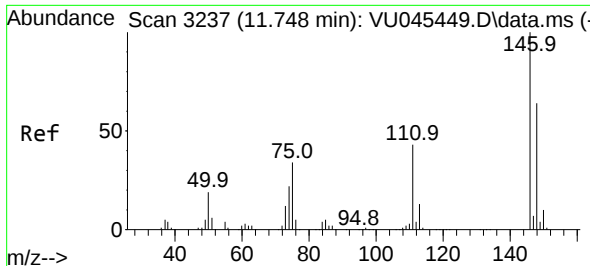


#86
 p-Isopropyltoluene
 Concen: 51.215 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045511.D
 Acq: 02 Nov 2021 13:33



Tgt Ion:119 Resp: 542945
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 52.522 ug/l

RT: 11.748 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

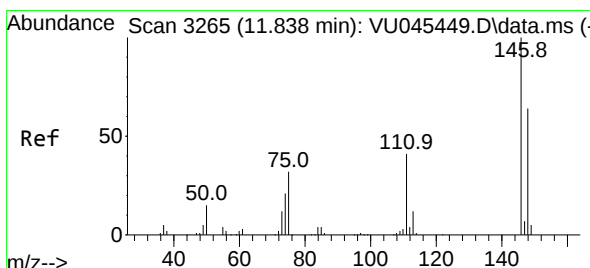
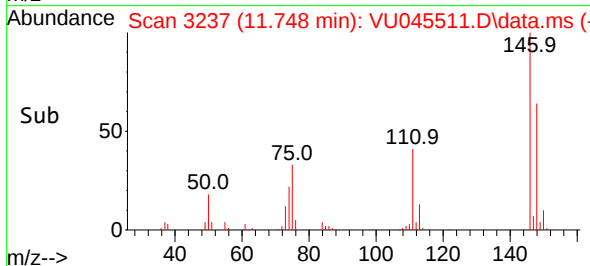
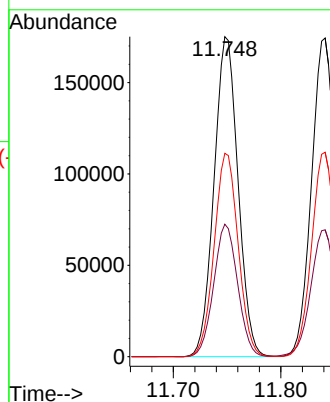
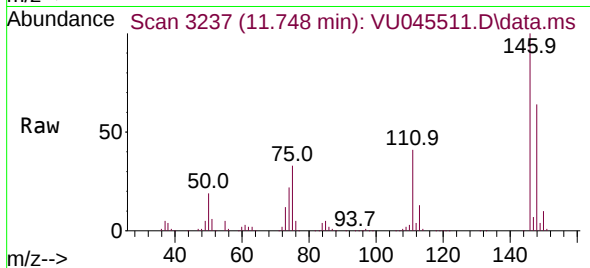
Tgt Ion:146 Resp: 271564
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.3 63.9
 148 63.6 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#88

1,4-Dichlorobenzene

Concen: 51.627 ug/l

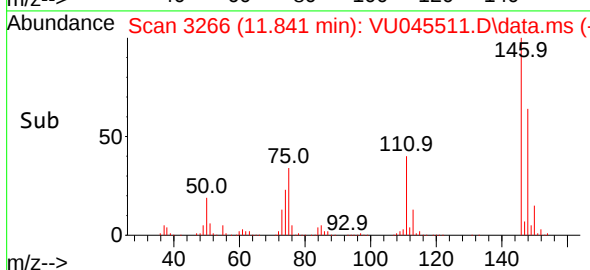
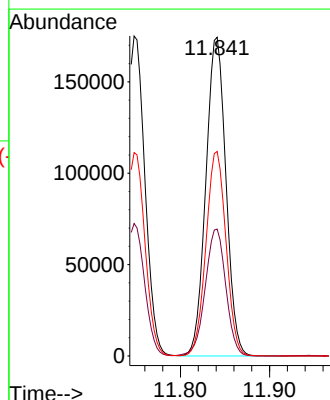
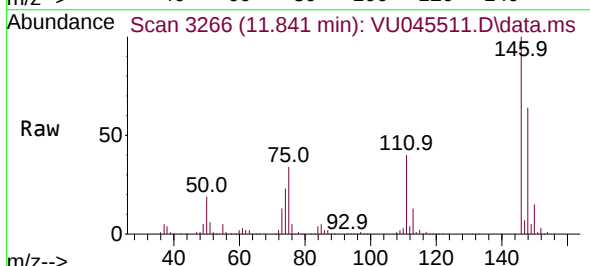
RT: 11.841 min Scan# 3266

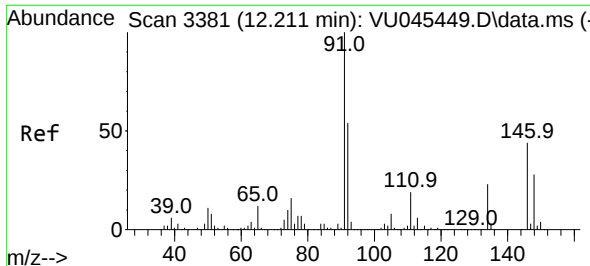
Delta R.T. 0.003 min

Lab File: VU045511.D

Acq: 02 Nov 2021 13:33

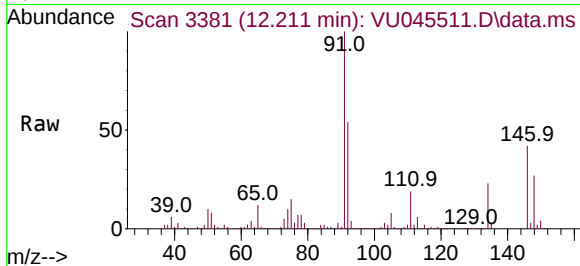
Tgt Ion:146 Resp: 272970
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.6 61.9
 148 64.1 31.9 95.7





#89
n-Butylbenzene
Concen: 51.369 ug/l
RT: 12.211 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

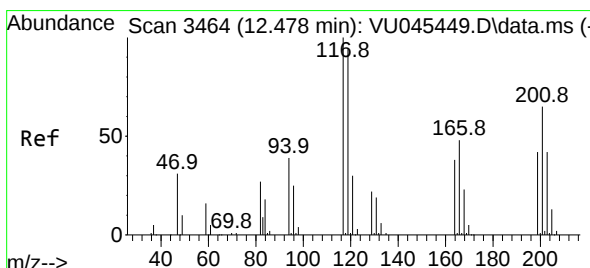
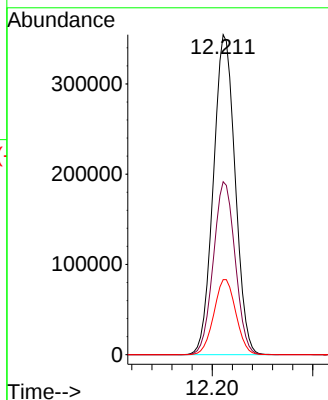
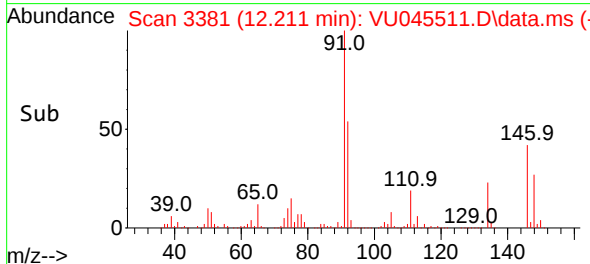
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 53323
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 23.7 11.8 35.4

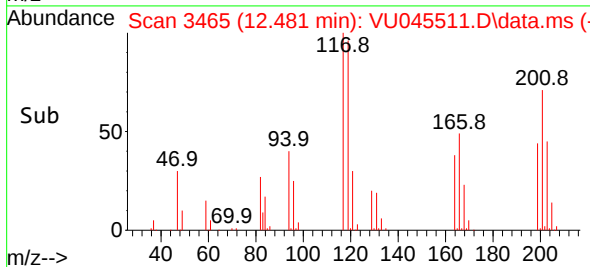
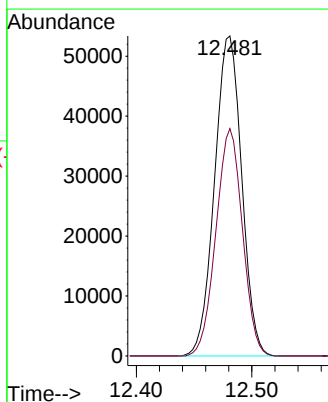
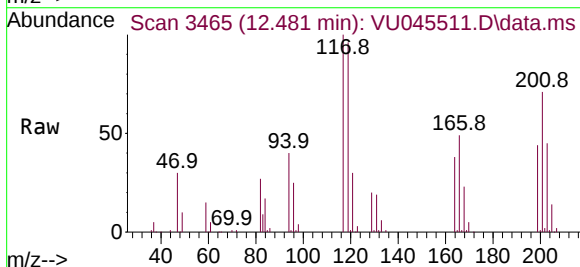
Manual Integrations
APPROVED

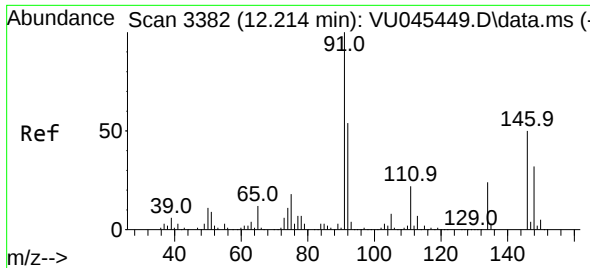
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#90
Hexachloroethane
Concen: 51.080 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

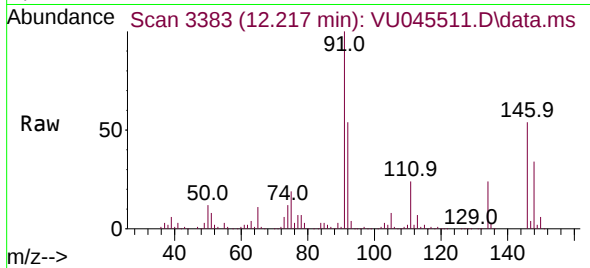
Tgt Ion:117 Resp: 87240
Ion Ratio Lower Upper
117 100
201 69.2 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 51.665 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

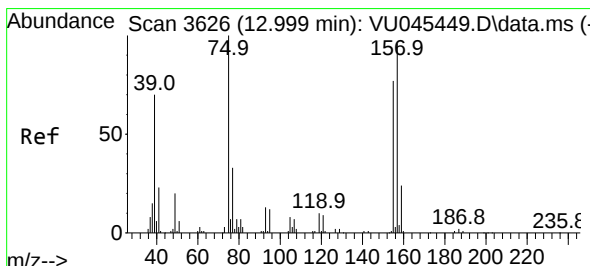
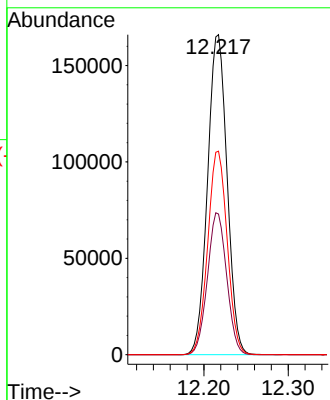
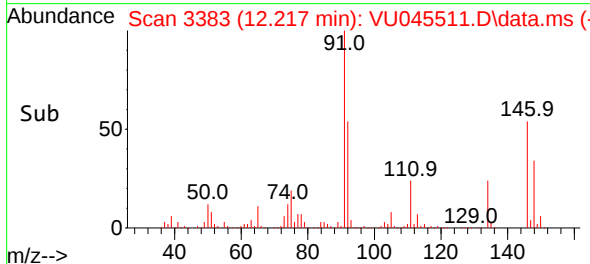
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



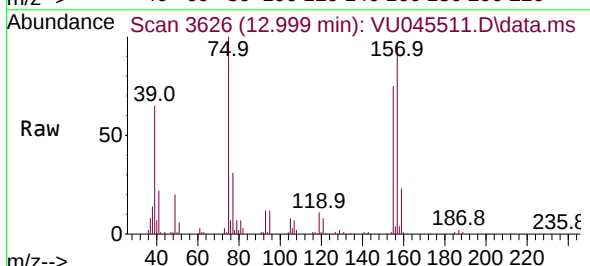
Tgt Ion:146 Resp: 267180
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 63.5 32.1 96.3

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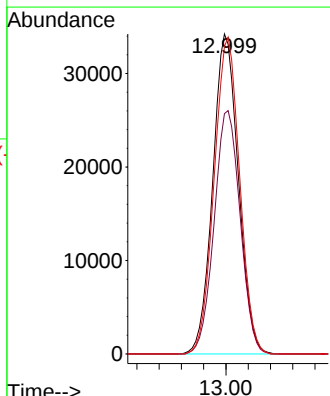
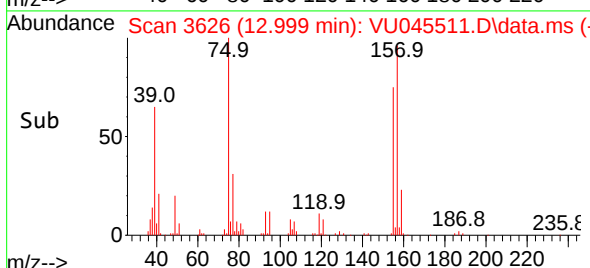
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

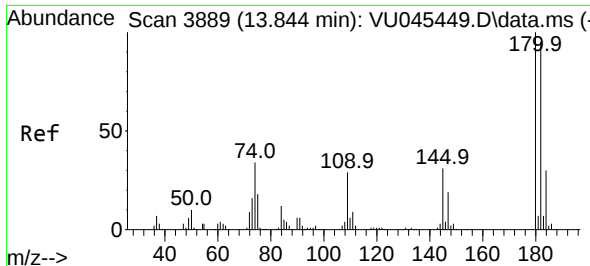


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.090 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33



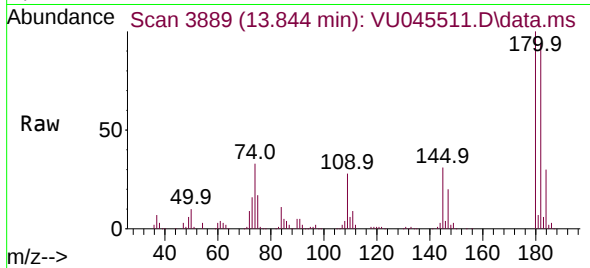
Tgt Ion: 75 Resp: 54675
Ion Ratio Lower Upper
75 100
155 77.2 37.8 113.3
157 98.6 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 54.721 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

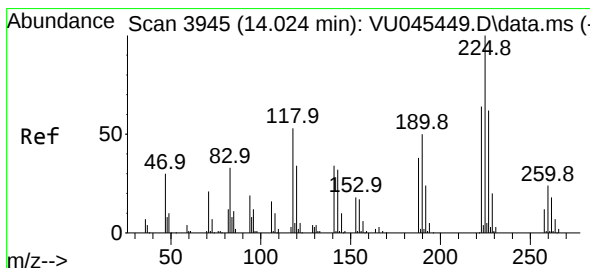
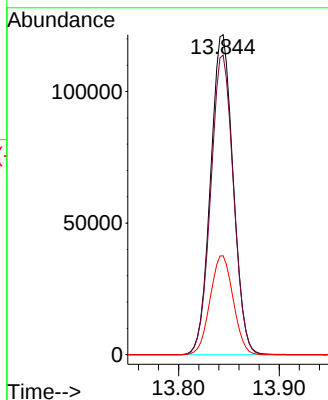
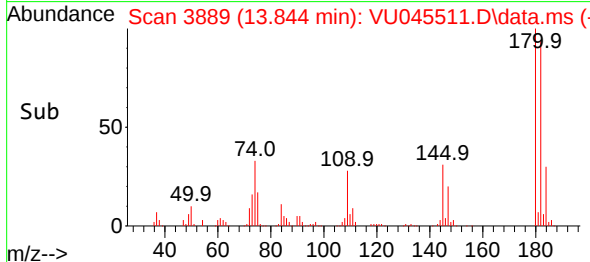
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 189500
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.2
145 31.6 15.6 46.7

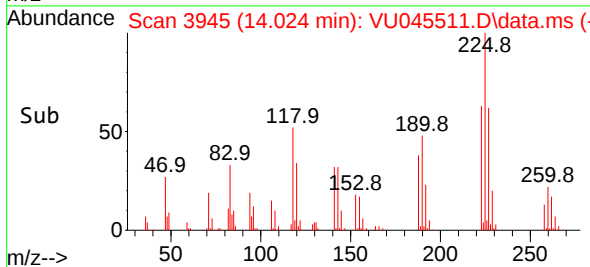
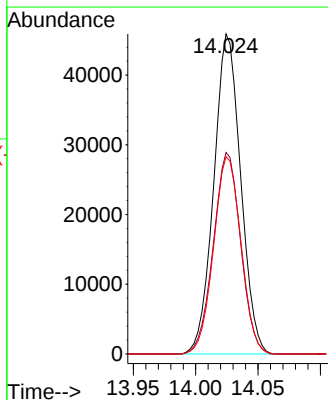
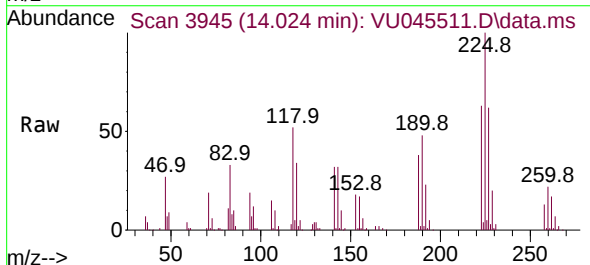
Manual Integrations
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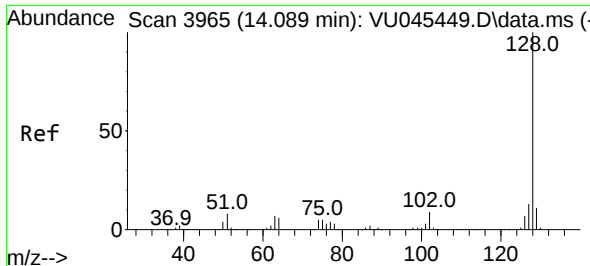
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#94
Hexachlorobutadiene
Concen: 54.679 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

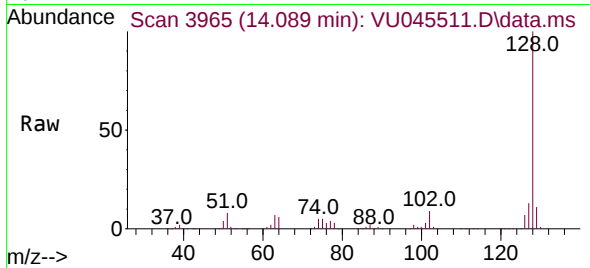
Tgt Ion:225 Resp: 68948
Ion Ratio Lower Upper
225 100
223 63.7 32.0 96.2
227 62.6 31.1 93.5





#95
Naphthalene
Concen: 50.746 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33

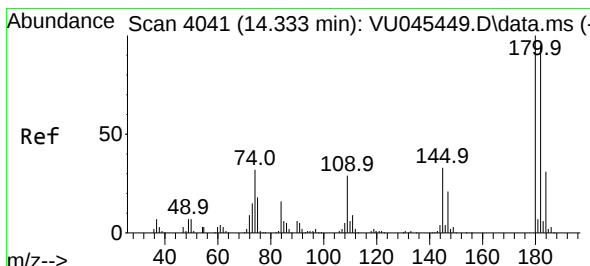
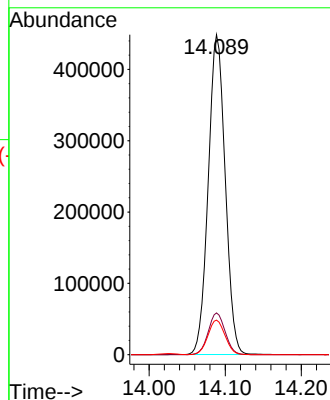
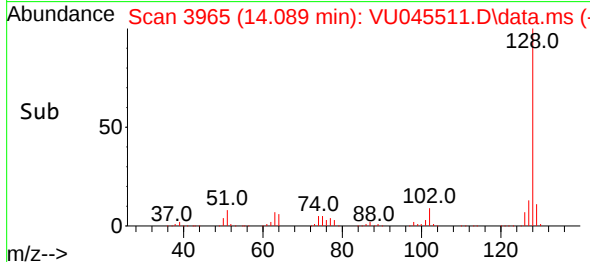
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



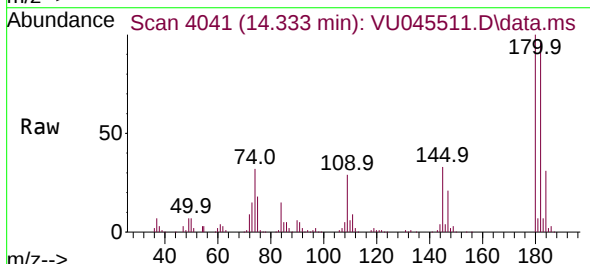
Tgt Ion:128 Resp: 69483
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#96
1,2,3-Trichlorobenzene
Concen: 54.421 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045511.D
Acq: 02 Nov 2021 13:33



Tgt Ion:180 Resp: 189972
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 32.7 16.7 50.0

