

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045515.D
 Acq On : 02 Nov 2021 15:35
 Operator : SY/MD
 Sample : VU1102WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1102WBS02

Quant Time: Nov 02 17:22:52 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	5.379	168	187415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	370684	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	350852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	170950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	147532	48.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.700%		
35) Dibromofluoromethane	5.295	113	110696	46.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.940%		
50) Toluene-d8	7.899	98	466533	50.476	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.960%		
62) 4-Bromofluorobenzene	10.636	95	178383	50.648	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	55765	20.536	ug/l	100
3) Chloromethane	1.520	50	72465	19.431	ug/l	100
4) Vinyl Chloride	1.607	62	66873	21.600	ug/l	99
5) Bromomethane	1.861	94	35127	18.690	ug/l	97
6) Chloroethane	1.938	64	26837	14.388	ug/l	99
7) Trichlorofluoromethane	2.144	101	51939	14.984	ug/l	99
8) Diethyl Ether	2.379	74	24715	15.379	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.585	101	45367	21.785	ug/l	99
10) Methyl Iodide	2.729	142	26376	20.025	ug/l	97
11) Tert butyl alcohol	3.218	59	66284	100.643	ug/l	100
12) 1,1-Dichloroethene	2.585	96	45766	21.374	ug/l	96
13) Acrolein	2.488	56	9501	64.455	ug/l	100
14) Allyl chloride	2.929	41	85441	21.731	ug/l	100
15) Acrylonitrile	3.321	53	172001	107.717	ug/l	99
16) Acetone	2.642	43	144719	104.476	ug/l	95
17) Carbon Disulfide	2.800	76	132444	21.255	ug/l	99
18) Methyl Acetate	2.954	43	109457	21.220	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	171799	21.807	ug/l	100
20) Methylene Chloride	3.051	84	57239	20.737	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	49906	21.629	ug/l	98
22) Diisopropyl ether	3.996	45	173273	22.536	ug/l	96
23) Vinyl Acetate	3.961	43	656155	110.020	ug/l	100
24) 1,1-Dichloroethane	3.877	63	98756	21.919	ug/l	99
25) 2-Butanone	4.710	43	133255	63.724	ug/l #	88
26) 2,2-Dichloropropane	4.671	77	48351	13.853	ug/l	97
27) cis-1,2-Dichloroethene	4.675	96	43368	16.334	ug/l	91
28) Bromochloromethane	4.980	49	53571	24.106	ug/l	92
29) Tetrahydrofuran	5.057	42	120266	88.683	ug/l	97
30) Chloroform	5.092	83	83335	19.076	ug/l	99
31) Cyclohexane	5.392	56	89849	19.779	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	73163	20.407	ug/l	98
36) 1,1-Dichloropropene	5.527	75	64847	18.377	ug/l	100
37) Ethyl Acetate	4.806	43	51382	12.024	ug/l	95
38) Carbon Tetrachloride	5.527	117	55969	18.187	ug/l	100
39) Methylcyclohexane	6.768	83	88226	20.106	ug/l	99
40) Benzene	5.777	78	193922	18.257	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	37097	16.403	ug/l	95
42) 1,2-Dichloroethane	5.803	62	59812	15.332	ug/l	95
43) Isopropyl Acetate	5.916	43	122327	18.994	ug/l	99
44) Trichloroethene	6.546	130	51319	20.846	ug/l	100
45) 1,2-Dichloropropane	6.793	63	57908	20.716	ug/l	98
46) Dibromomethane	6.922	93	38192	20.983	ug/l	99
47) Bromodichloromethane	7.108	83	74024	20.665	ug/l	98
48) Methyl methacrylate	6.961	41	60120	19.695	ug/l	99
49) 1,4-Dioxane	7.009	88	29335	378.134	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	416469	100.052	ug/l	99
52) Toluene	7.973	92	133614	20.693	ug/l	99
53) t-1,3-Dichloropropene	8.215	75	82369	20.175	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	89552	20.481	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	53263	20.195	ug/l	99
56) Ethyl methacrylate	8.337	69	87677	19.212	ug/l	99
57) 1,3-Dichloropropane	8.578	76	95287	20.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	227366	94.049	ug/l	99
59) 2-Hexanone	8.687	43	315470	97.818	ug/l	99
60) Dibromochloromethane	8.813	129	49793	19.672	ug/l	100
61) 1,2-Dibromoethane	8.925	107	56256	20.364	ug/l	99
64) Tetrachloroethene	8.555	164	41773	20.829	ug/l	99
65) Chlorobenzene	9.449	112	134705	20.250	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	45717	20.370	ug/l	98
67) Ethyl Benzene	9.571	91	250025	20.518	ug/l	99
68) m/p-Xylenes	9.697	106	192290	41.805	ug/l	99
69) o-Xylene	10.102	106	92736	20.676	ug/l	100
70) Styrene	10.115	104	155497	19.360	ug/l	99
71) Bromoform	10.295	173	35455	18.757	ug/l #	100
73) Isopropylbenzene	10.488	105	239816	20.805	ug/l	100
74) N-amyl acetate	10.321	43	104649	18.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	92199	20.153	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	91224m	20.028	ug/l	
77) Bromobenzene	10.784	156	56685	21.076	ug/l	99
78) n-propylbenzene	10.909	91	296511	21.217	ug/l	99
79) 2-Chlorotoluene	10.989	91	176242	20.952	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	204037	21.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	26697	18.208	ug/l	94
82) 4-Chlorotoluene	11.099	91	205303	21.463	ug/l	100
83) tert-Butylbenzene	11.423	119	191249	20.427	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	204462	21.038	ug/l	100
85) sec-Butylbenzene	11.645	105	255035	20.758	ug/l	100
86) p-Isopropyltoluene	11.796	119	210416	19.447	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	106681	20.094	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	108565	19.997	ug/l	99
89) n-Butylbenzene	12.211	91	196334	19.022	ug/l	100
90) Hexachloroethane	12.478	117	33419	19.057	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	107890	20.318	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	20782	18.913	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	70375	19.791	ug/l	99
94) Hexachlorobutadiene	14.025	225	25092	19.380	ug/l	98
95) Naphthalene	14.089	128	263776	18.825	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	72508	20.229	ug/l	99

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ClientSampleId :
VU1102WBS02

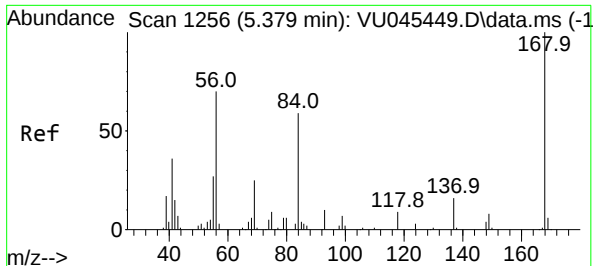
Manual Integrations
APPROVED

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Quant Time: Nov 02 17:22:52 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

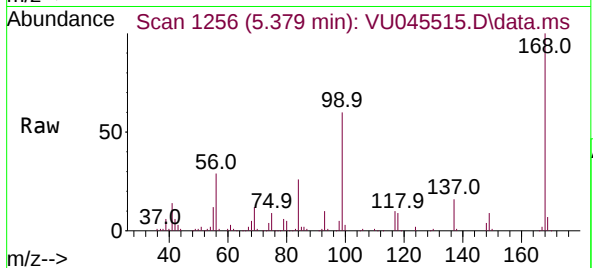
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045515.D
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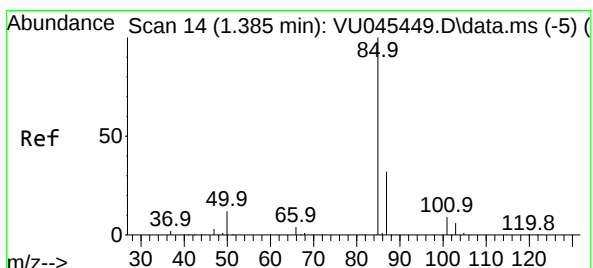
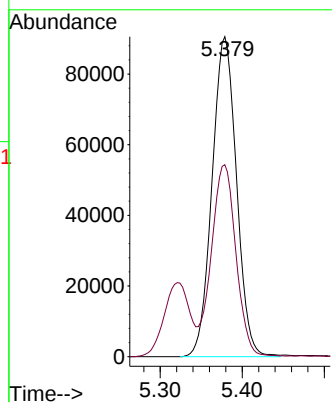
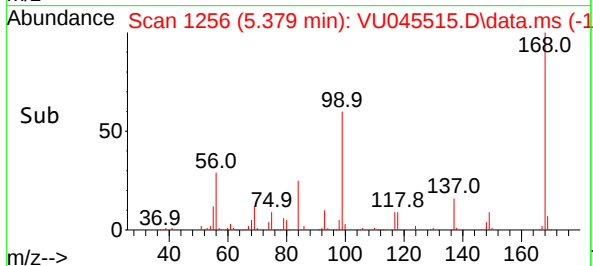
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



Tgt Ion:168 Resp: 18741
Ion Ratio Lower Upper
168 100
99 59.8 51.0 76.6

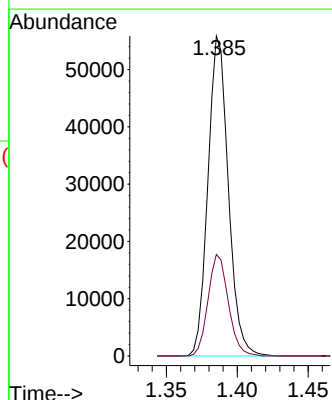
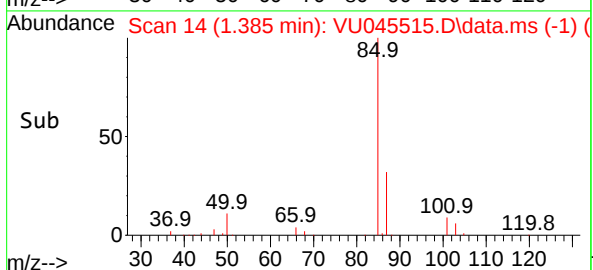
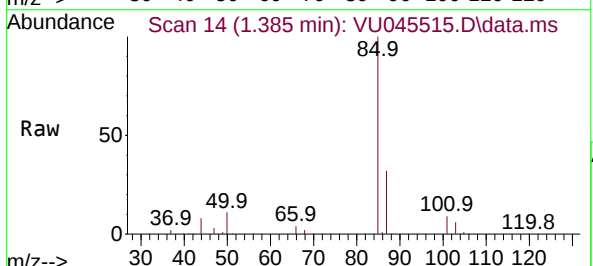
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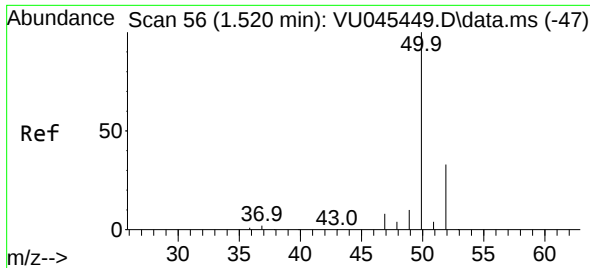
Reviewed By :John Carlone 11/03/2021
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#2
Dichlorodifluoromethane
Concen: 20.536 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion: 85 Resp: 55765
Ion Ratio Lower Upper
85 100
87 31.8 15.9 47.7





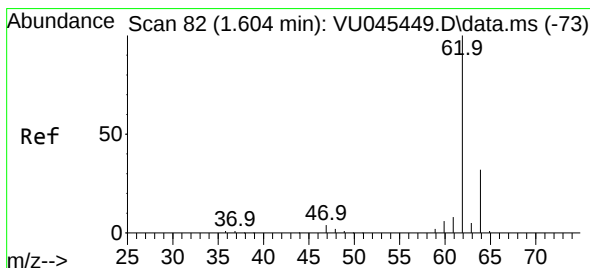
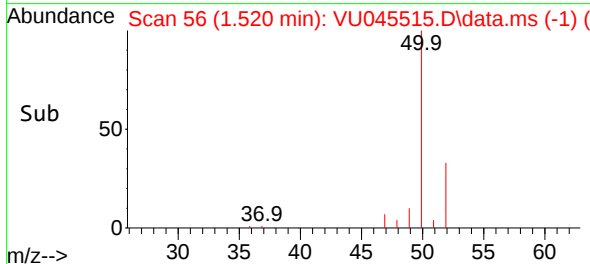
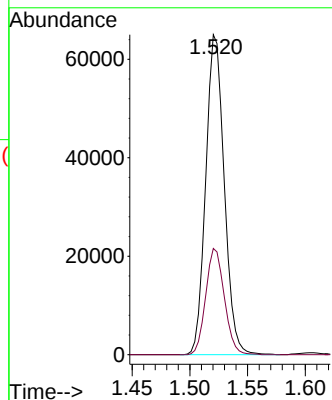
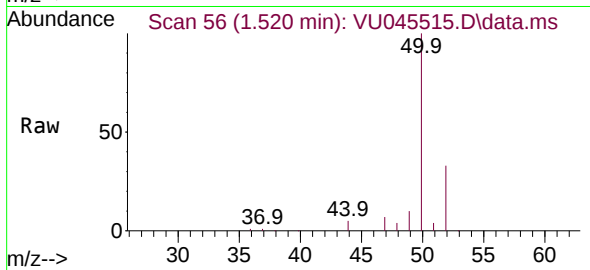
#3
Chloromethane
Concen: 19.431 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
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ClientSampleId :
VU1102WBS02

Tgt Ion: 50 Resp: 7246
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0

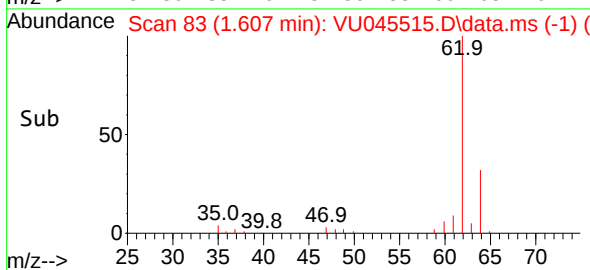
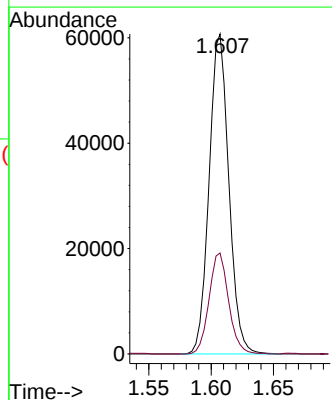
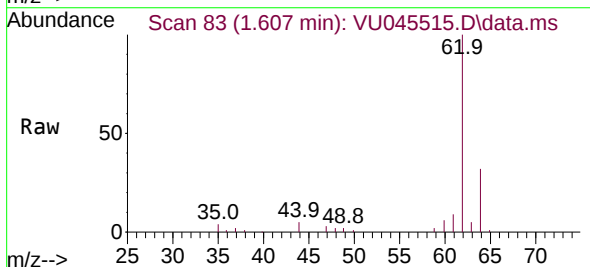
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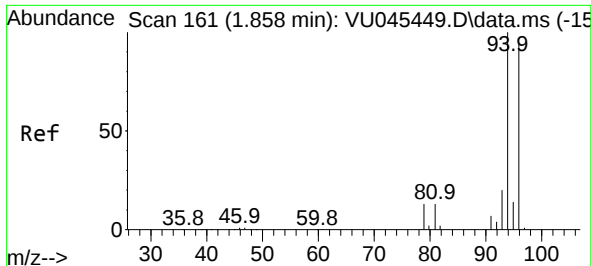
Reviewed By :John Carlone 11/03/2021
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#4
Vinyl Chloride
Concen: 21.600 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion: 62 Resp: 66873
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





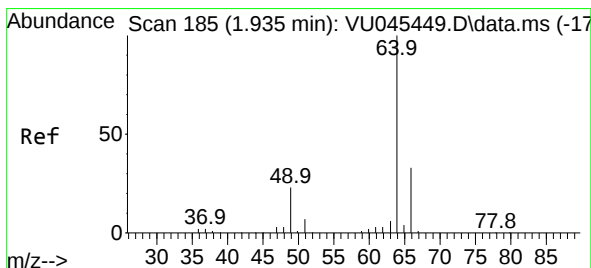
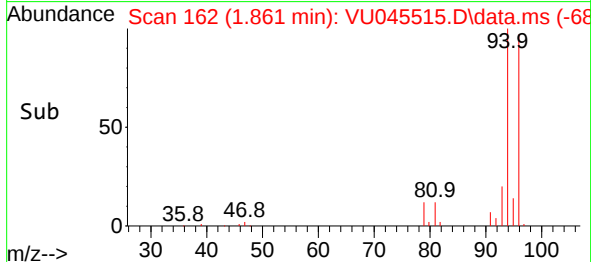
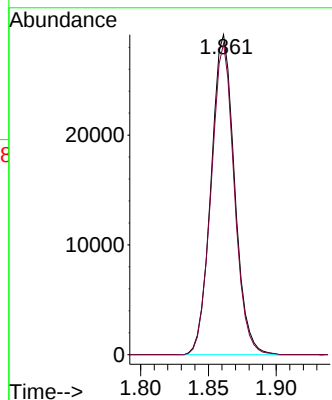
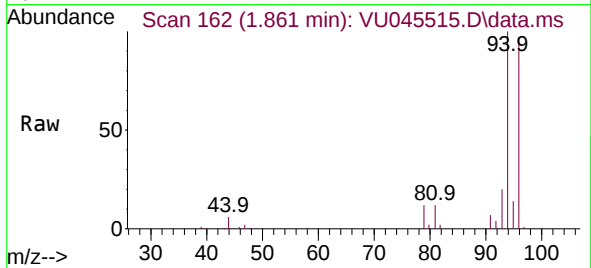
#5
Bromomethane
Concen: 18.690 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion: 94 Resp: 3512
Ion Ratio Lower Upper
94 100
96 97.2 75.4 113.2

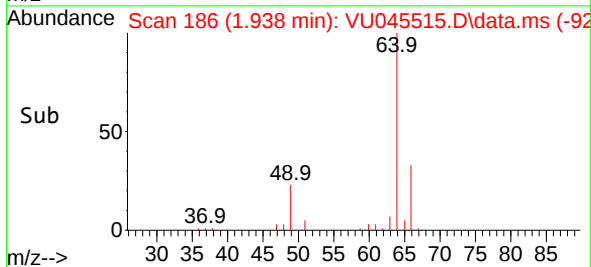
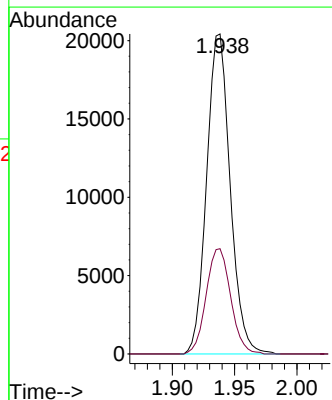
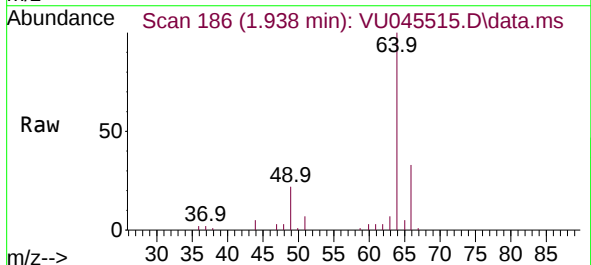
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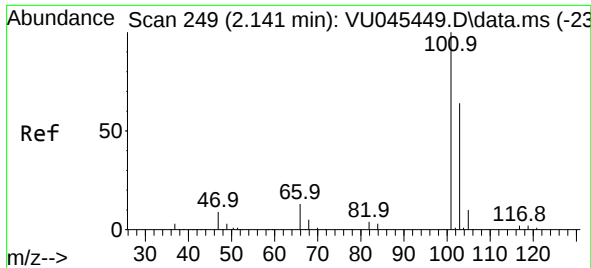
Reviewed By :John Carlone 11/03/2021
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#6
Chloroethane
Concen: 14.388 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion: 64 Resp: 26837
Ion Ratio Lower Upper
64 100
66 32.9 26.7 40.1





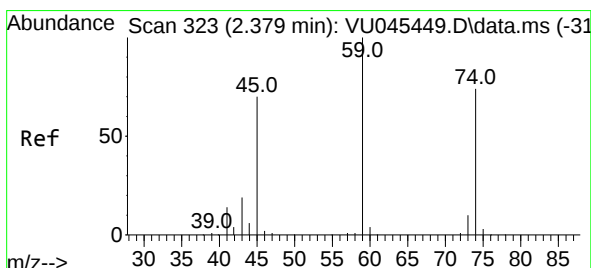
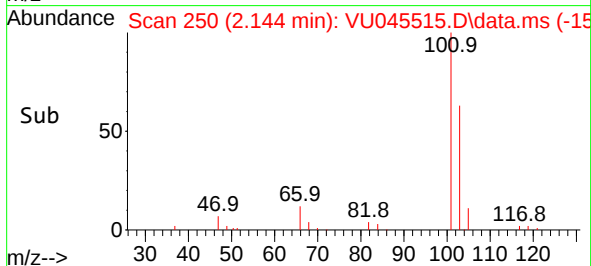
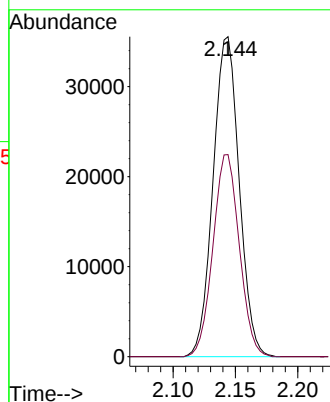
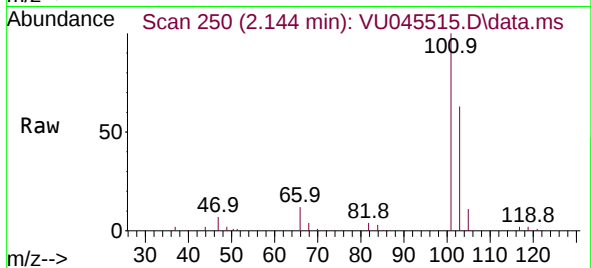
#7
Trichlorofluoromethane
Concen: 14.984 ug/l
RT: 2.144 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion:101 Resp: 51939
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.0

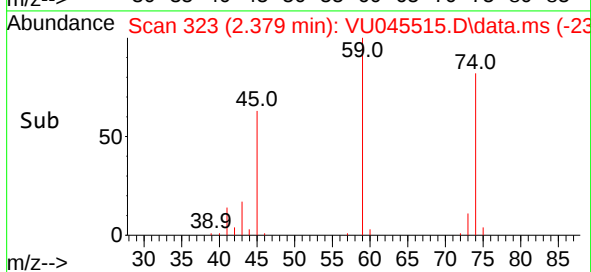
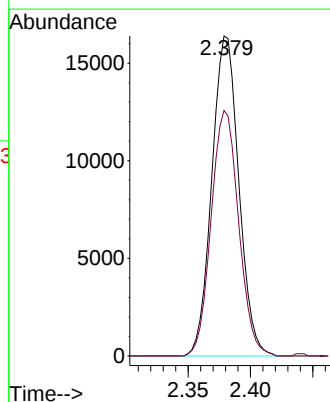
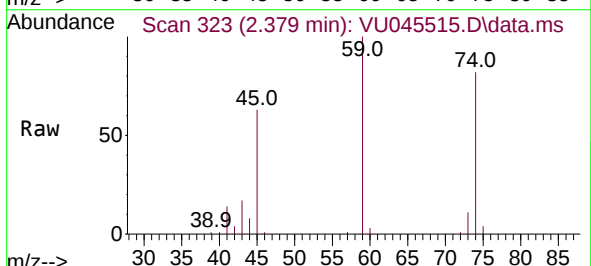
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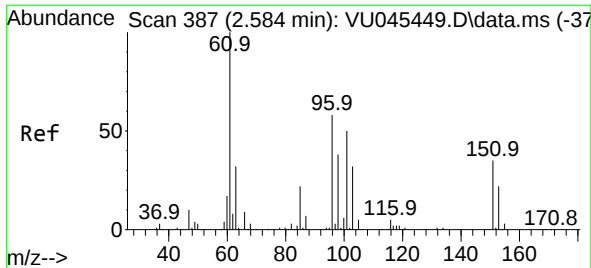
Reviewed By :John Carlone 11/03/2021
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#8
Diethyl Ether
Concen: 15.379 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion: 74 Resp: 24715
Ion Ratio Lower Upper
74 100
45 78.1 47.3 141.8





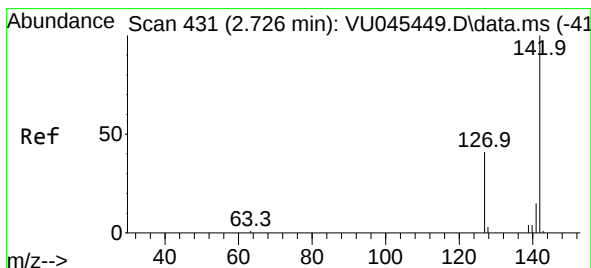
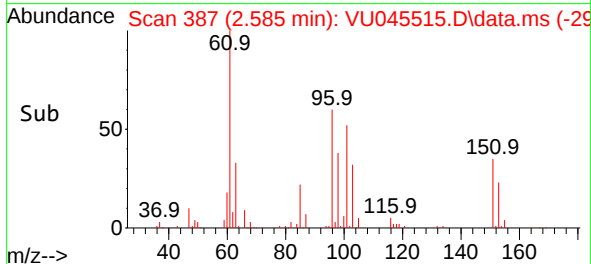
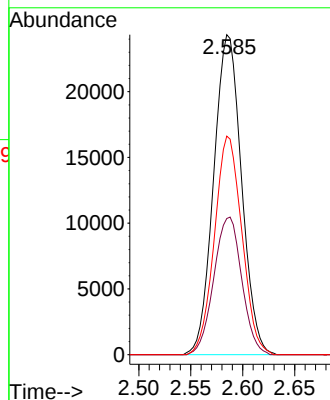
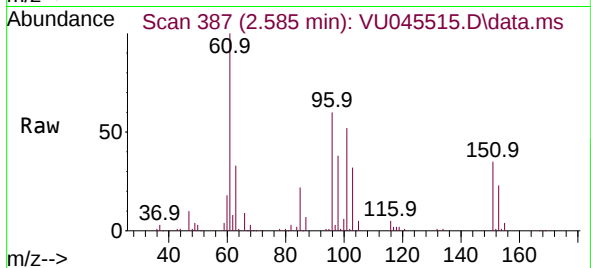
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.785 ug/l
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion:101 Resp: 4536
Ion Ratio Lower Upper
101 100
85 43.2 35.0 52.4
151 67.3 54.6 82.0

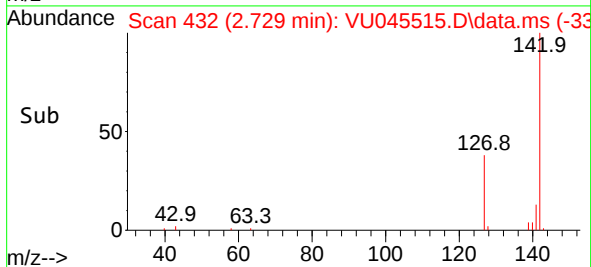
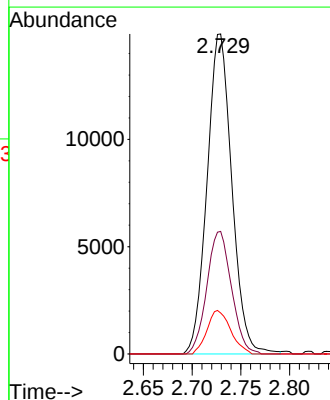
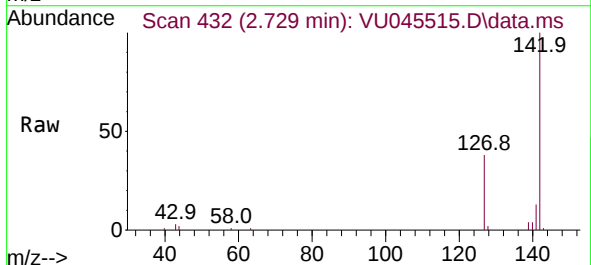
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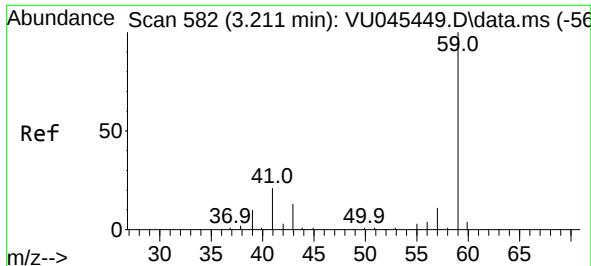
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#10
Methyl Iodide
Concen: 20.025 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion:142 Resp: 26376
Ion Ratio Lower Upper
142 100
127 38.0 32.2 48.2
141 13.0 11.3 16.9





#11

Tert butyl alcohol

Concen: 100.643 ug/l

RT: 3.218 min Scan# 582

Delta R.T. 0.007 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 59 Resp: 66284

Ion Ratio Lower Upper

59 100

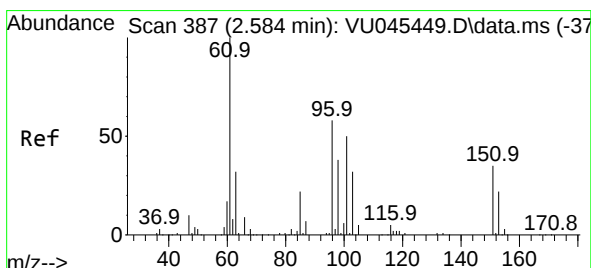
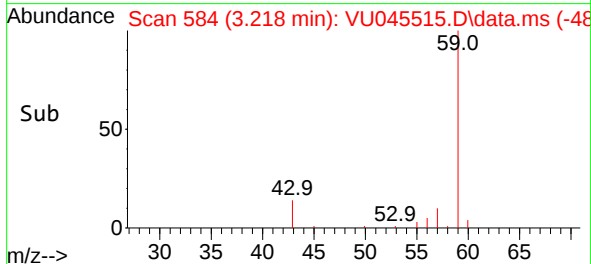
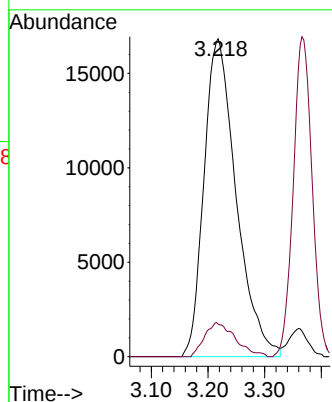
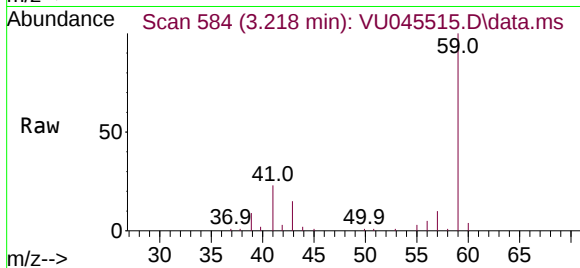
57 10.3 8.3 12.5

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Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#12

1,1-Dichloroethene

Concen: 21.374 ug/l

RT: 2.585 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

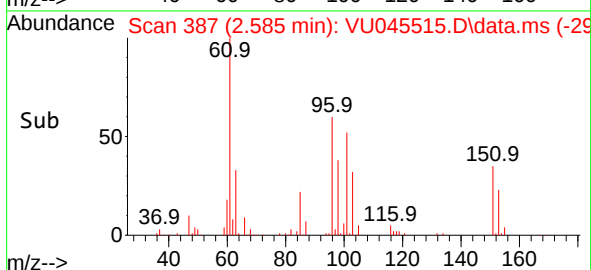
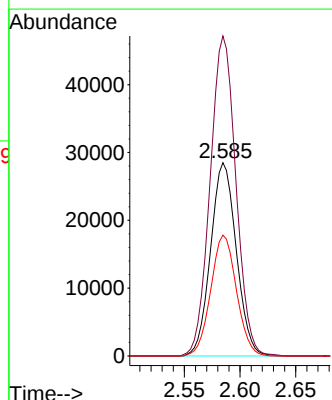
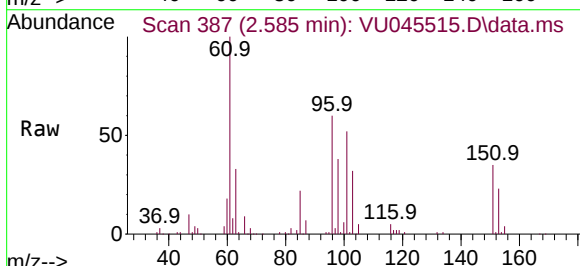
Tgt Ion: 96 Resp: 45766

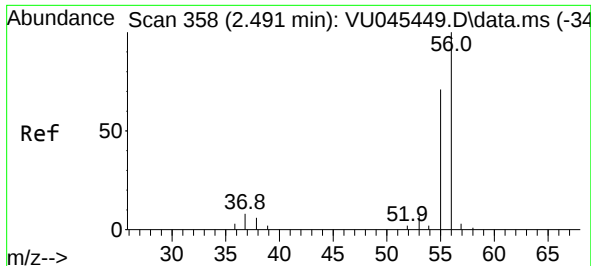
Ion Ratio Lower Upper

96 100

61 165.5 137.1 205.7

98 62.5 51.5 77.3





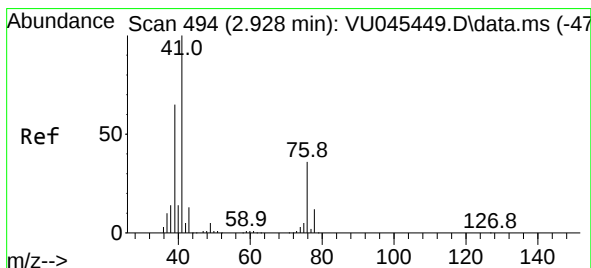
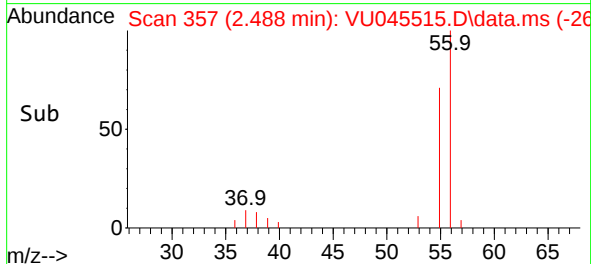
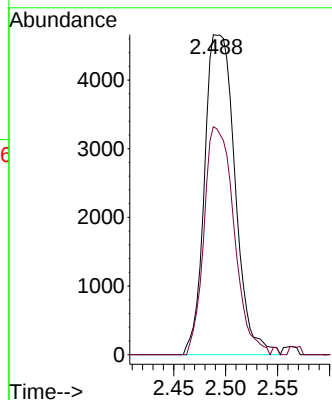
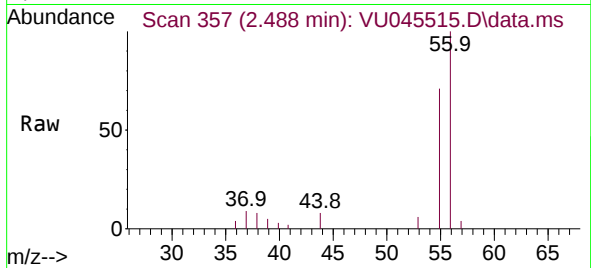
#13
Acrolein
Concen: 64.455 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion: 56 Resp: 950
Ion Ratio Lower Upper
56 100
55 70.0 56.3 84.5

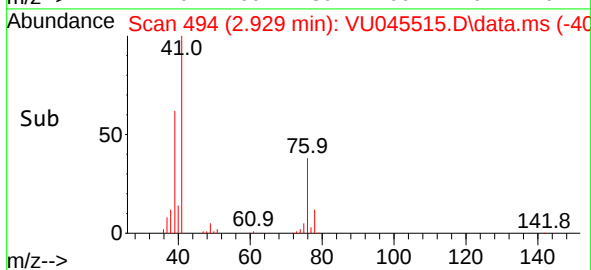
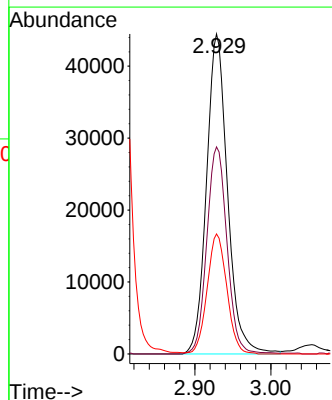
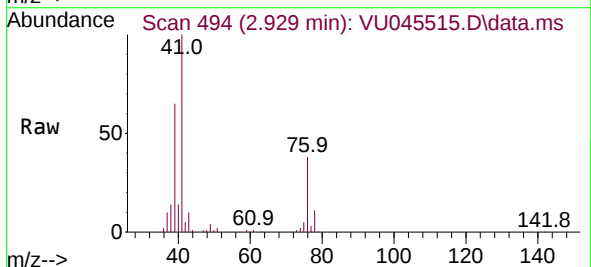
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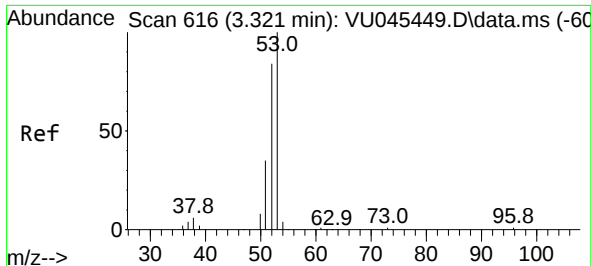
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#14
Allyl chloride
Concen: 21.731 ug/l
RT: 2.929 min Scan# 494
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

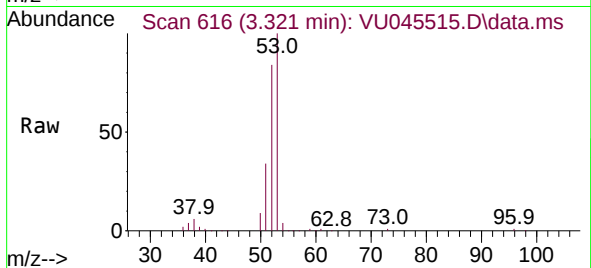
Tgt Ion: 41 Resp: 85441
Ion Ratio Lower Upper
41 100
39 62.2 49.7 74.5
76 35.1 27.7 41.5





#15
Acrylonitrile
Concen: 107.717 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

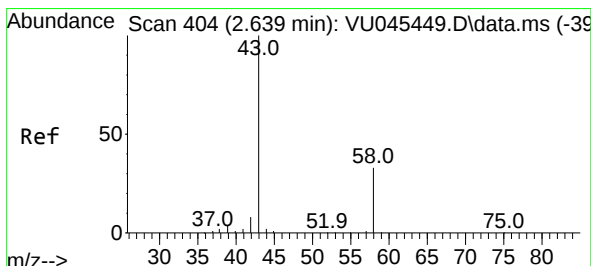
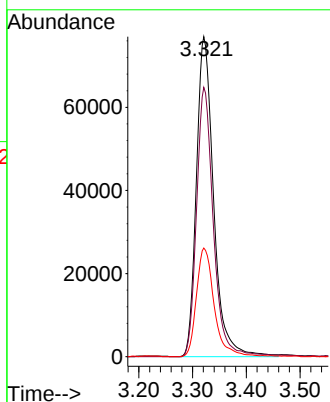
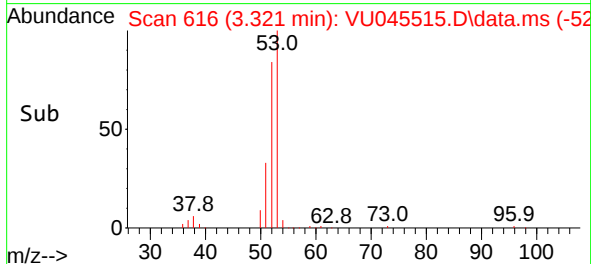
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



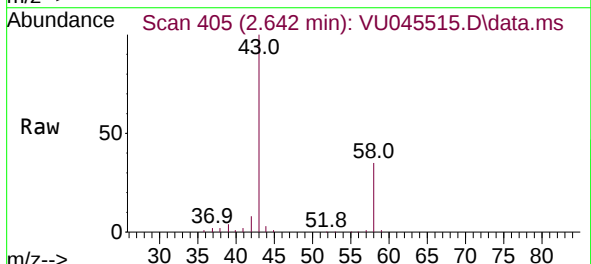
Tgt Ion: 53 Resp: 17200
Ion Ratio Lower Upper
53 100
52 82.2 66.6 100.0
51 34.9 28.4 42.6

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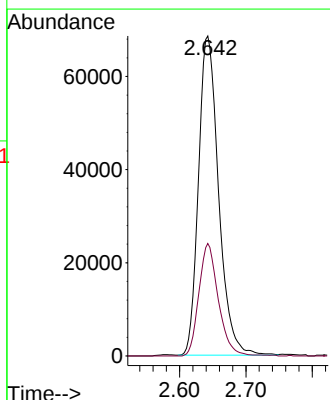
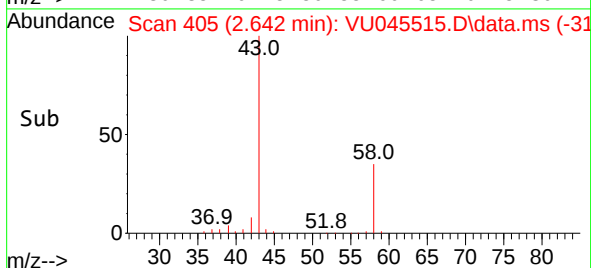
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

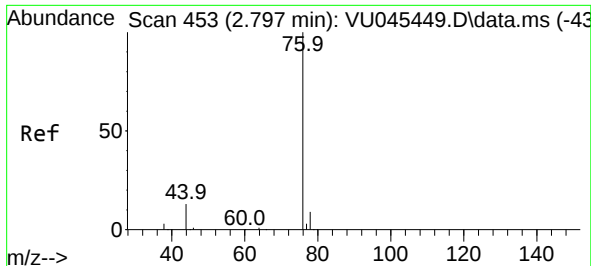


#16
Acetone
Concen: 104.476 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35



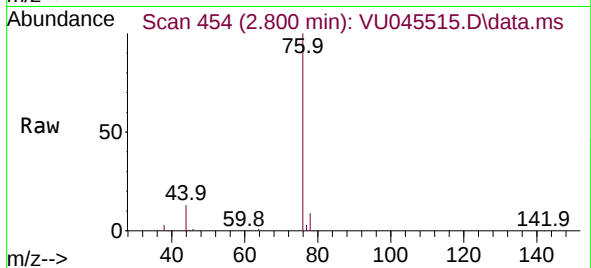
Tgt Ion: 43 Resp: 144719
Ion Ratio Lower Upper
43 100
58 35.3 26.2 39.2





#17
Carbon Disulfide
Concen: 21.255 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

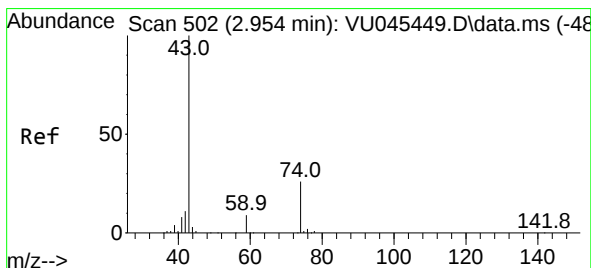
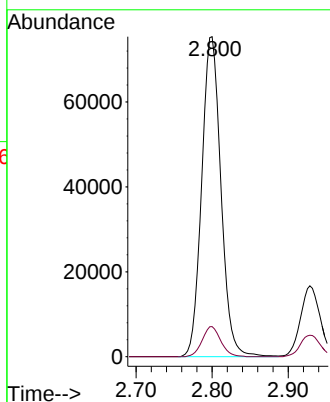
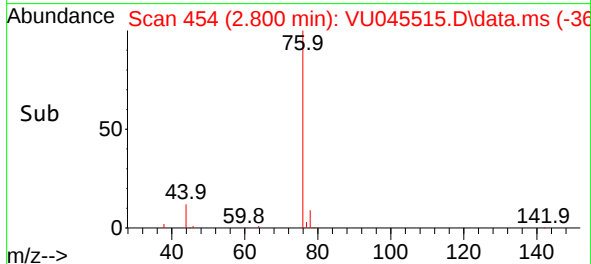
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



Tgt Ion: 76 Resp: 132444
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

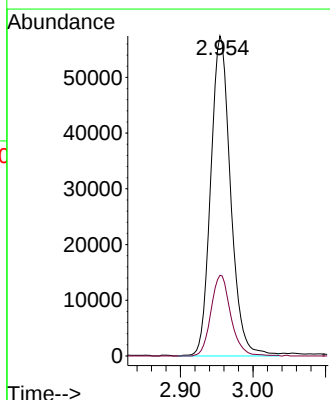
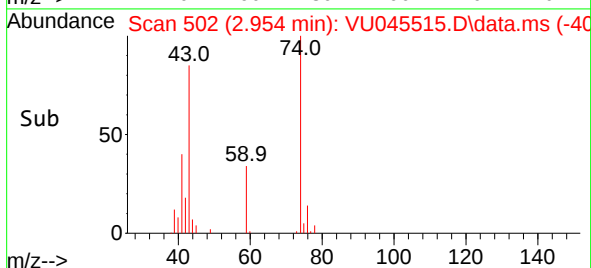
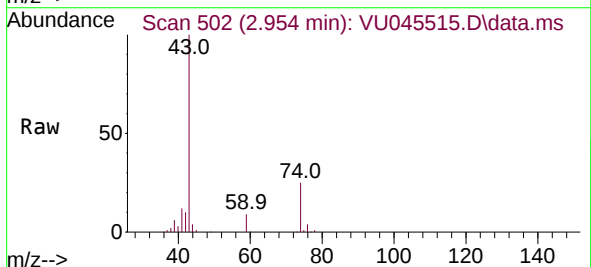
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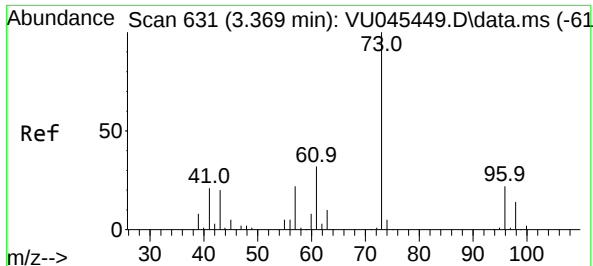
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#18
Methyl Acetate
Concen: 21.220 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion: 43 Resp: 109457
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 21.807 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 73 Resp: 171799

Ion Ratio Lower Upper

73 100

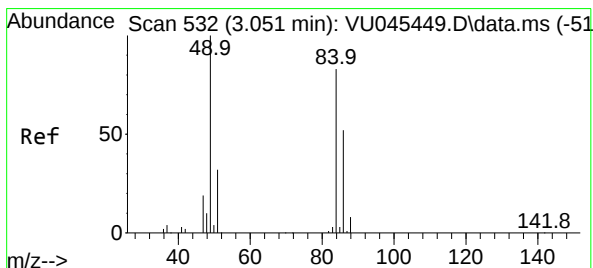
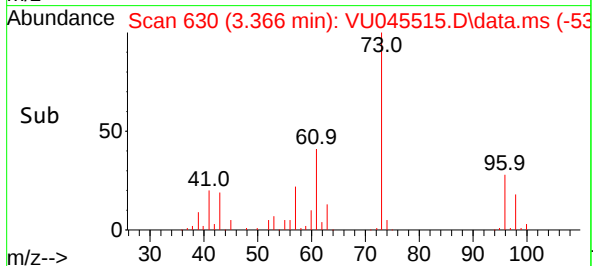
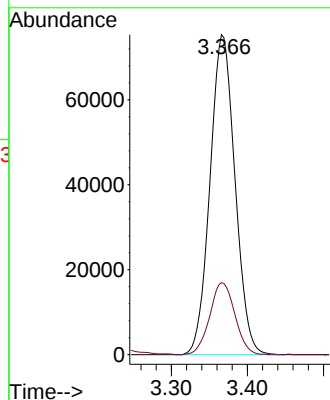
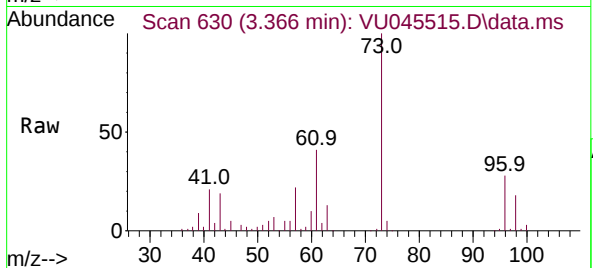
57 22.5 18.1 27.1

Manual Integrations

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Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#20

Methylene Chloride

Concen: 20.737 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Tgt Ion: 84 Resp: 57239

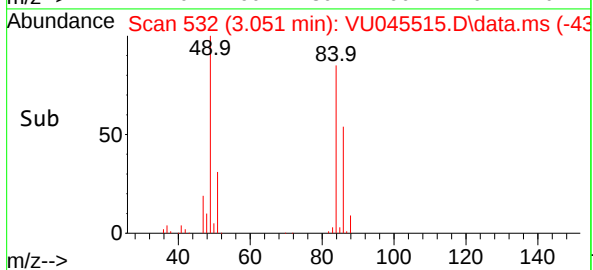
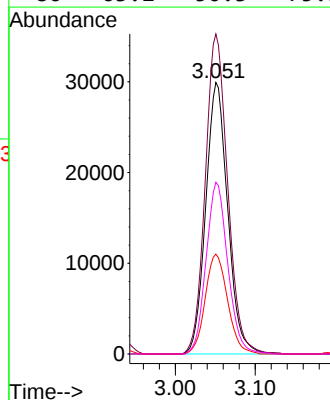
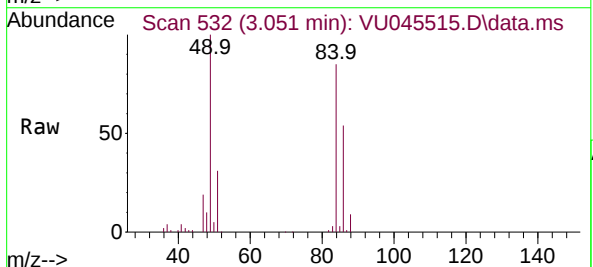
Ion Ratio Lower Upper

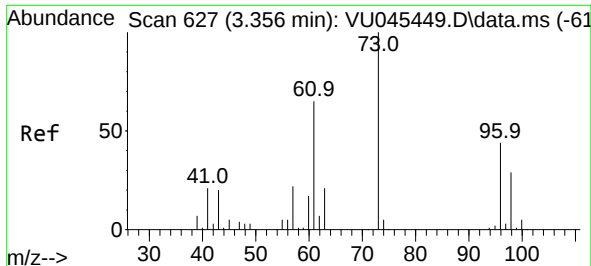
84 100

49 117.9 96.4 144.6

51 36.8 30.5 45.7

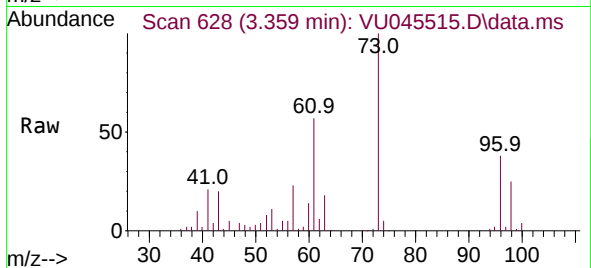
86 63.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 21.629 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

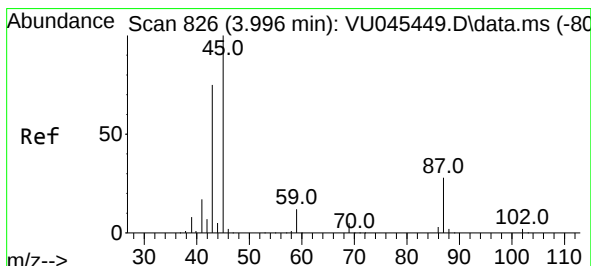
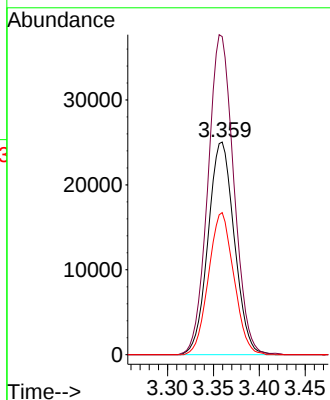
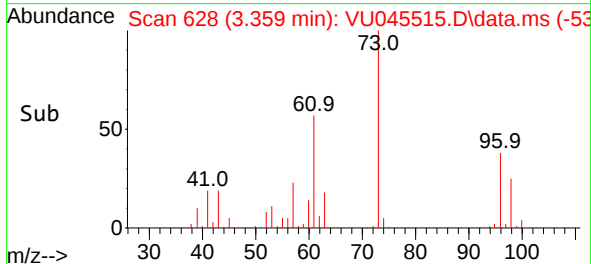
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



Tgt Ion: 96 Resp: 49900
Ion Ratio Lower Upper
96 100
61 149.6 118.2 177.4
98 66.8 52.1 78.1

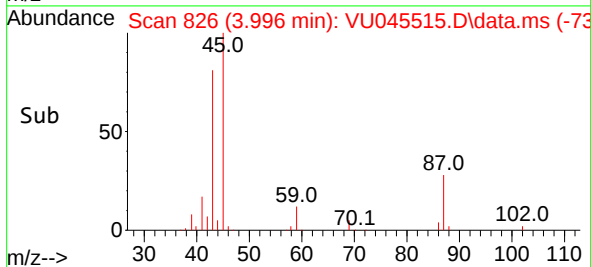
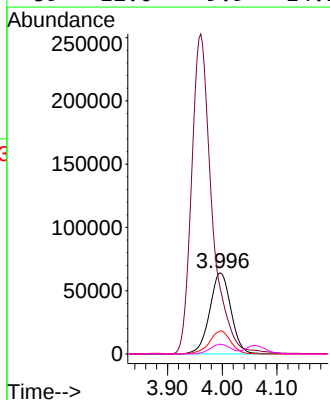
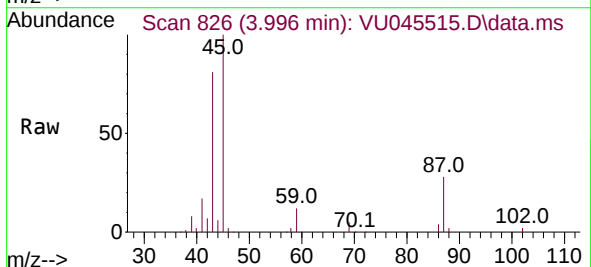
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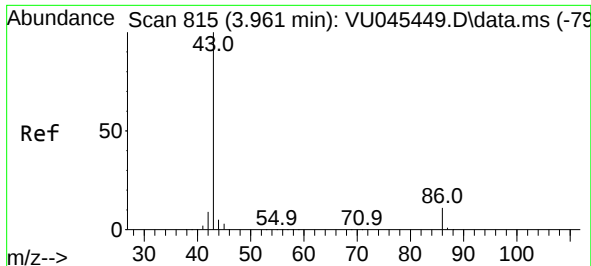
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#22
Diisopropyl ether
Concen: 22.536 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion: 45 Resp: 173273
Ion Ratio Lower Upper
45 100
43 80.0 60.0 90.0
87 28.3 22.3 33.5
59 12.0 9.9 14.9





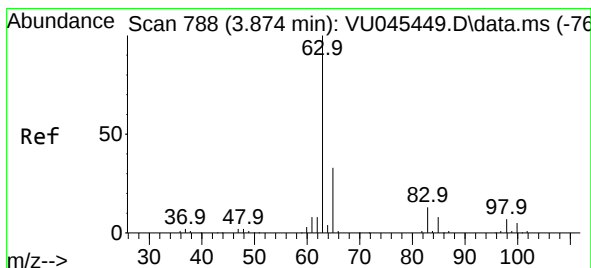
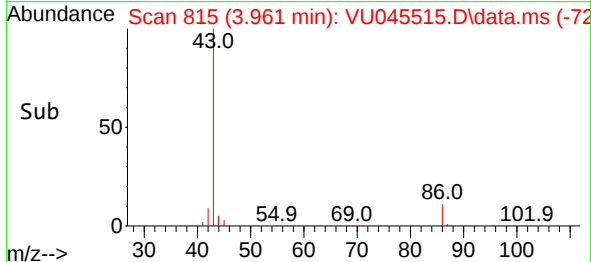
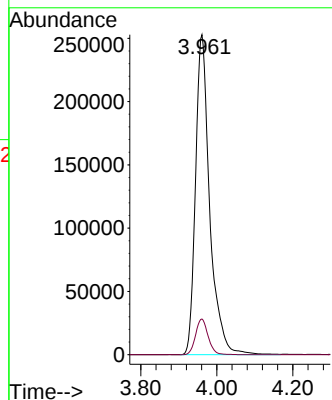
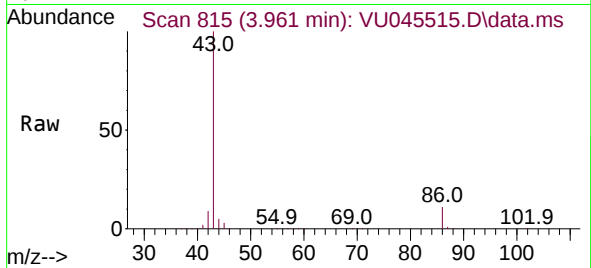
#23
 Vinyl Acetate
 Concen: 110.020 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VU045515.D
 Acq: 02 Nov 2021 15:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1102WBS02

Tgt Ion: 43 Resp: 65615
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3

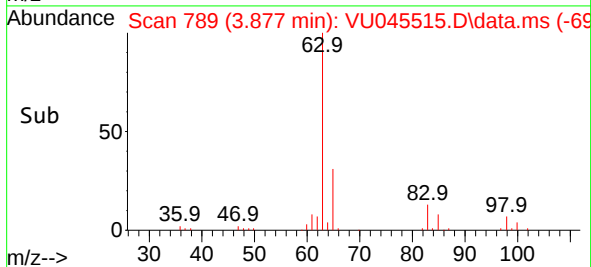
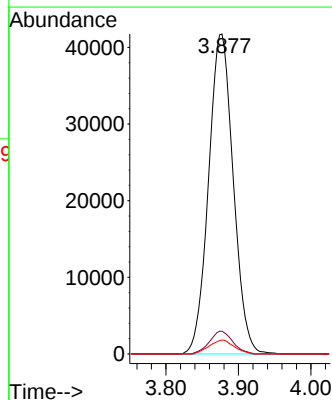
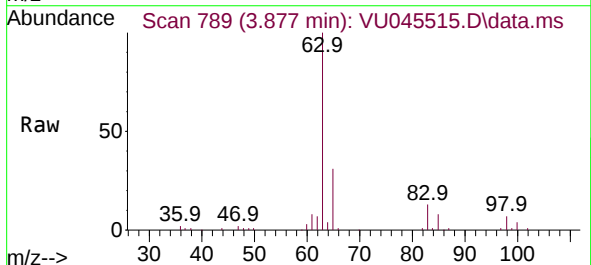
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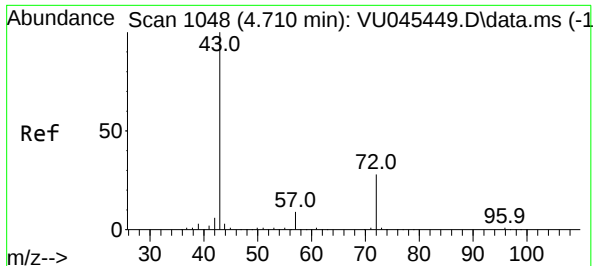
Reviewed By :John Carlone 11/03/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021



#24
 1,1-Dichloroethane
 Concen: 21.919 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.003 min
 Lab File: VU045515.D
 Acq: 02 Nov 2021 15:35

Tgt Ion: 63 Resp: 98756
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 63.724 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 43 Resp: 13325

Ion Ratio Lower Upper

43 100

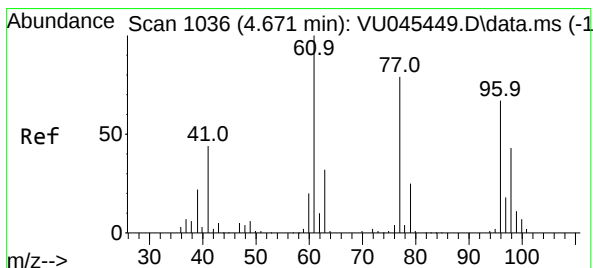
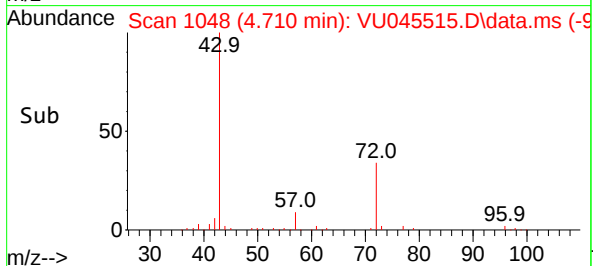
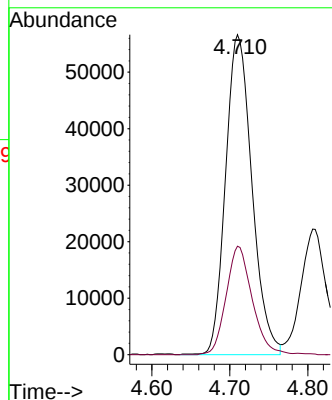
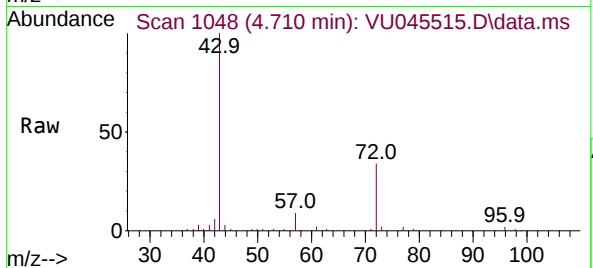
72 33.9 22.0 33.0

Manual Integrations

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Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#26

2,2-Dichloropropane

Concen: 13.853 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045515.D

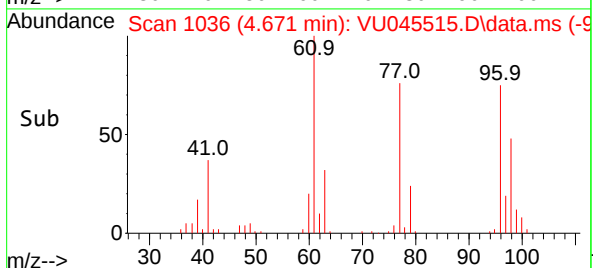
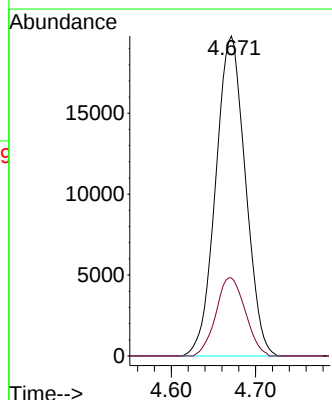
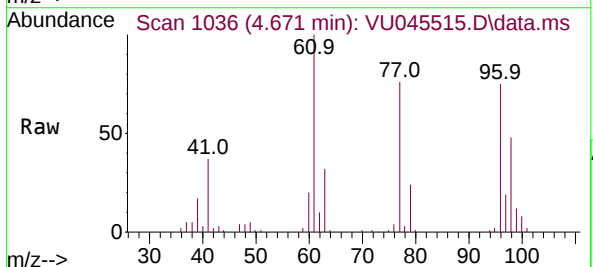
Acq: 02 Nov 2021 15:35

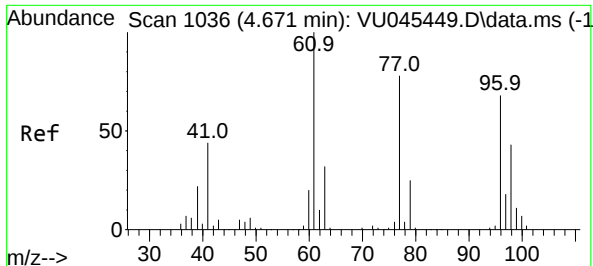
Tgt Ion: 77 Resp: 48351

Ion Ratio Lower Upper

77 100

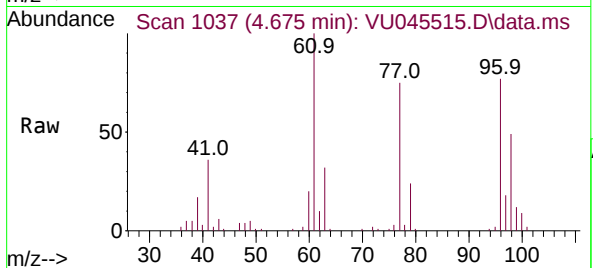
97 24.2 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 16.334 ug/l
 RT: 4.675 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU045515.D
 Acq: 02 Nov 2021 15:35

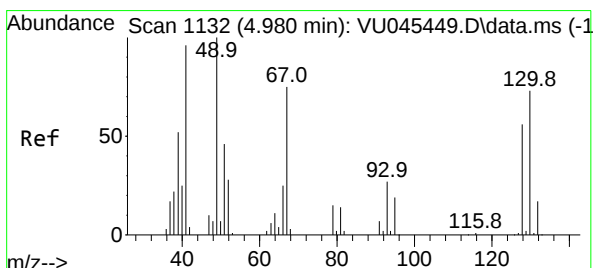
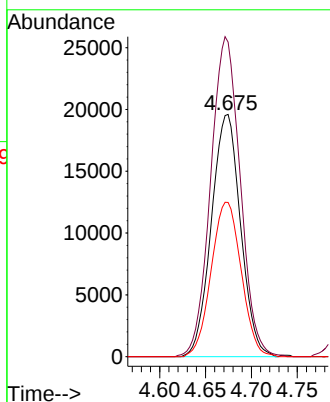
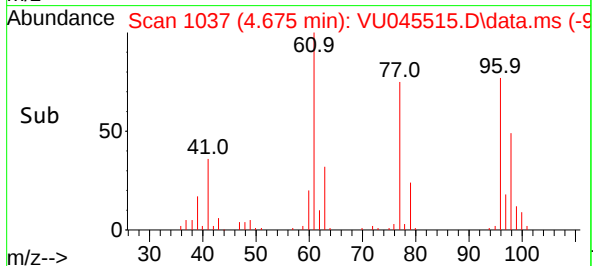
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1102WBS02



Tgt Ion: 96 Resp: 43368
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 299.2
 98 65.6 0.0 127.6

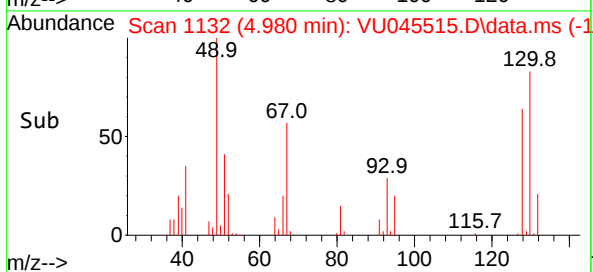
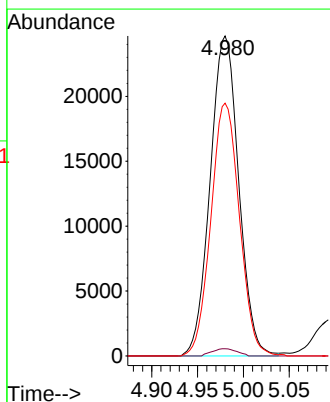
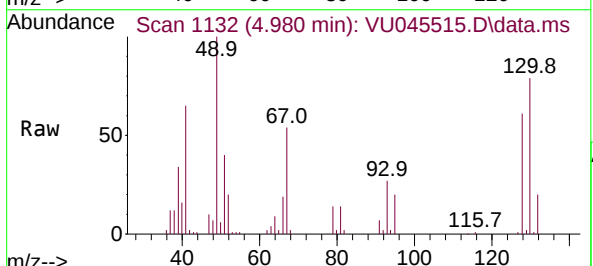
Manual Integrations
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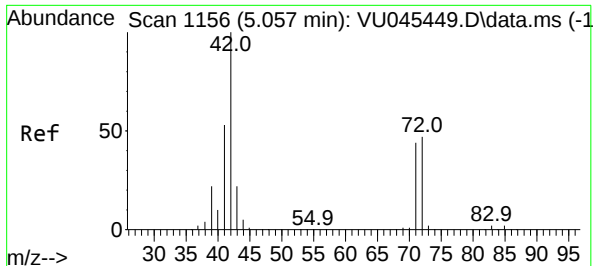
Reviewed By :John Carlone 11/03/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021



#28
 Bromochloromethane
 Concen: 24.106 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU045515.D
 Acq: 02 Nov 2021 15:35

Tgt Ion: 49 Resp: 53571
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.4
 130 78.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 88.683 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 42 Resp: 120260

Ion Ratio Lower Upper

42 100

72 50.2 38.2 57.4

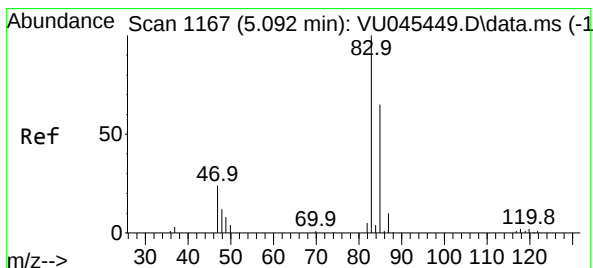
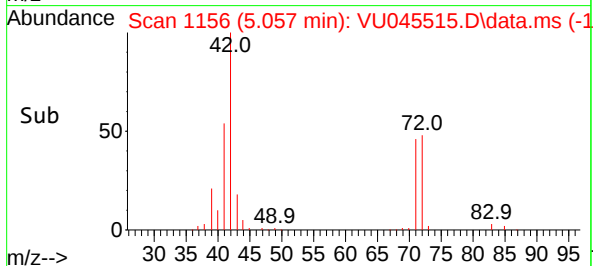
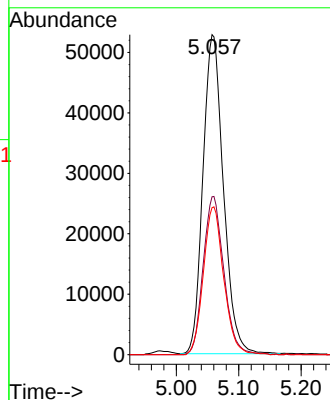
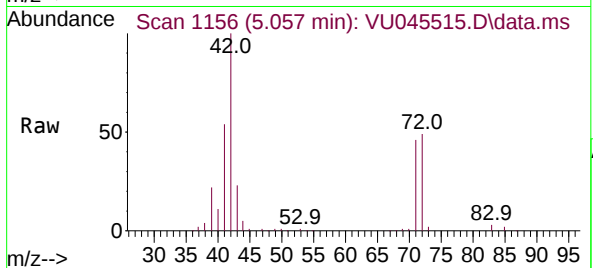
71 46.3 35.4 53.2

Manual Integrations

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Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#30

Chloroform

Concen: 19.076 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045515.D

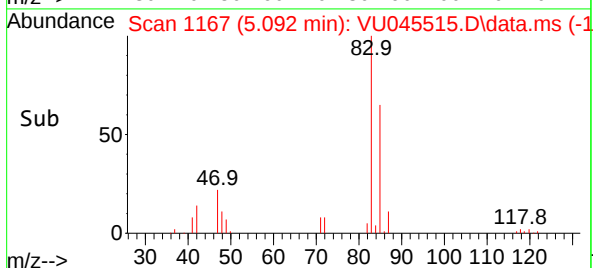
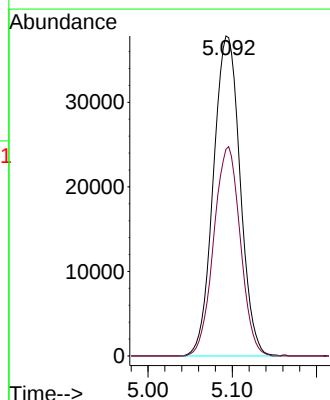
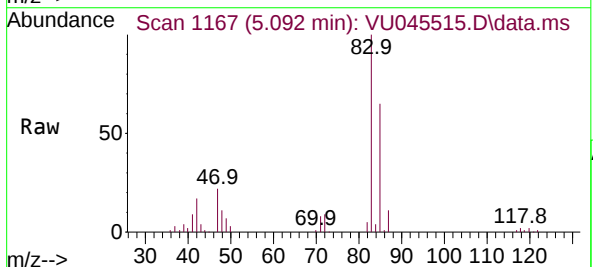
Acq: 02 Nov 2021 15:35

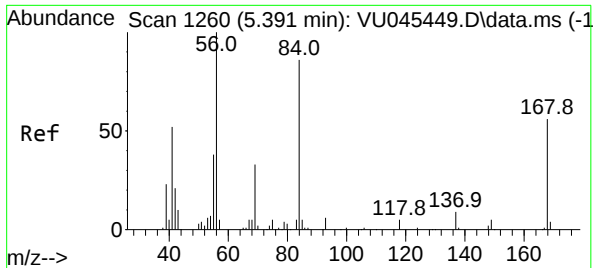
Tgt Ion: 83 Resp: 83335

Ion Ratio Lower Upper

83 100

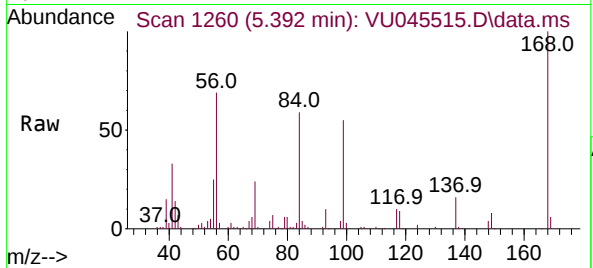
85 64.6 52.0 78.0





#31
Cyclohexane
Concen: 19.779 ug/l
RT: 5.392 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

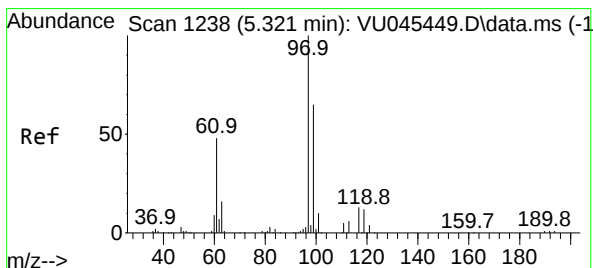
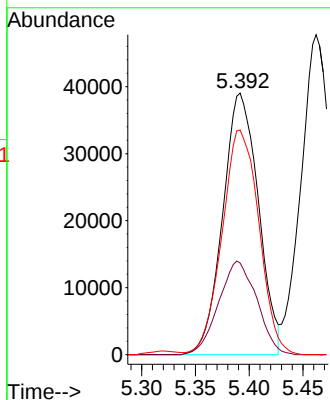
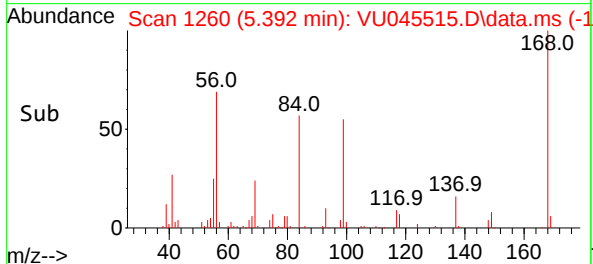
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



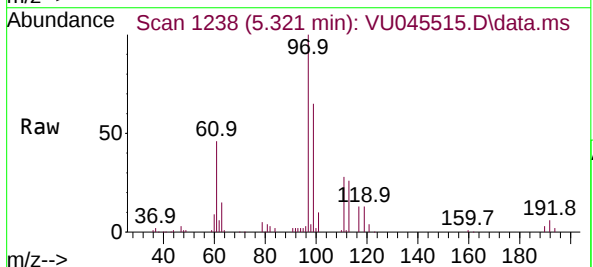
Tgt Ion: 56 Resp: 89849
Ion Ratio Lower Upper
56 100
69 35.1 26.4 39.6
84 85.0 68.4 102.6

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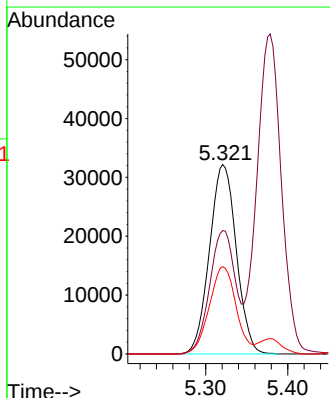
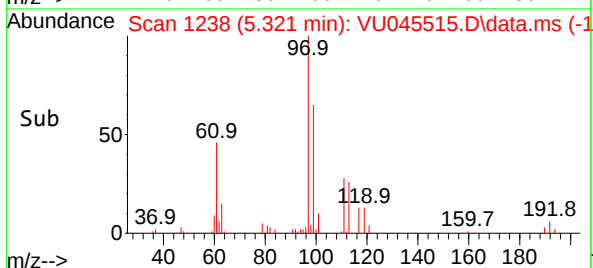
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

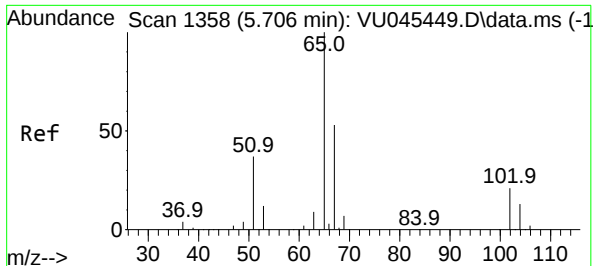


#32
1,1,1-Trichloroethane
Concen: 20.407 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35



Tgt Ion: 97 Resp: 73163
Ion Ratio Lower Upper
97 100
99 61.7 50.8 76.2
61 46.3 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 48.353 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 65 Resp: 14753

Ion Ratio Lower Upper

65 100

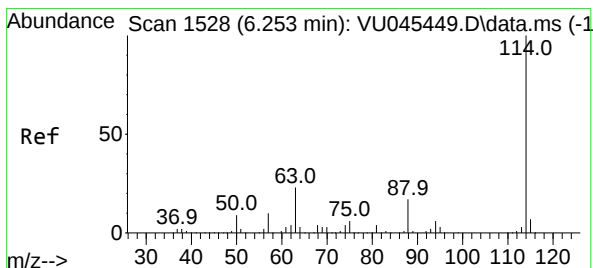
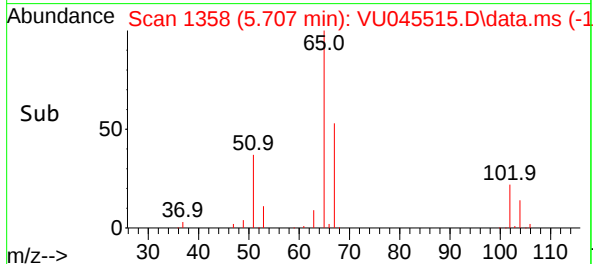
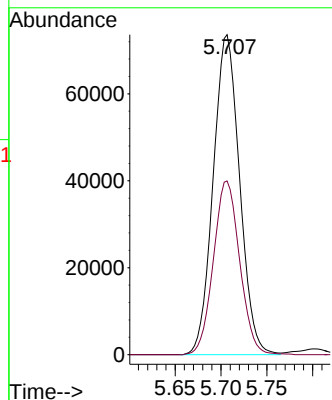
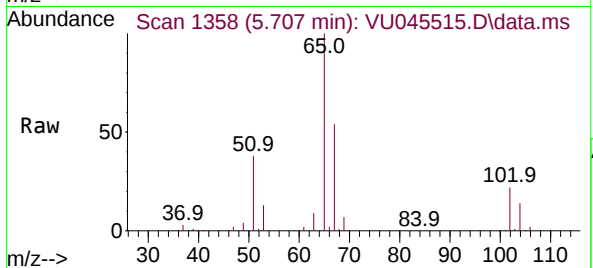
67 54.1 0.0 105.8

Manual Integrations

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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: VU045515.D

Acq: 02 Nov 2021 15:35

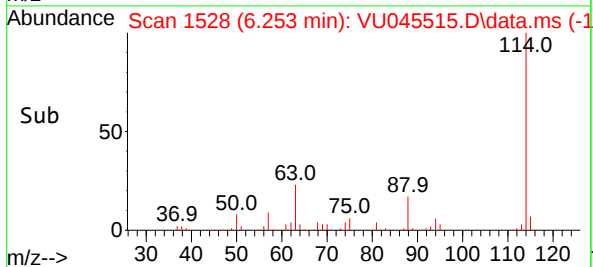
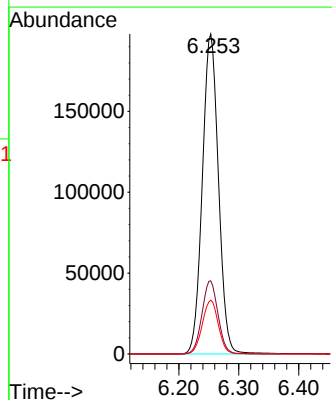
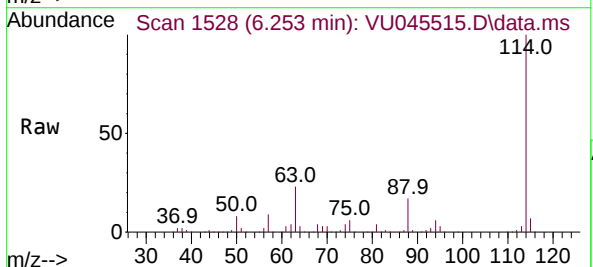
Tgt Ion:114 Resp: 370684

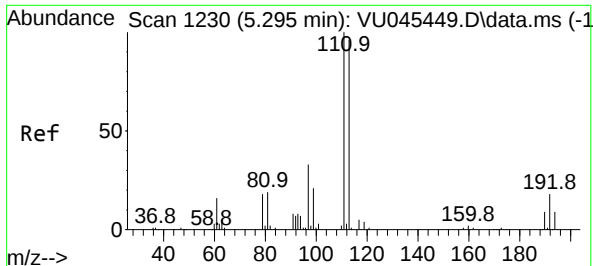
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.965 ug/l

RT: 5.295 min Scan# 110690

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 113 Resp: 110690

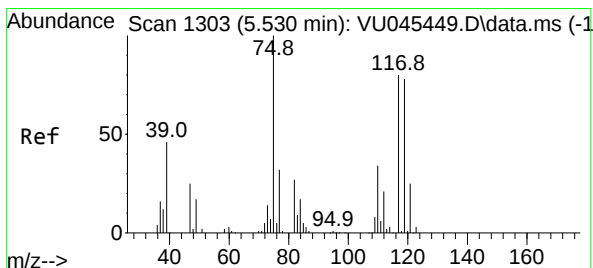
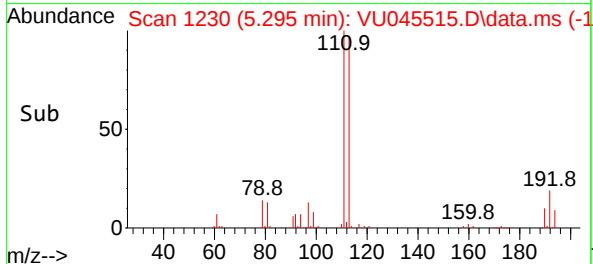
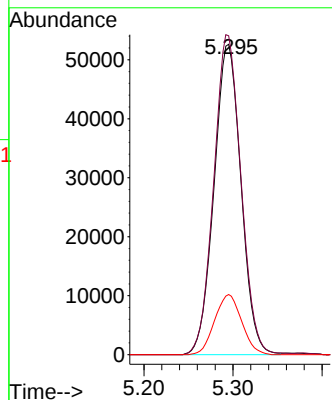
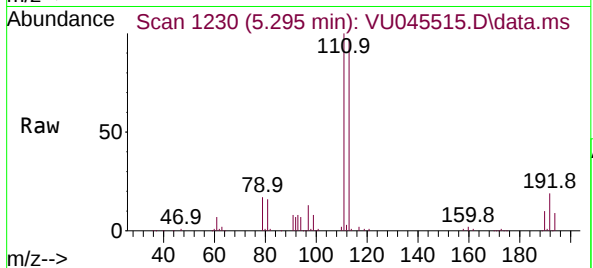
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.8	124.2
192	19.4	14.8	22.2

Manual Integrations

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Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#36

1,1-Dichloropropene

Concen: 18.377 ug/l

RT: 5.527 min Scan# 1302

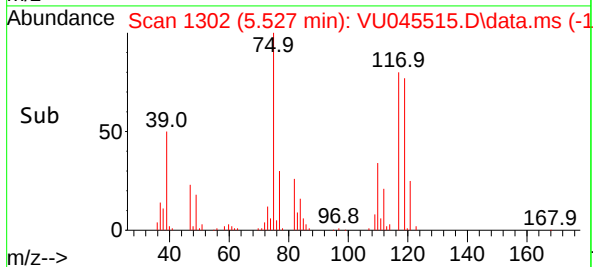
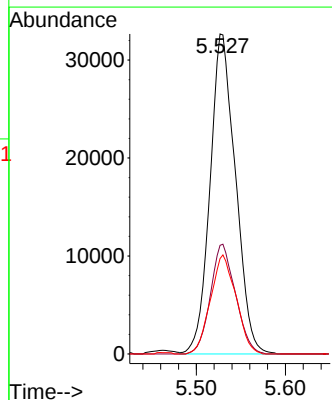
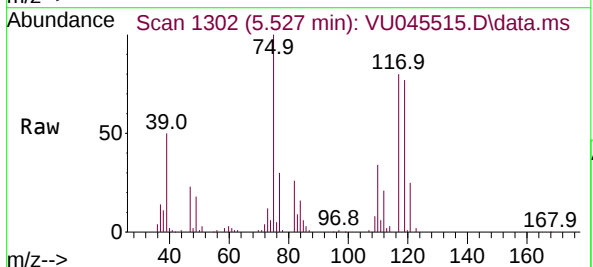
Delta R.T. -0.003 min

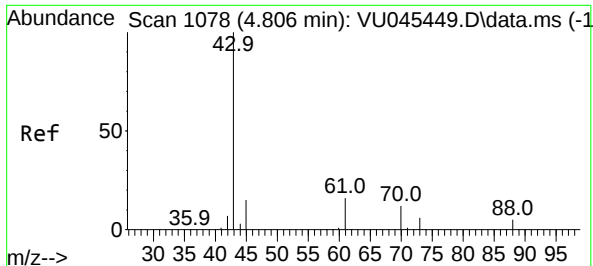
Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Tgt Ion: 75 Resp: 64847

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.7	50.0
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 12.024 ug/l

RT: 4.806 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

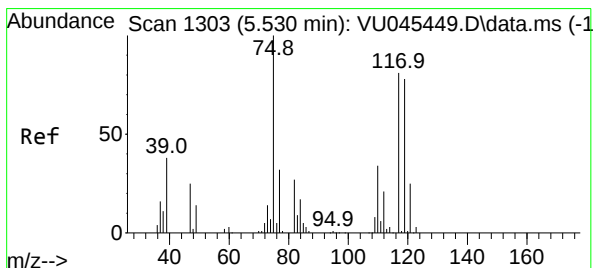
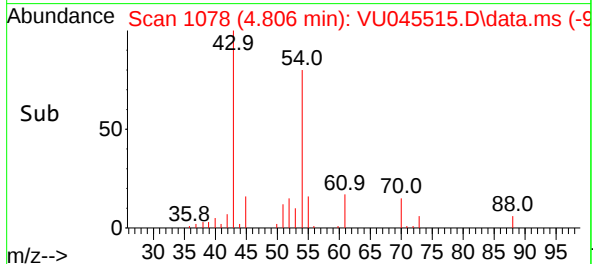
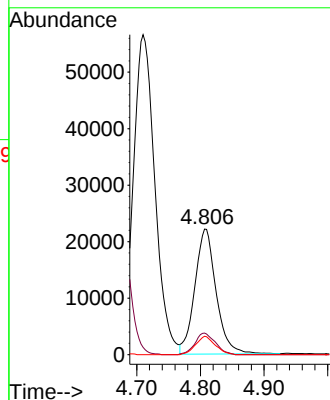
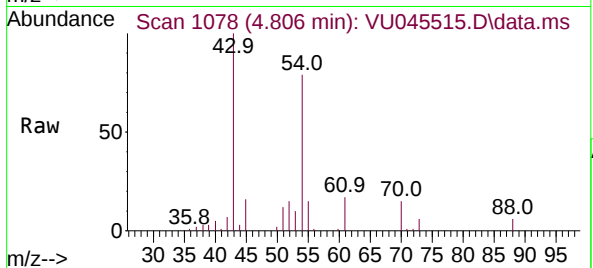
VU1102WBS02

Tgt Ion:	43	Resp:	5138
Ion Ratio	Lower	Upper	
43	100		
61	16.7	11.6	17.4
70	13.5	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: 18.187 ug/l

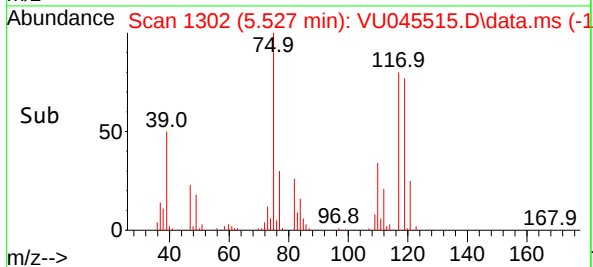
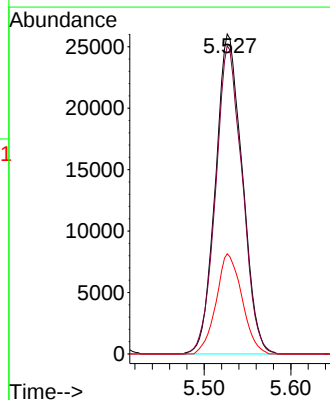
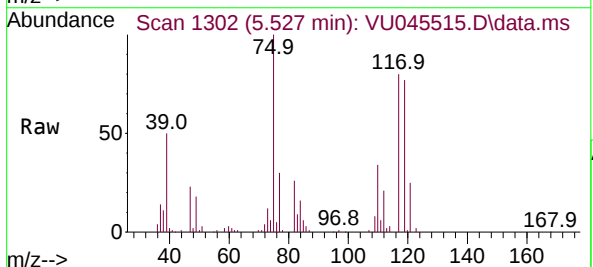
RT: 5.527 min Scan# 1302

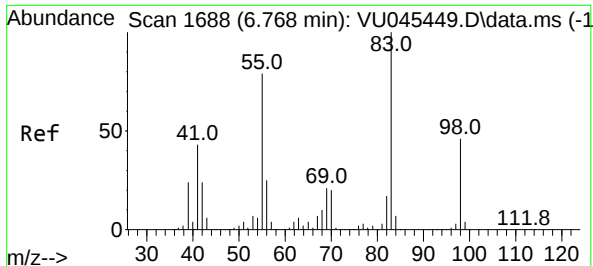
Delta R.T. -0.003 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Tgt Ion:	117	Resp:	55969
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.4	116.0
121	31.3	24.8	37.2





#39

Methylcyclohexane

Concen: 20.106 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 83 Resp: 88220

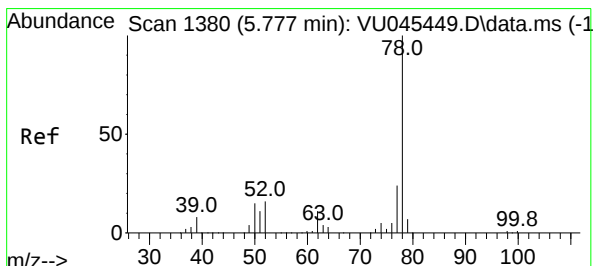
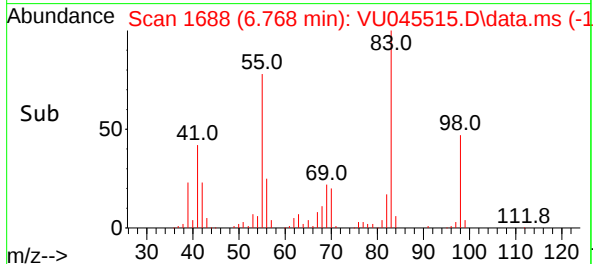
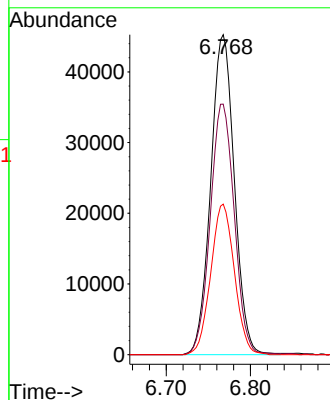
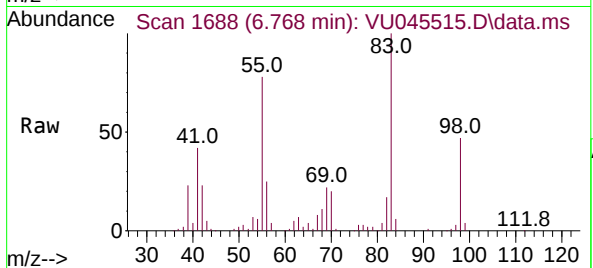
Ion	Ratio	Lower	Upper
83	100		
55	78.3	63.6	95.4
98	47.0	37.1	55.7

Manual Integrations

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Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#40

Benzene

Concen: 18.257 ug/l

RT: 5.777 min Scan# 1380

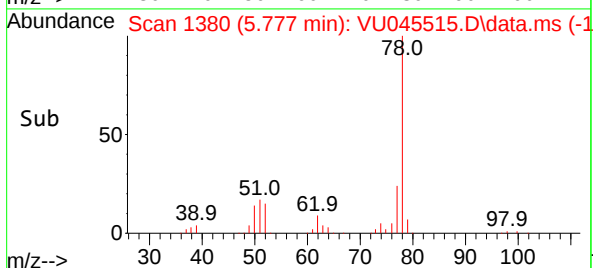
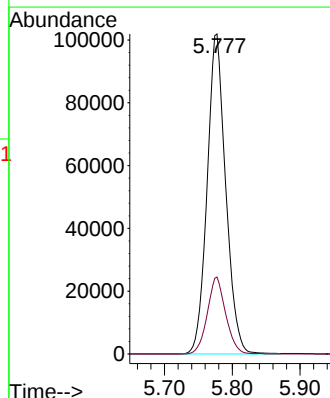
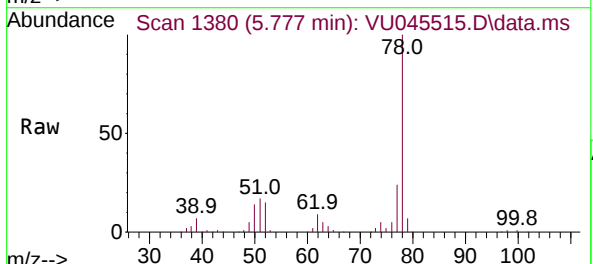
Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Tgt Ion: 78 Resp: 193922

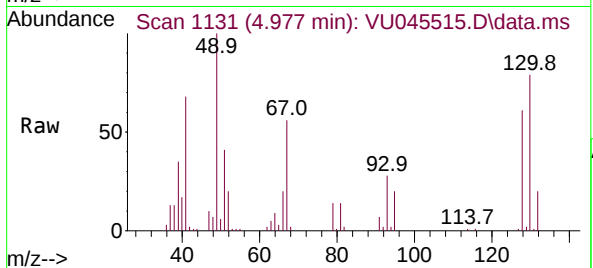
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#41
Methacrylonitrile
Concen: 16.403 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

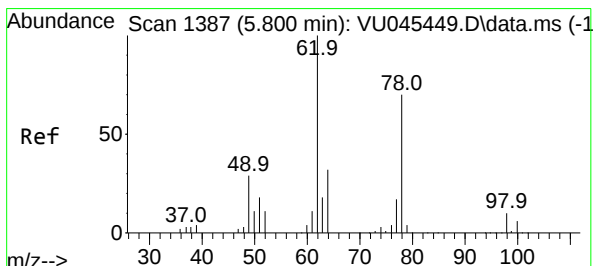
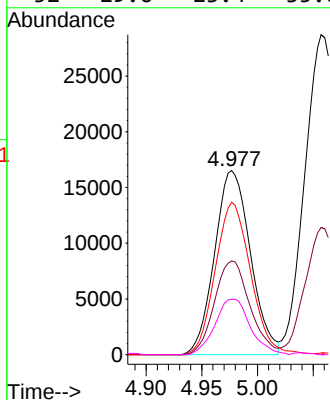
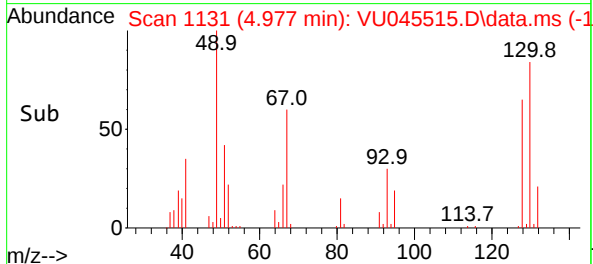
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



Tgt Ion: 41 Resp: 3709
Ion Ratio Lower Upper
41 100
39 50.1 43.4 65.0
67 81.5 61.0 91.4
52 29.6 23.4 35.0

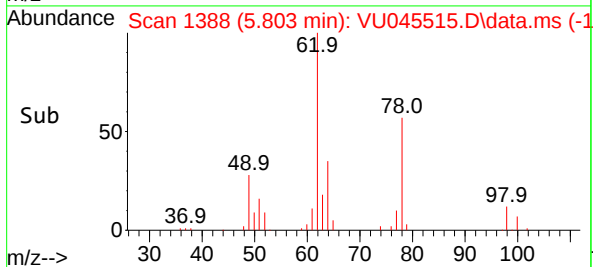
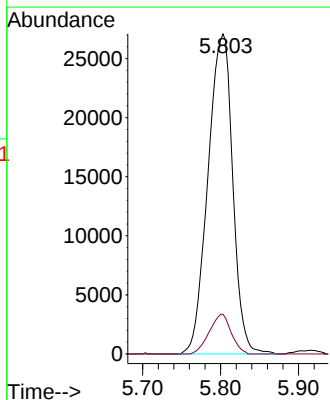
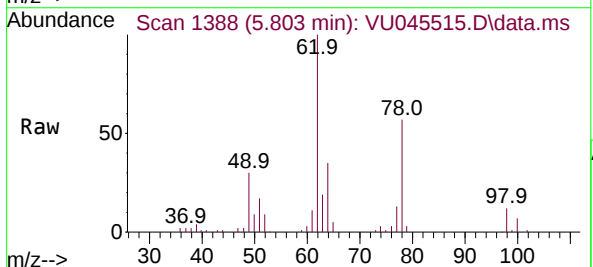
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 15.332 ug/l
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion: 62 Resp: 59812
Ion Ratio Lower Upper
62 100
98 11.0 0.0 18.4





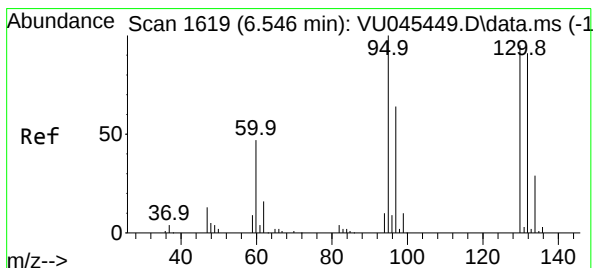
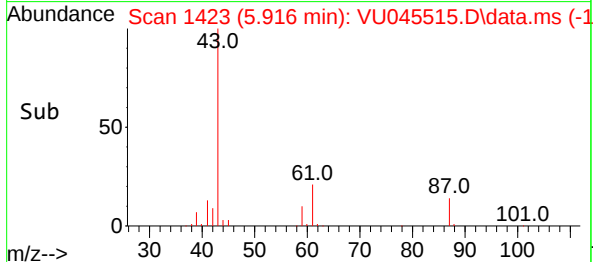
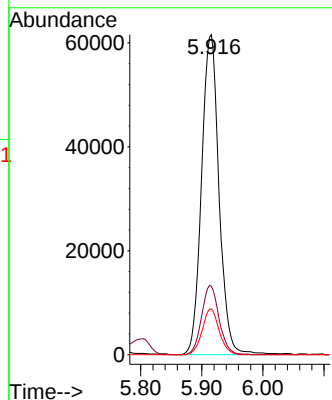
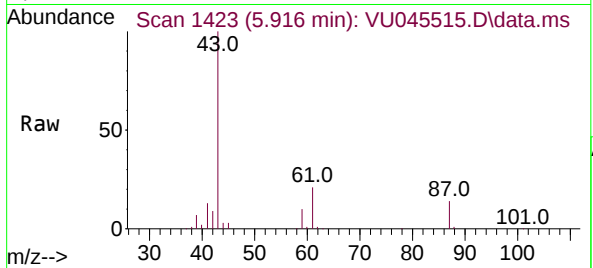
#43
Isopropyl Acetate
Concen: 18.994 ug/l
RT: 5.916 min Scan# 1422
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion: 43 Resp: 12232
Ion Ratio Lower Upper
43 100
61 21.6 16.9 25.3
87 13.8 11.0 16.4

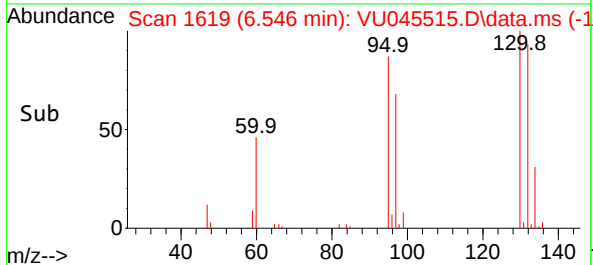
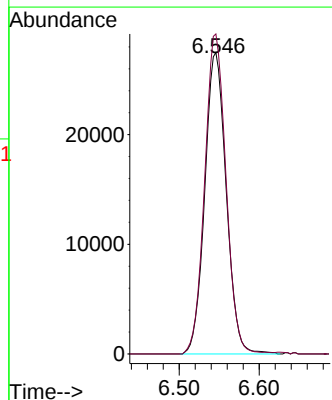
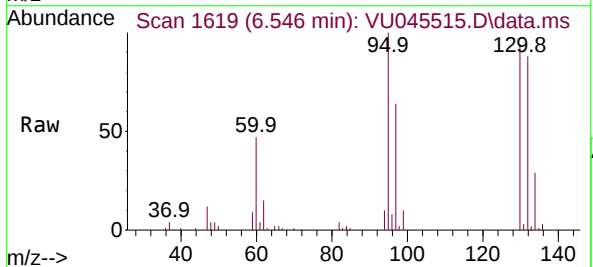
Manual Integrations
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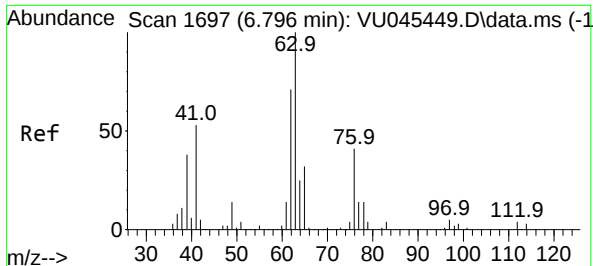
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#44
Trichloroethene
Concen: 20.846 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion:130 Resp: 51319
Ion Ratio Lower Upper
130 100
95 106.2 0.0 211.4





#45

1,2-Dichloropropane

Concen: 20.716 ug/l

RT: 6.793 min Scan# 1697

Delta R.T. -0.003 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 63 Resp: 57908

Ion Ratio Lower Upper

63 100

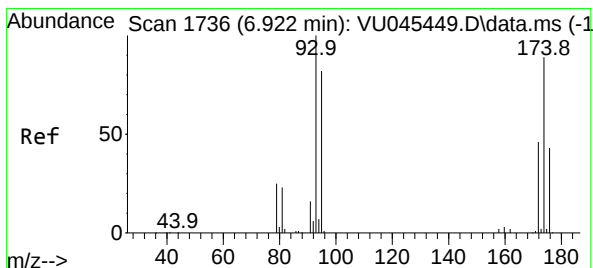
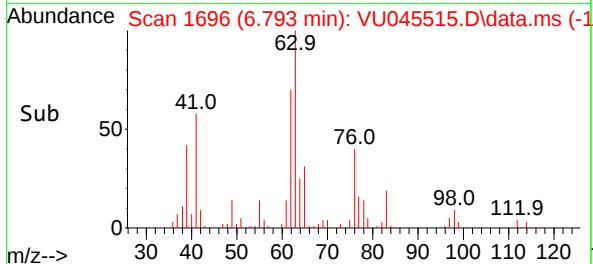
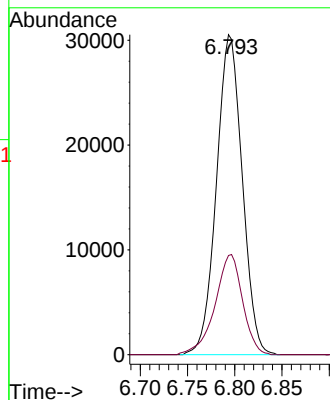
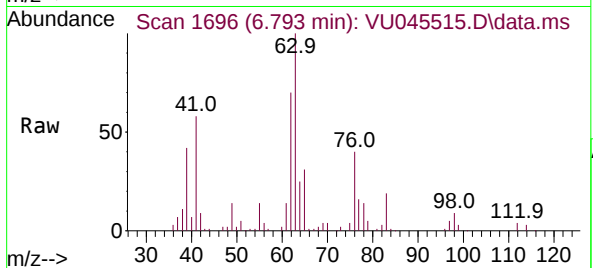
65 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#46

Dibromomethane

Concen: 20.983 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

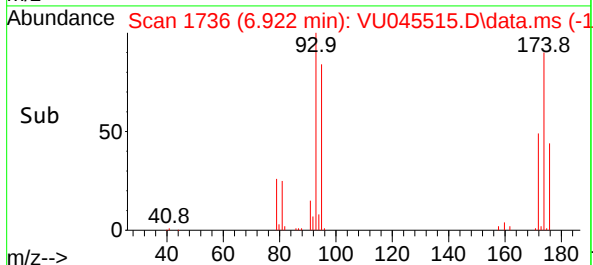
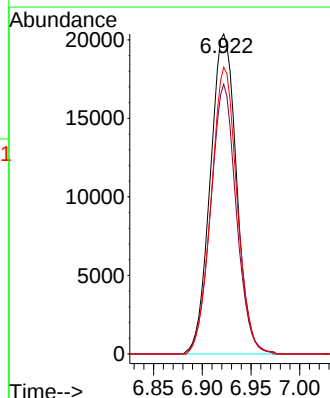
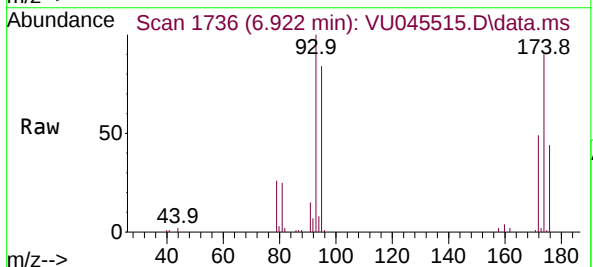
Tgt Ion: 93 Resp: 38192

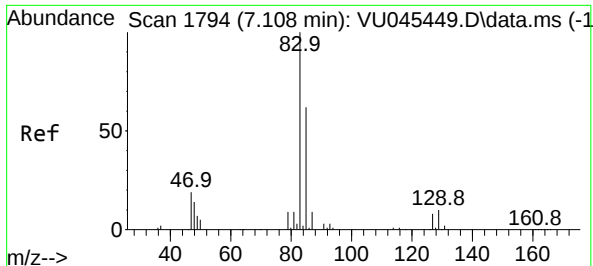
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.2

174 88.0 71.0 106.6





#47

Bromodichloromethane

Concen: 20.665 ug/l

RT: 7.108 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

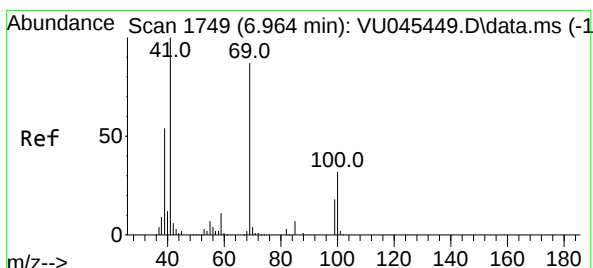
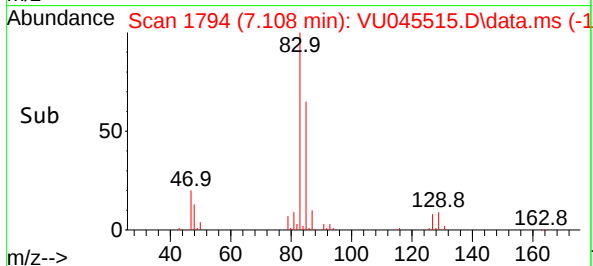
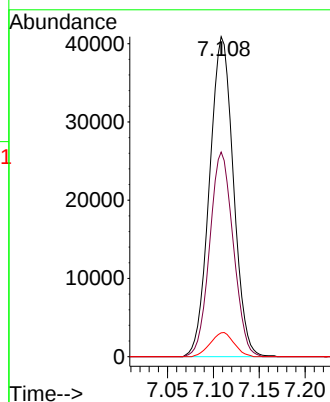
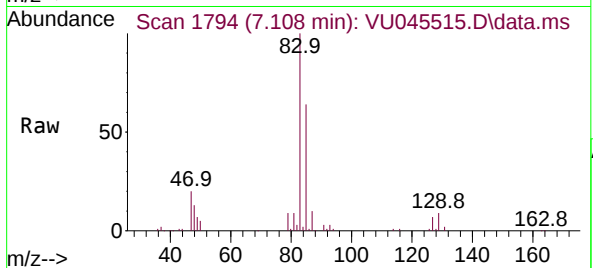
Tgt Ion:	83	Resp:	74024
Ion Ratio	Lower	Upper	
83	100		
85	63.9	49.8	74.6
127	7.5	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#48

Methyl methacrylate

Concen: 19.695 ug/l

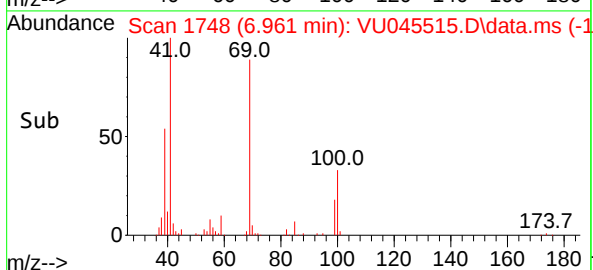
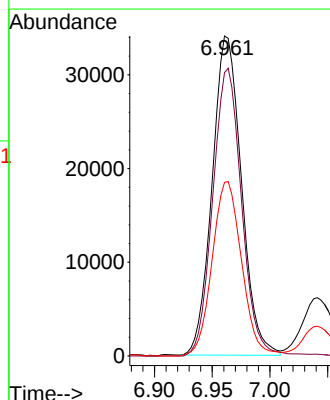
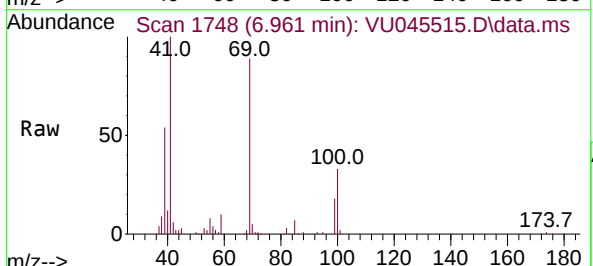
RT: 6.961 min Scan# 1748

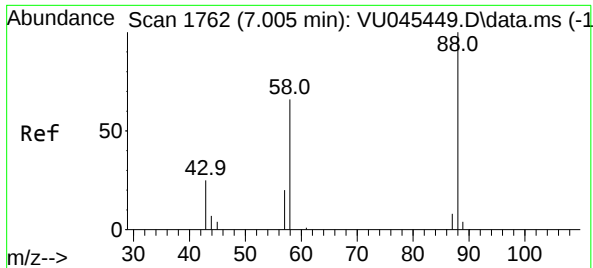
Delta R.T. -0.003 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Tgt Ion:	41	Resp:	60120
Ion Ratio	Lower	Upper	
41	100		
69	89.1	70.2	105.2
39	55.1	43.9	65.9





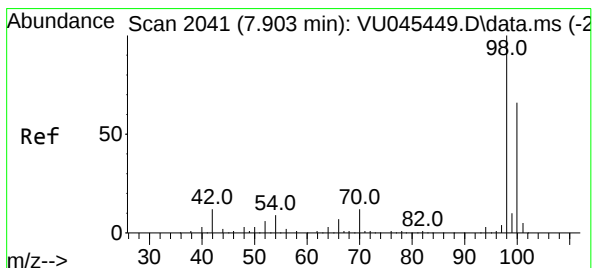
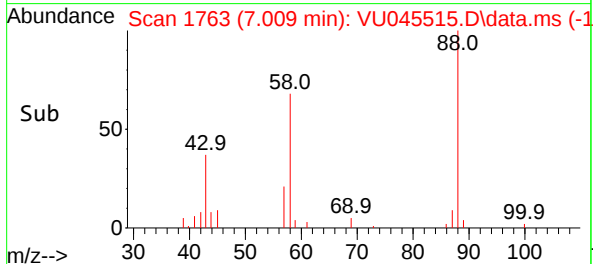
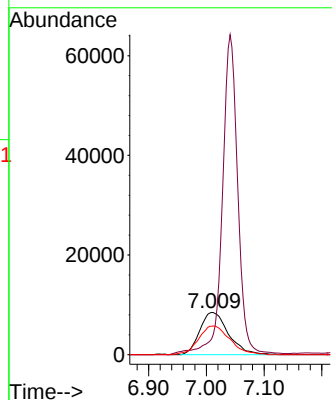
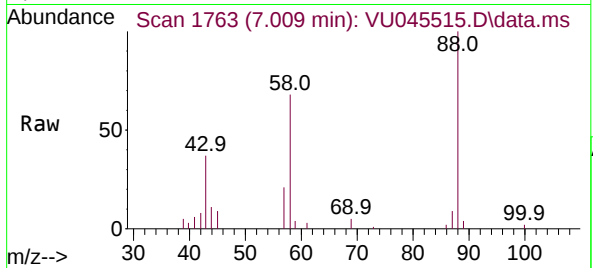
#49
1,4-Dioxane
Concen: 378.134 ug/l
RT: 7.009 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion: 88 Resp: 2933
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.5 58.7 88.1

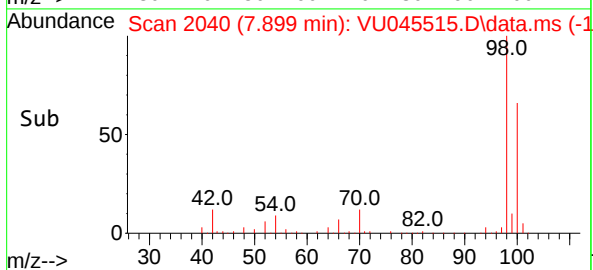
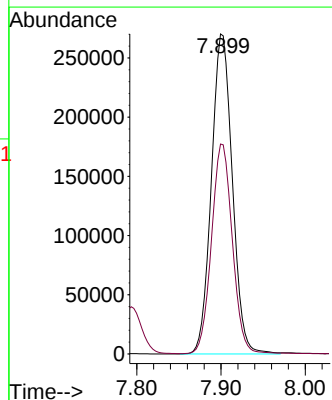
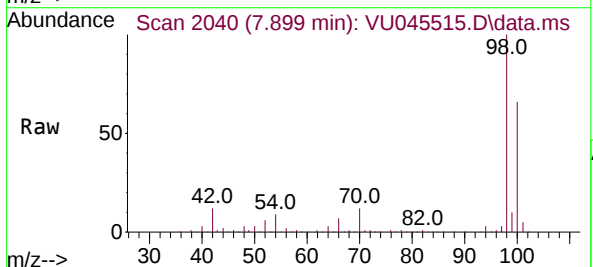
Manual Integrations
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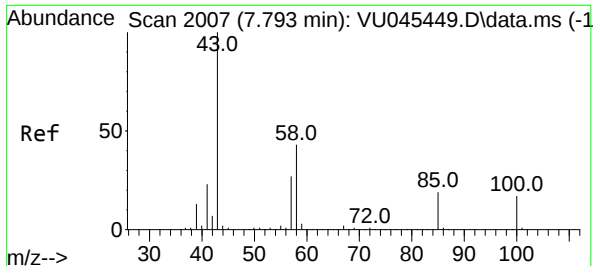
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#50
Toluene-d8
Concen: 50.476 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion: 98 Resp: 466533
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 100.052 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 43 Resp: 416469

Ion Ratio Lower Upper

43 100

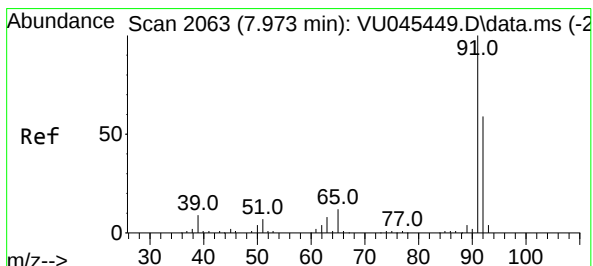
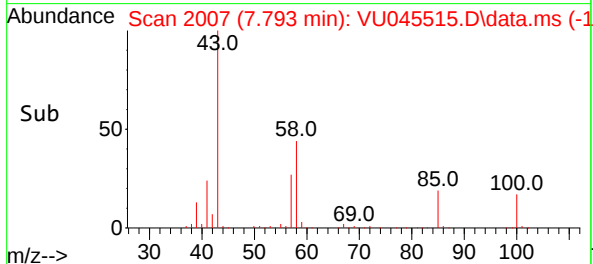
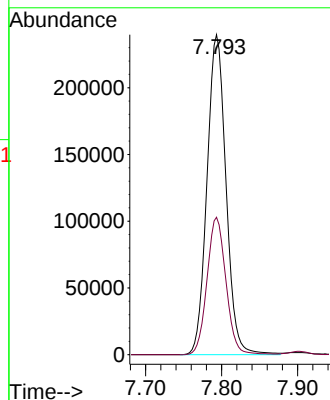
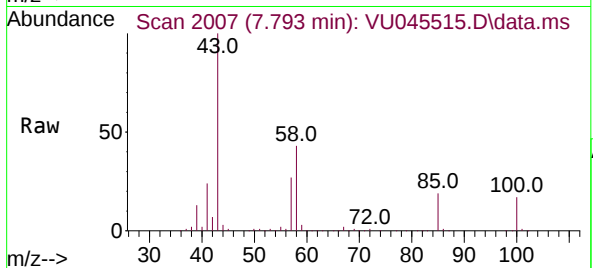
58 42.8 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#52

Toluene

Concen: 20.693 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045515.D

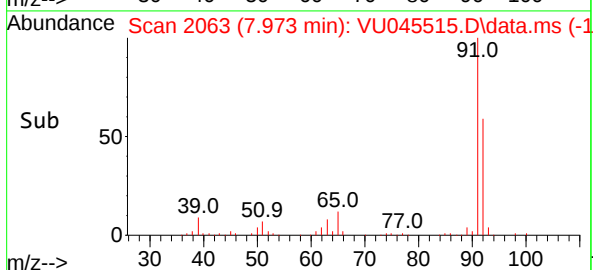
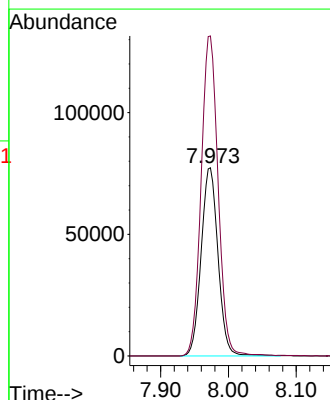
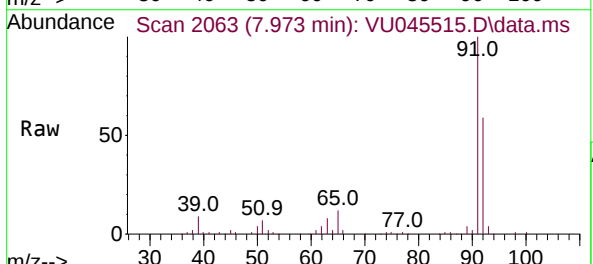
Acq: 02 Nov 2021 15:35

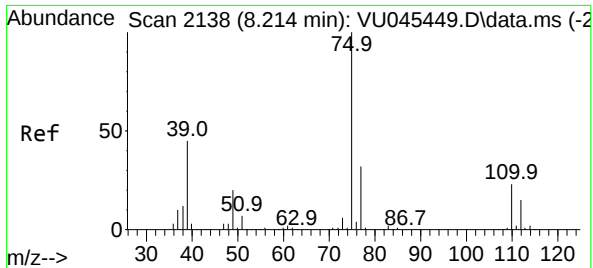
Tgt Ion: 92 Resp: 133614

Ion Ratio Lower Upper

92 100

91 170.6 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 20.175 ug/l

RT: 8.215 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 75 Resp: 82369

Ion Ratio Lower Upper

75 100

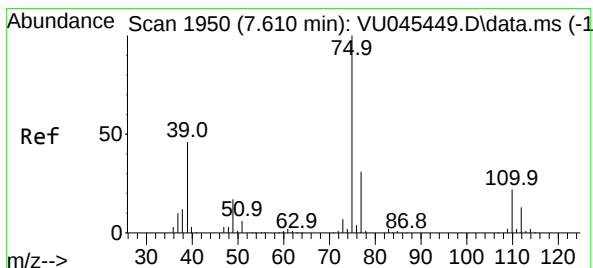
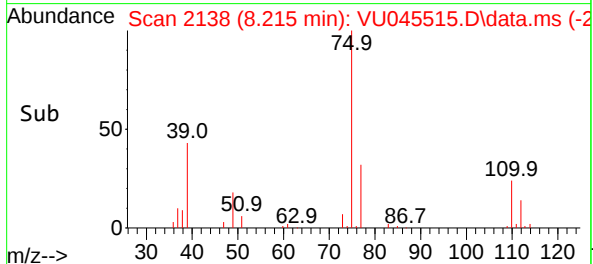
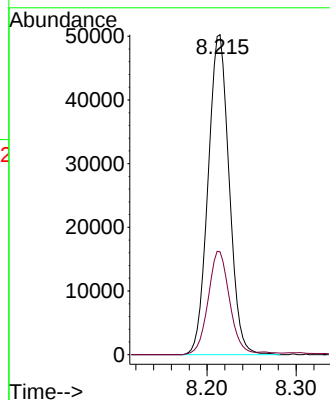
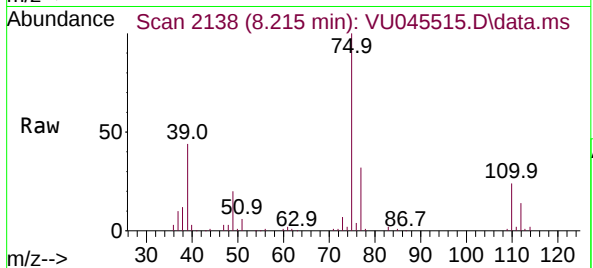
77 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#54

cis-1,3-Dichloropropene

Concen: 20.481 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

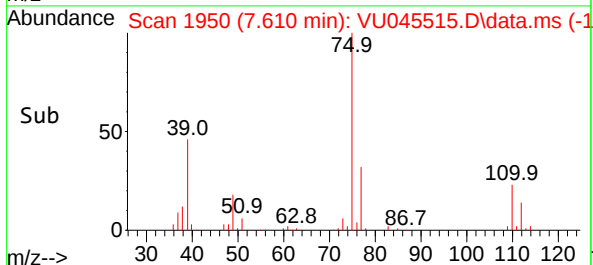
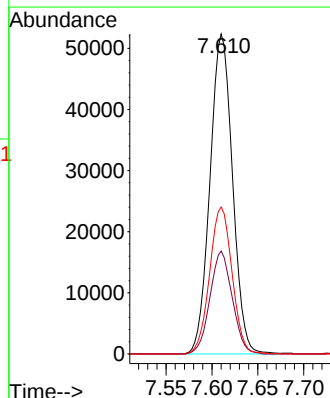
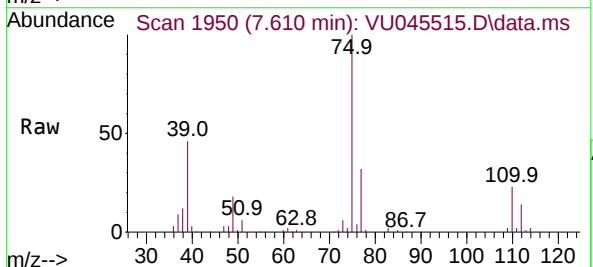
Tgt Ion: 75 Resp: 89552

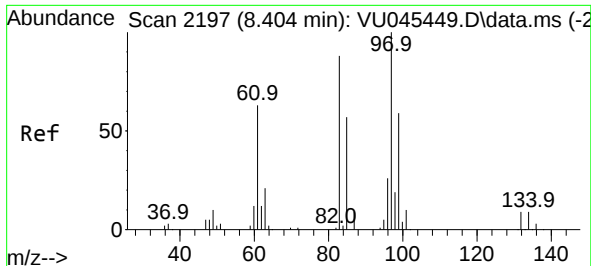
Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0

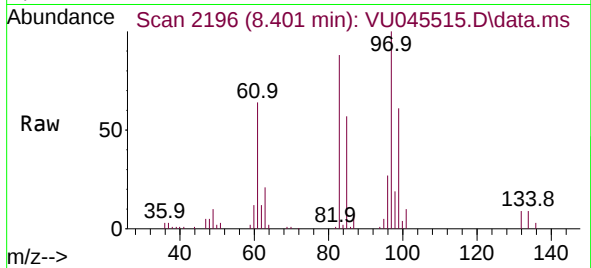
39 45.9 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 20.195 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

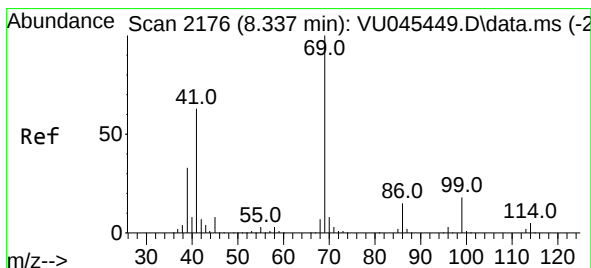
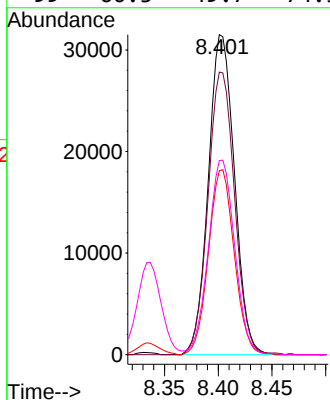
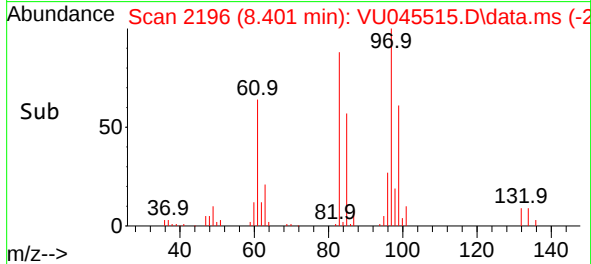
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.3	105.5
85	57.5	45.5	68.3
99	60.3	49.7	74.5

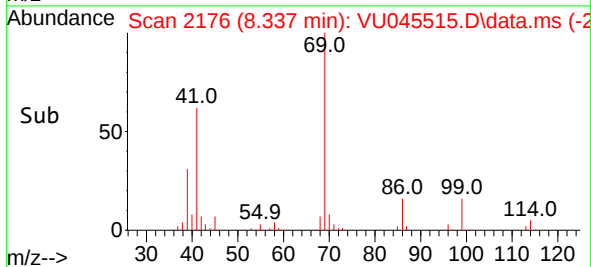
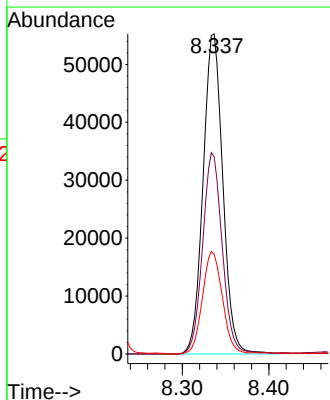
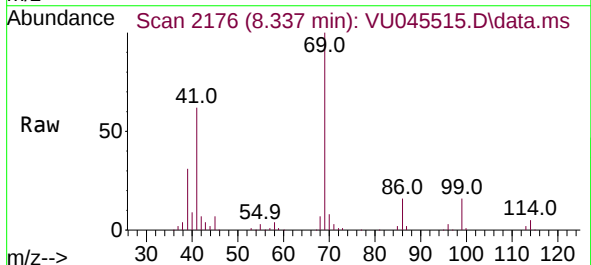
Manual Integrations
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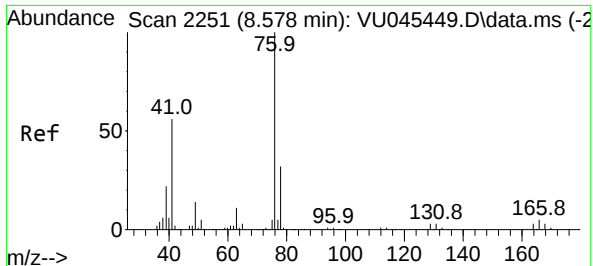
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#56
Ethyl methacrylate
Concen: 19.212 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.6	51.0	76.4
39	32.3	26.6	39.8





#57

1,3-Dichloropropane

Concen: 20.353 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion: 76 Resp: 9528

Ion Ratio Lower Upper

76 100

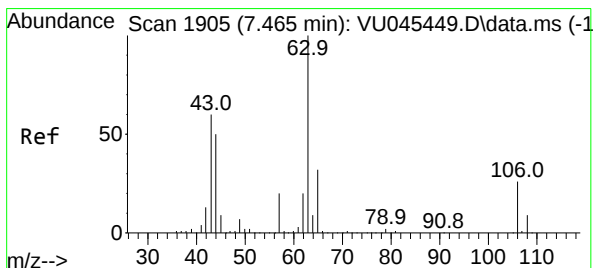
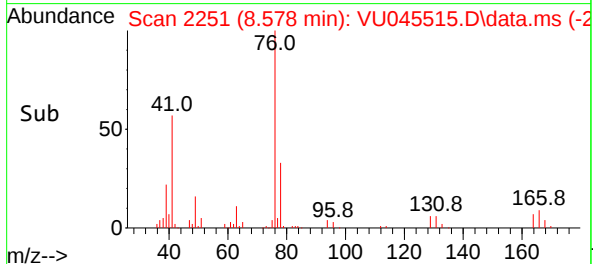
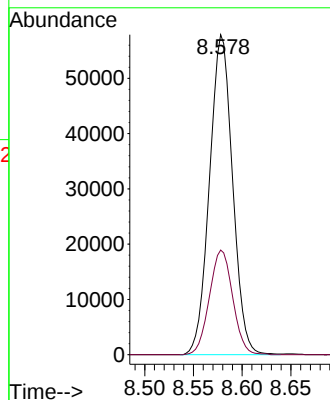
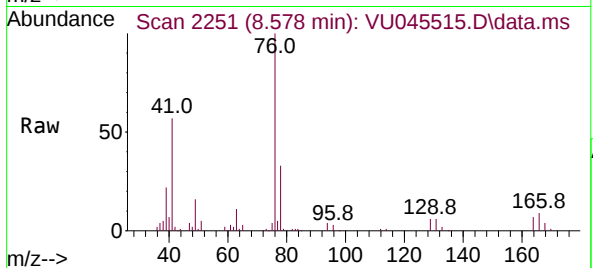
78 33.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#58

2-Chloroethyl Vinyl ether

Concen: 94.049 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045515.D

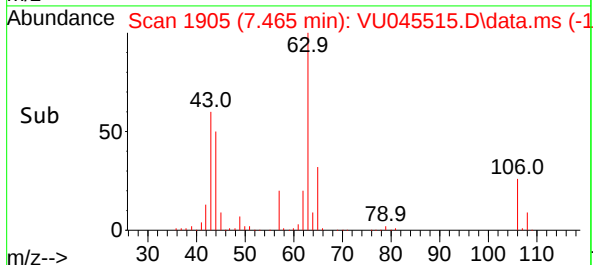
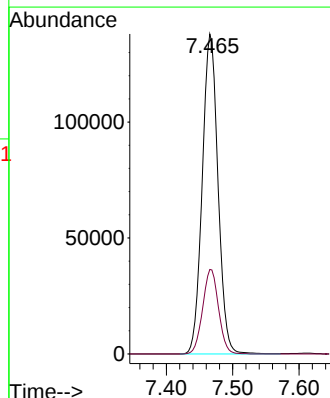
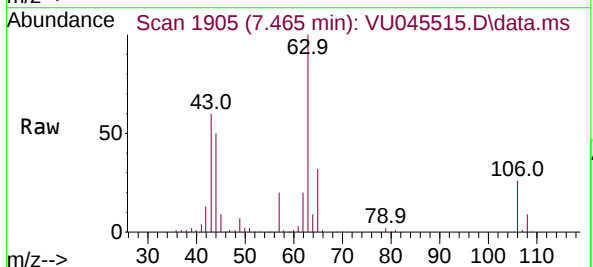
Acq: 02 Nov 2021 15:35

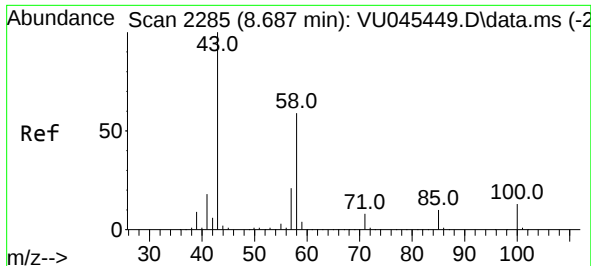
Tgt Ion: 63 Resp: 227366

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.4





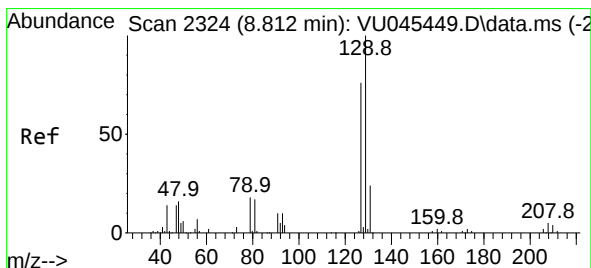
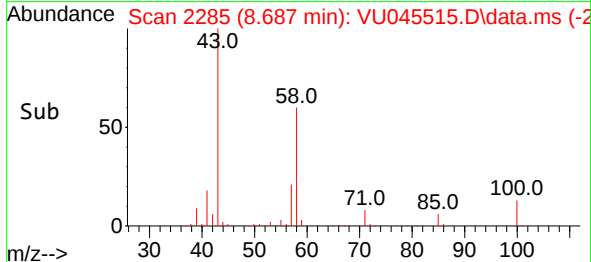
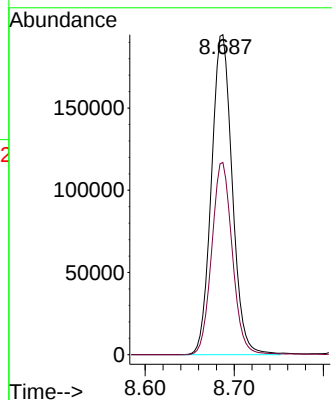
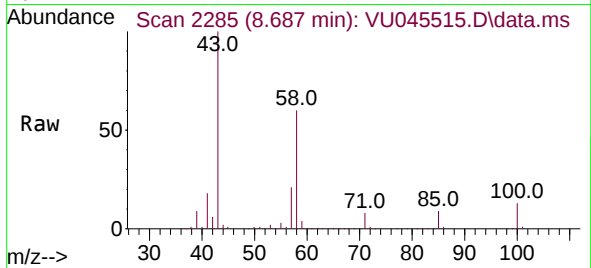
#59
2-Hexanone
Concen: 97.818 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion: 43 Resp: 315470
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.6

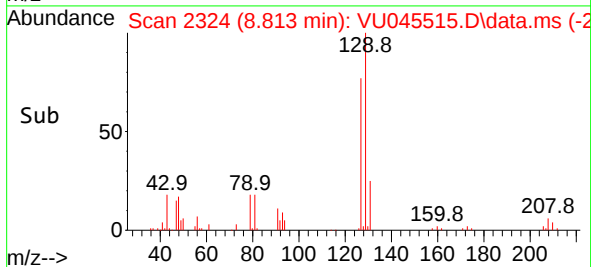
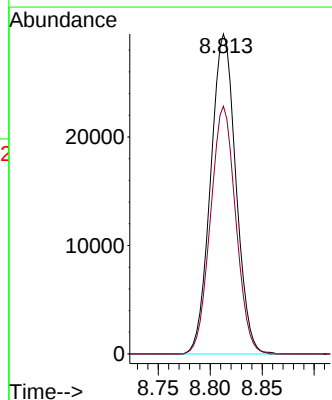
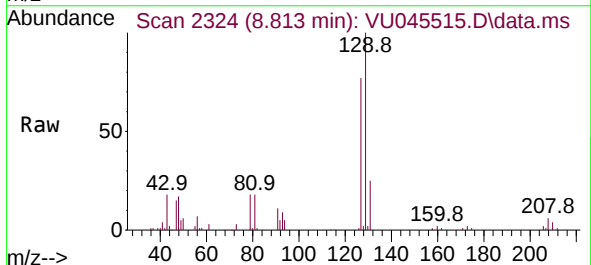
Manual Integrations
APPROVED

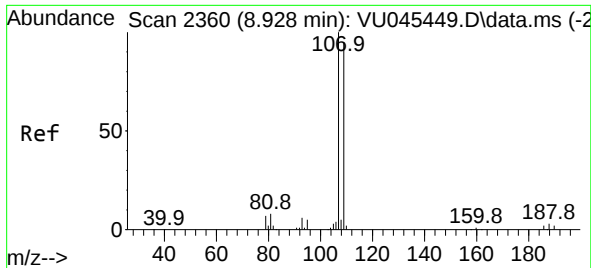
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#60
Dibromochloromethane
Concen: 19.672 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion:129 Resp: 49793
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





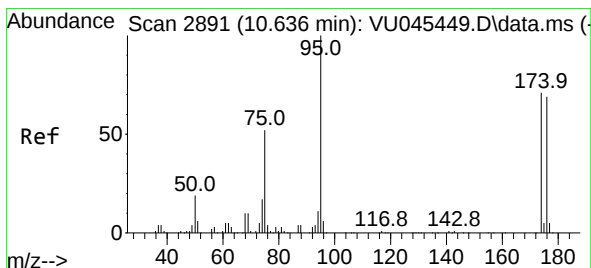
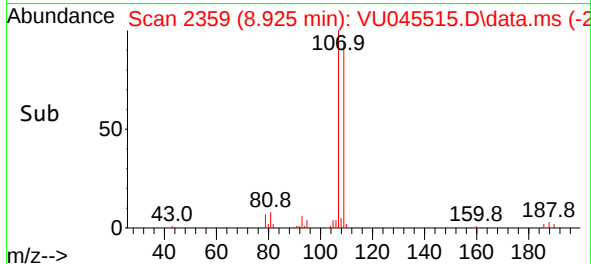
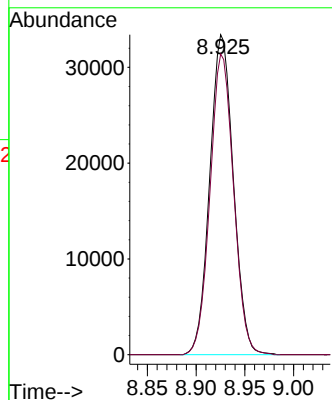
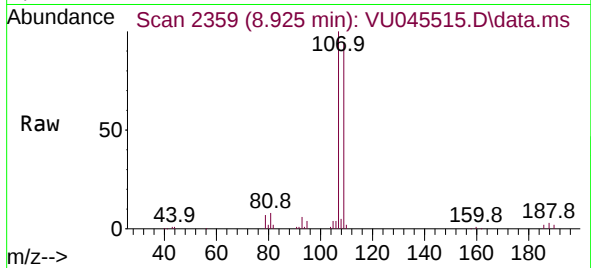
#61
1,2-Dibromoethane
Concen: 20.364 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion:107 Resp: 56250
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.8

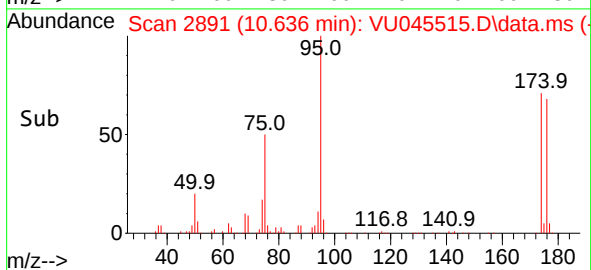
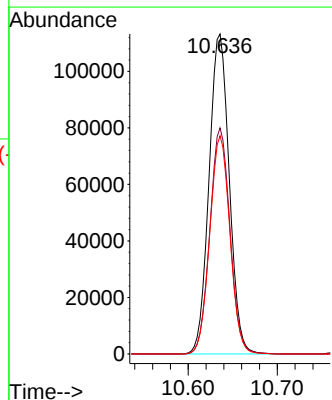
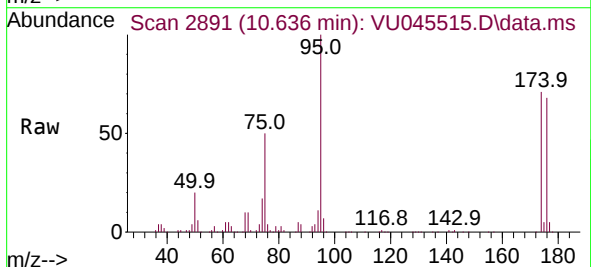
Manual Integrations
APPROVED

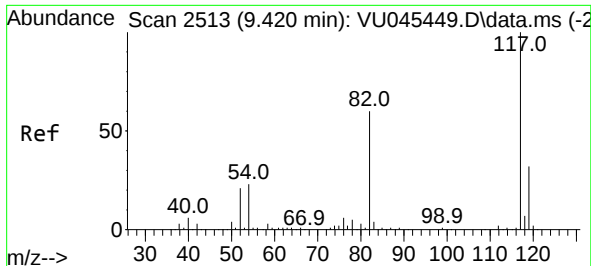
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#62
4-Bromofluorobenzene
Concen: 50.648 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

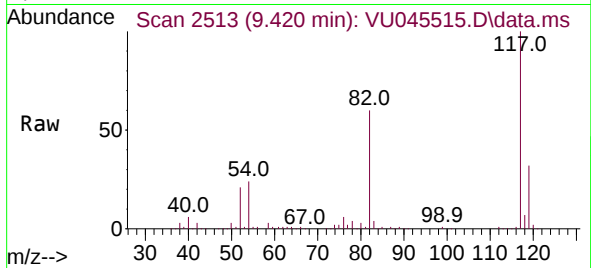
Tgt Ion: 95 Resp: 178383
Ion Ratio Lower Upper
95 100
174 70.5 0.0 141.8
176 67.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

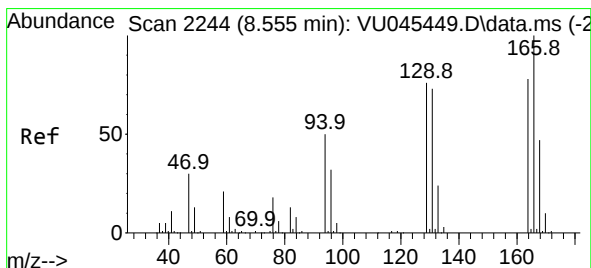
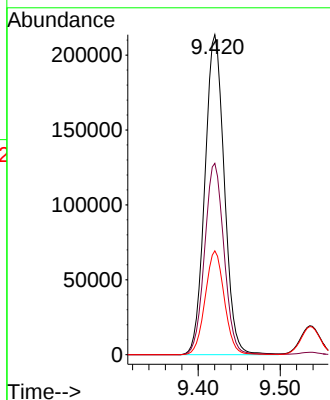
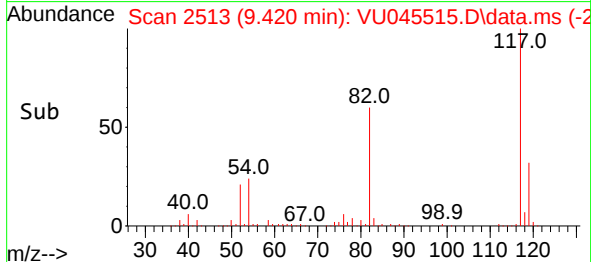
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



Tgt Ion:117 Resp: 350852
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.4 25.8 38.8

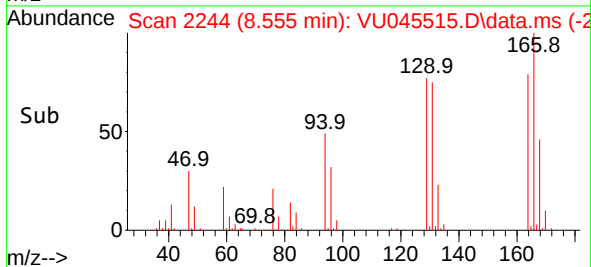
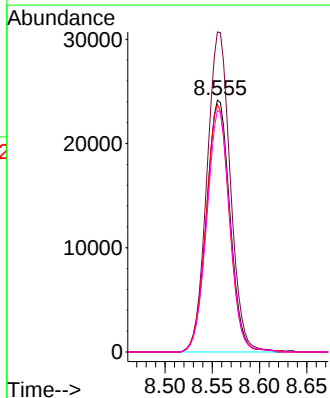
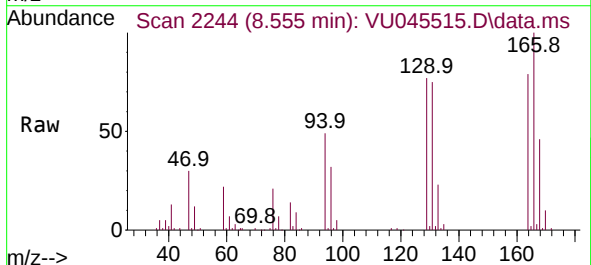
Manual Integrations
APPROVED

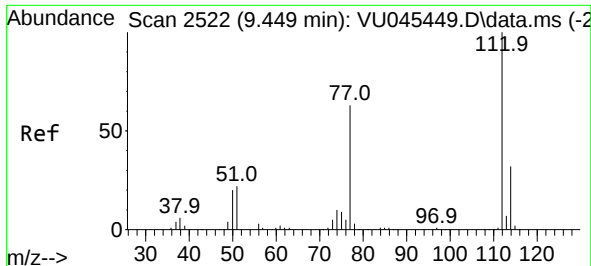
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#64
Tetrachloroethene
Concen: 20.829 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion:164 Resp: 41773
Ion Ratio Lower Upper
164 100
166 127.0 102.2 153.4
129 98.3 78.2 117.4
131 95.8 75.1 112.7





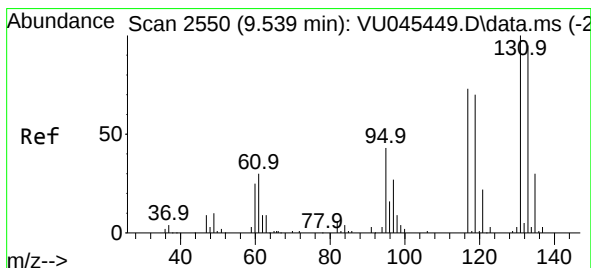
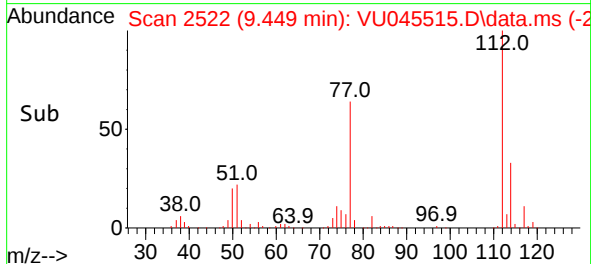
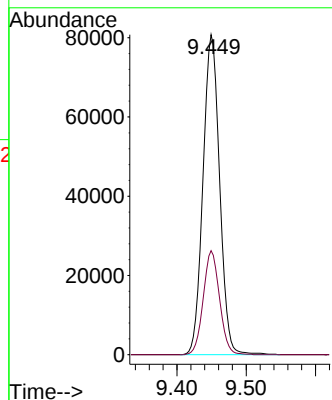
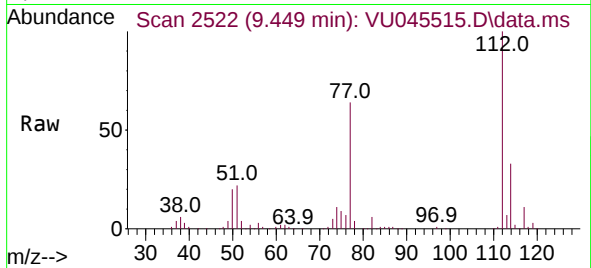
#65
Chlorobenzene
Concen: 20.250 ug/l
RT: 9.449 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion:112 Resp: 13470
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

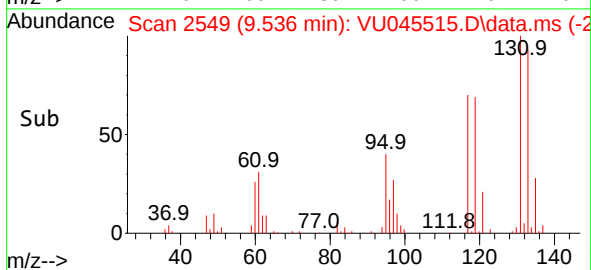
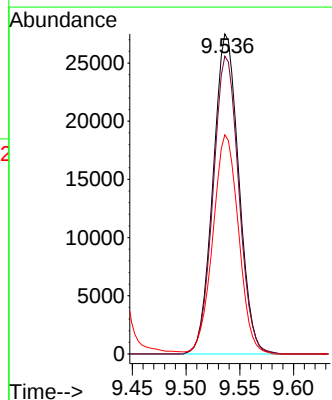
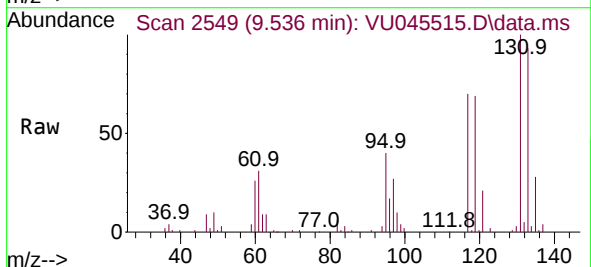
Manual Integrations
APPROVED

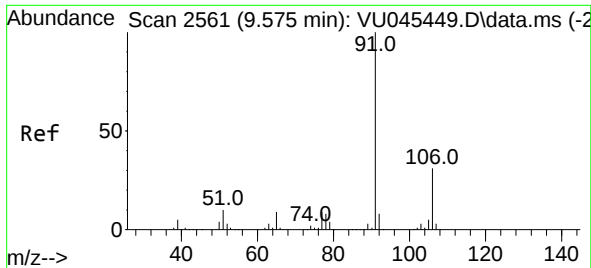
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.370 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion:131 Resp: 45717
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.6
119 68.6 34.5 103.6





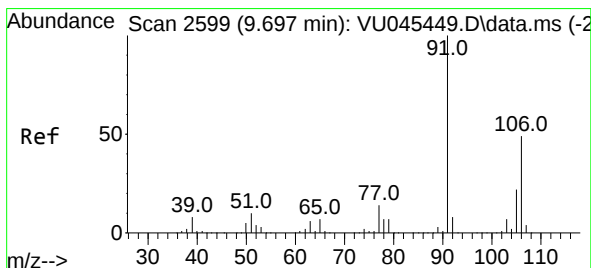
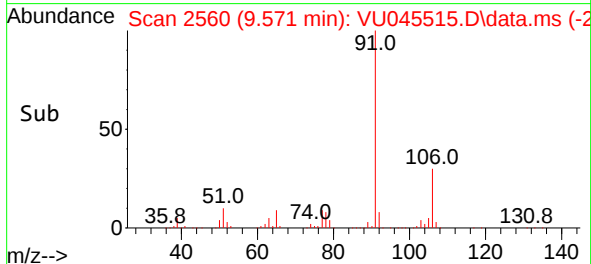
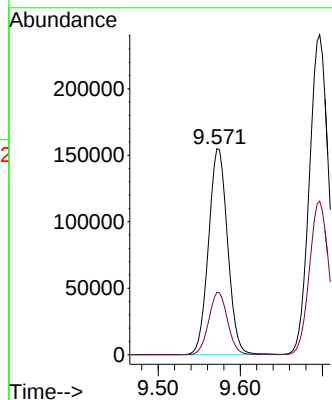
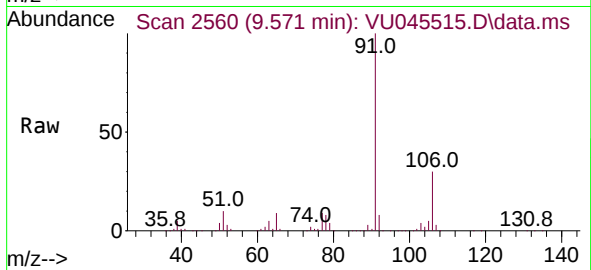
#67
Ethyl Benzene
Concen: 20.518 ug/l
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion: 91 Resp: 250025
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8

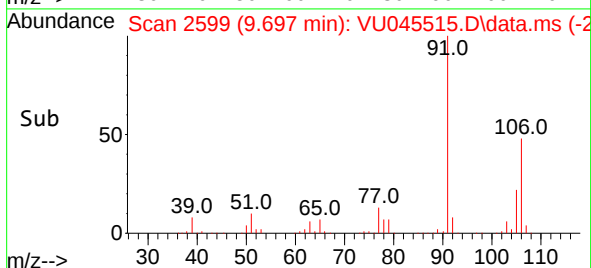
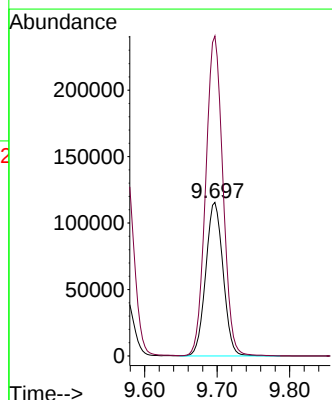
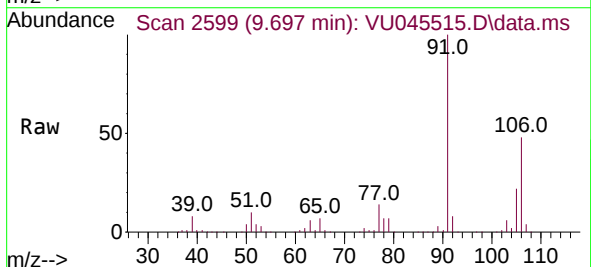
Manual Integrations
APPROVED

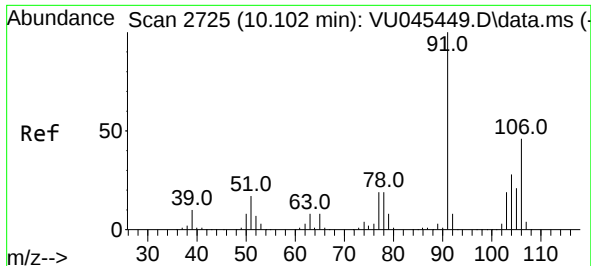
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#68
m/p-Xylenes
Concen: 41.805 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion:106 Resp: 192290
Ion Ratio Lower Upper
106 100
91 206.8 164.7 247.1





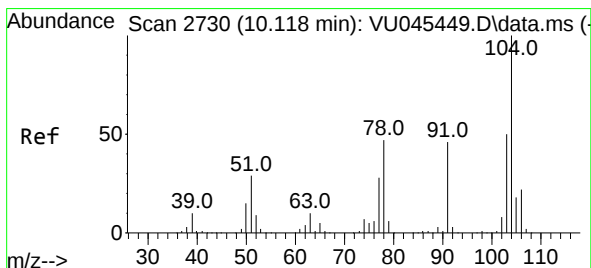
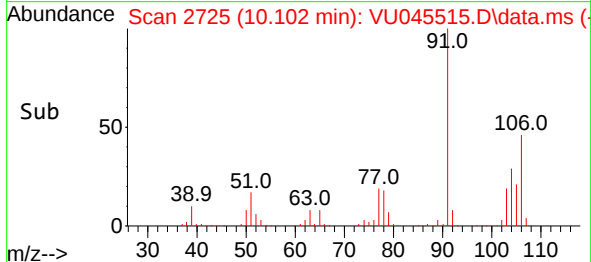
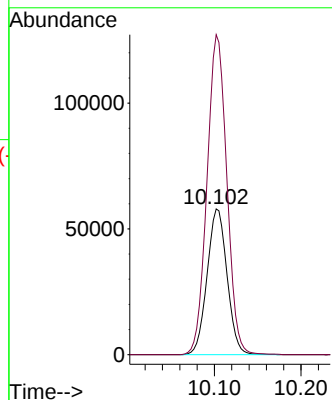
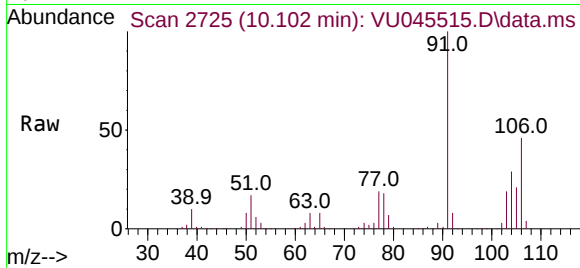
#69
o-Xylene
Concen: 20.676 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion:106 Resp: 92730
Ion Ratio Lower Upper
106 100
91 218.2 108.7 326.3

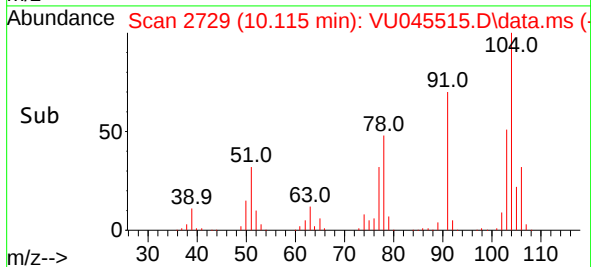
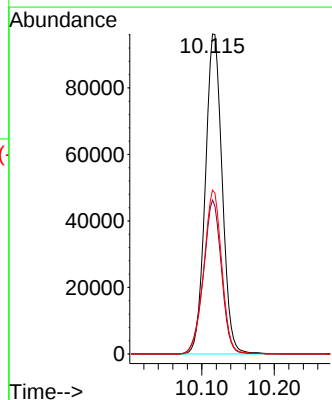
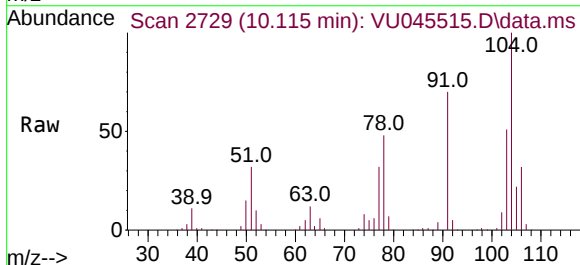
Manual Integrations
APPROVED

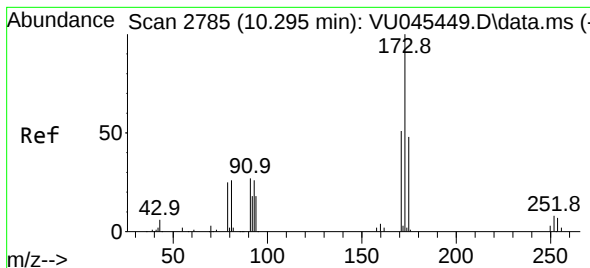
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#70
Styrene
Concen: 19.360 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion:104 Resp: 155497
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.6
103 54.4 43.8 65.6





#71

Bromoform

Concen: 18.757 ug/l

RT: 10.295 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

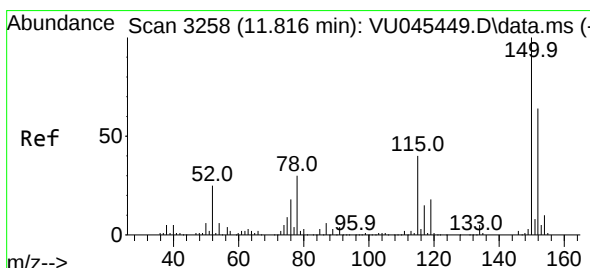
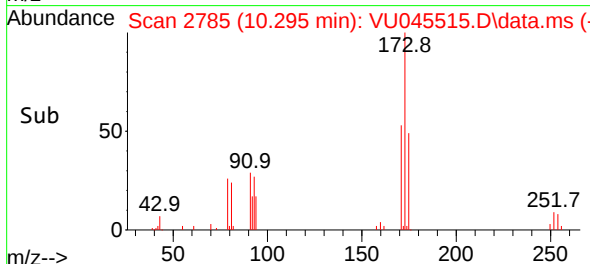
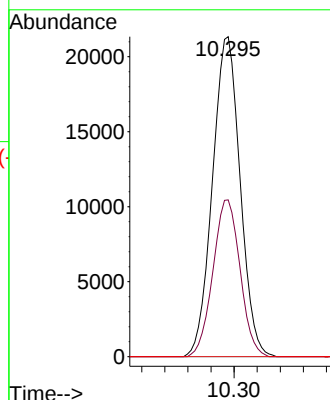
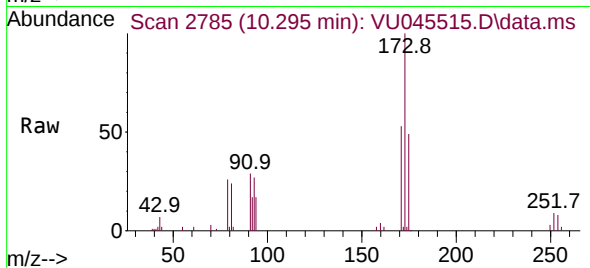
Tgt Ion:	173	Resp:	3545
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.1	72.2
254	0.0	0.0	0.0

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

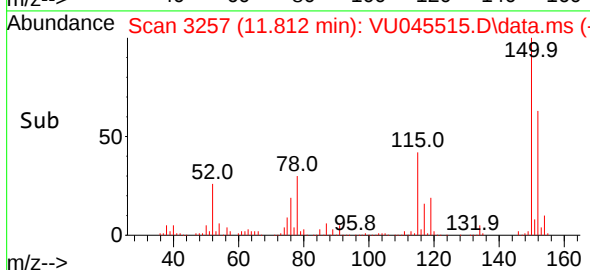
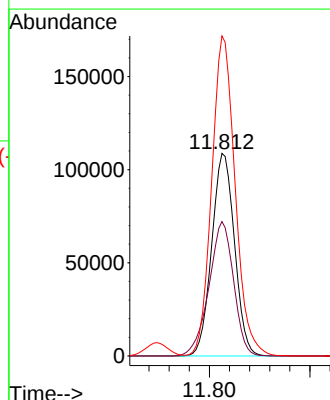
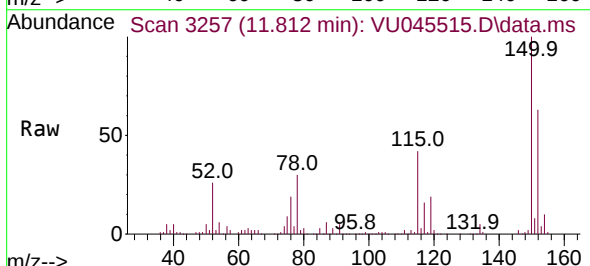
RT: 11.812 min Scan# 3257

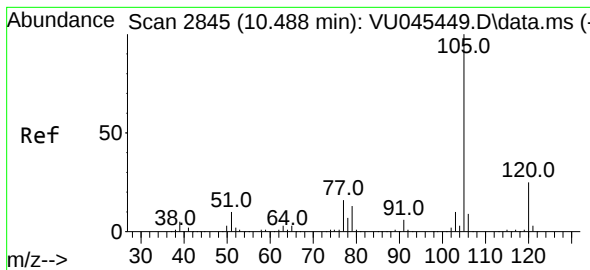
Delta R.T. -0.003 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Tgt Ion:	152	Resp:	170950
Ion Ratio	Lower	Upper	
152	100		
115	71.6	42.7	128.1
150	162.6	0.0	346.8





#73

Isopropylbenzene

Concen: 20.805 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion:105 Resp: 239810

Ion Ratio Lower Upper

105 100

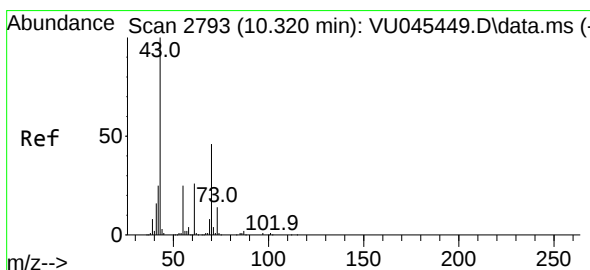
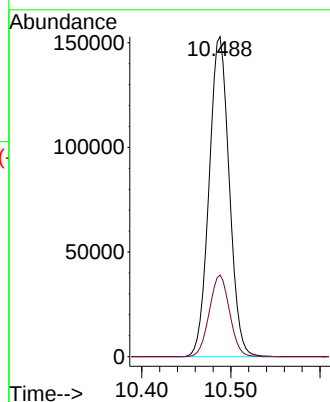
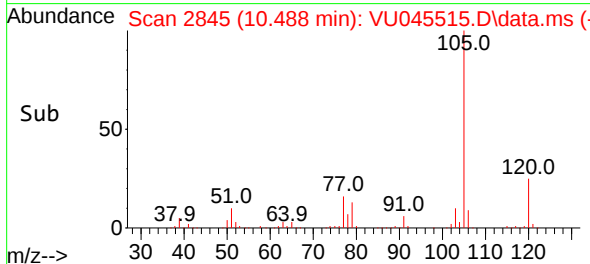
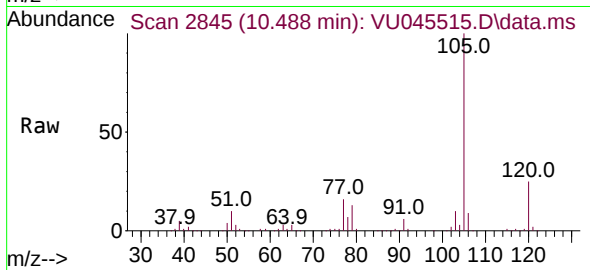
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#74

N-ethyl acetate

Concen: 18.254 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. 0.001 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Tgt Ion: 43 Resp: 104649

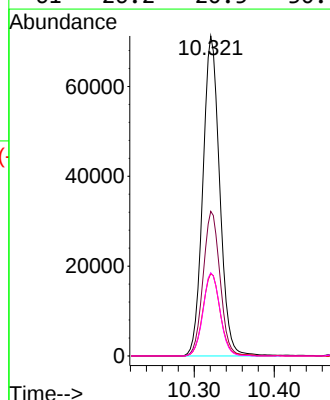
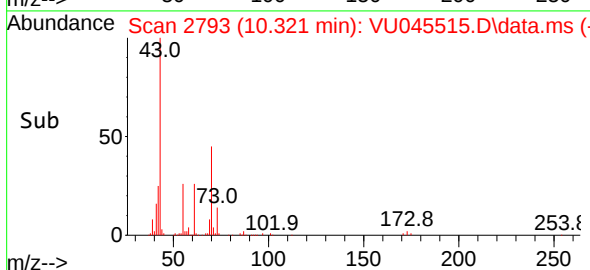
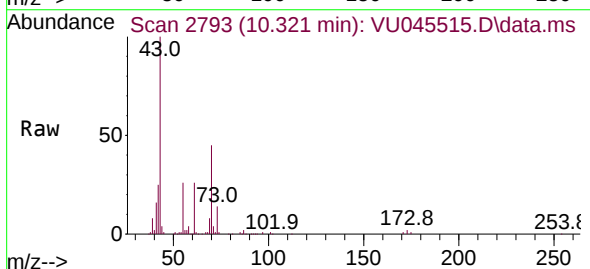
Ion Ratio Lower Upper

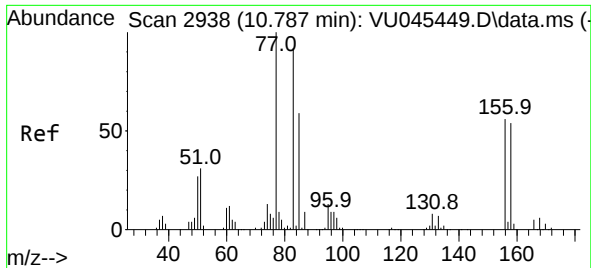
43 100

70 45.4 36.9 55.3

55 26.6 20.6 31.0

61 26.2 20.5 30.7





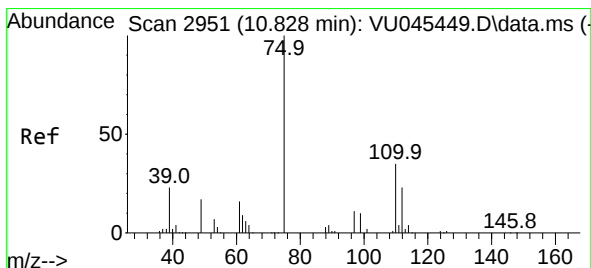
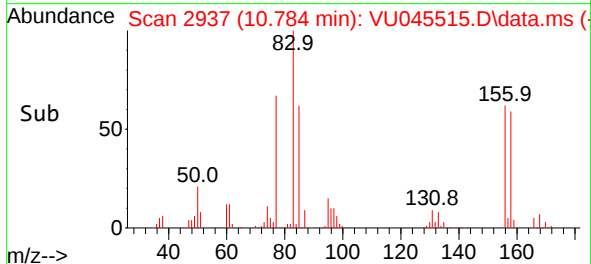
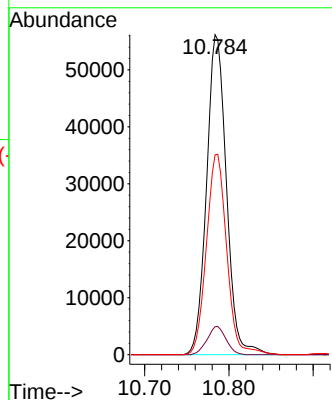
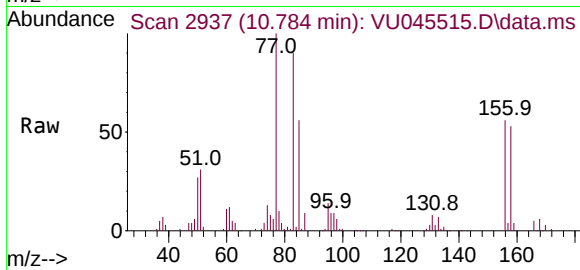
#75
1,1,2,2-Tetrachloroethane
Concen: 20.153 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion: 83 Resp: 92199
Ion Ratio Lower Upper
83 100
131 8.4 4.4 13.2
85 64.0 31.9 95.9

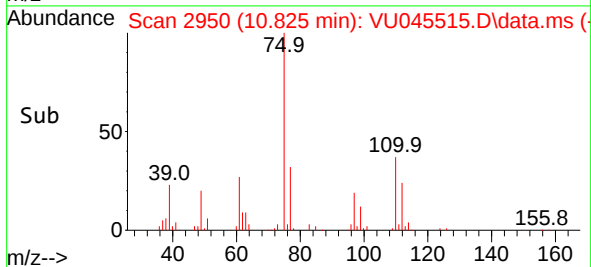
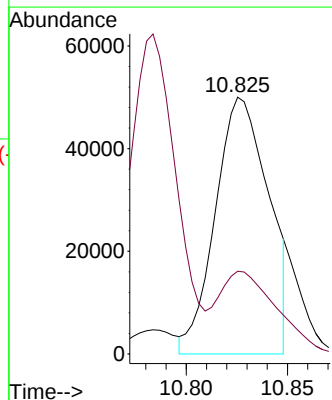
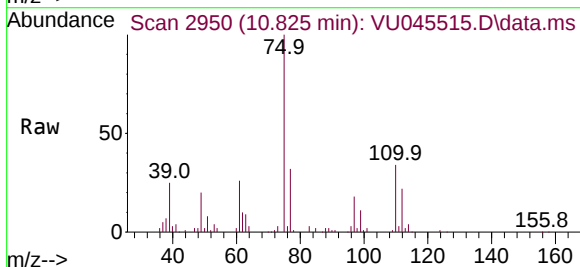
Manual Integrations
APPROVED

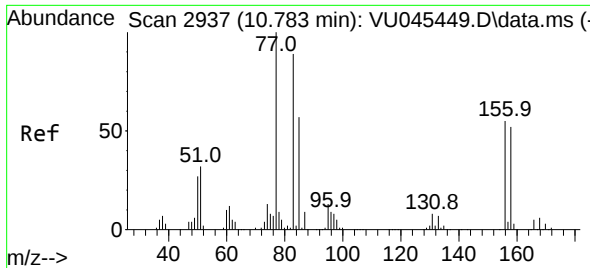
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#76
1,2,3-Trichloropropane
Concen: 20.028 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

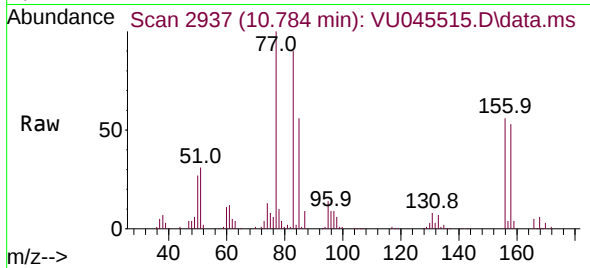
Tgt Ion: 75 Resp: 91224
Ion Ratio Lower Upper
75 100
77 35.7 17.1 51.3





#77
Bromobenzene
Concen: 21.076 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

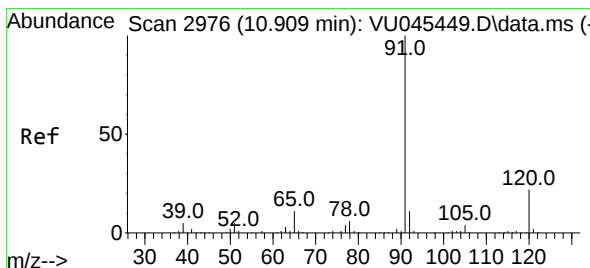
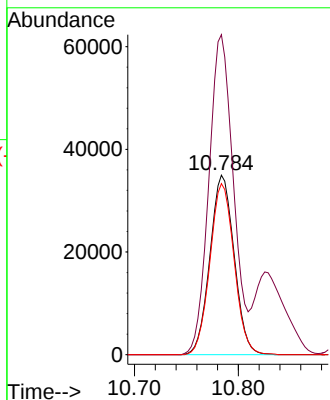
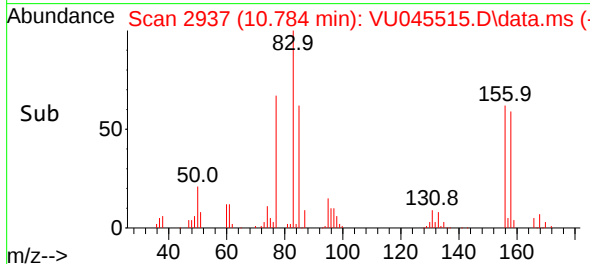
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



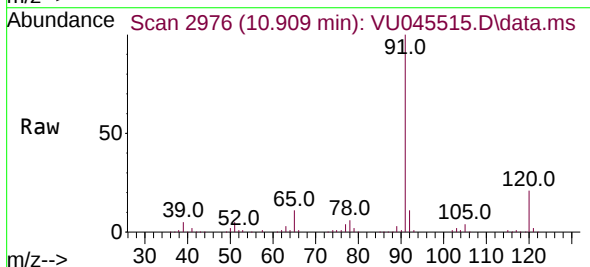
Tgt Ion:156 Resp: 5668
Ion Ratio Lower Upper
156 100
77 179.7 91.1 273.4
158 95.2 47.9 143.6

Manual Integrations
APPROVED

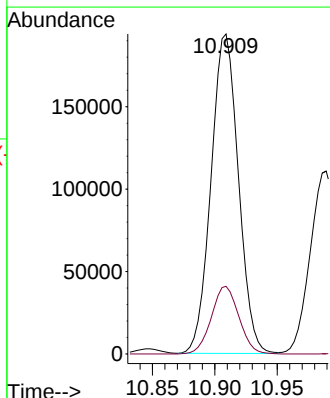
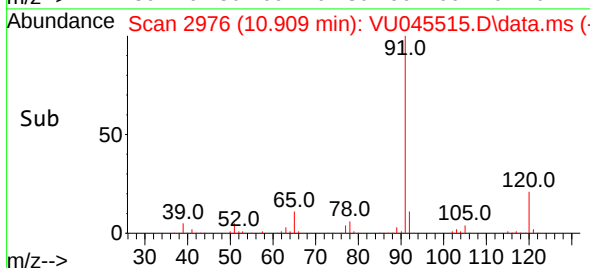
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

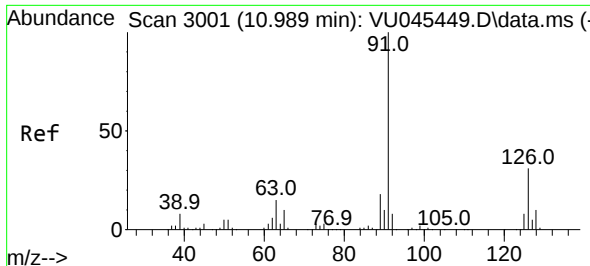


#78
n-propylbenzene
Concen: 21.217 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35



Tgt Ion: 91 Resp: 296511
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.7





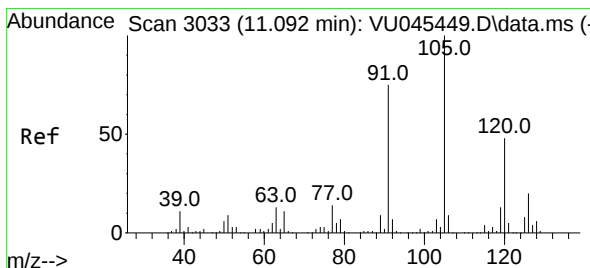
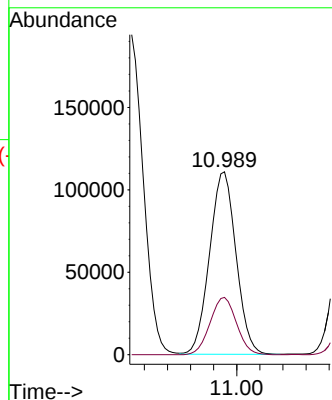
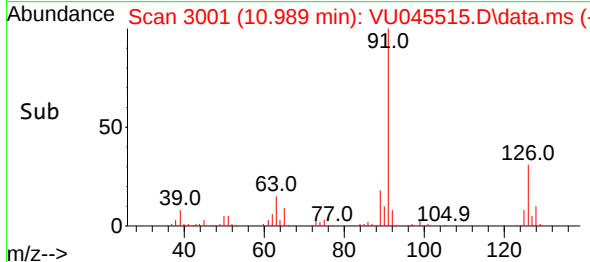
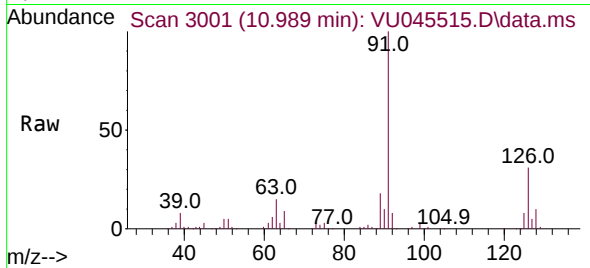
#79
2-Chlorotoluene
Concen: 20.952 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion: 91 Resp: 17624
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8

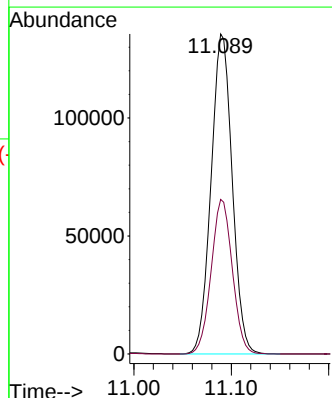
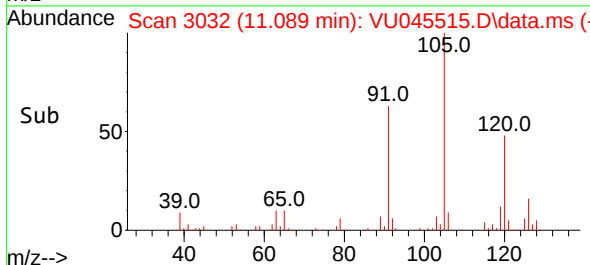
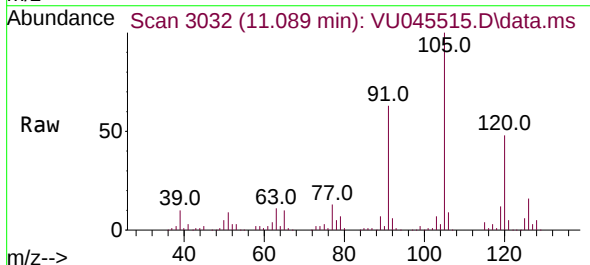
Manual Integrations
APPROVED

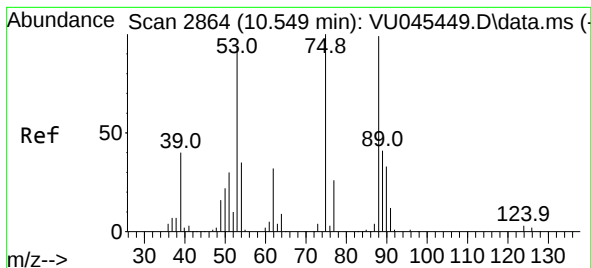
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.036 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Tgt Ion:105 Resp: 204037
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.8





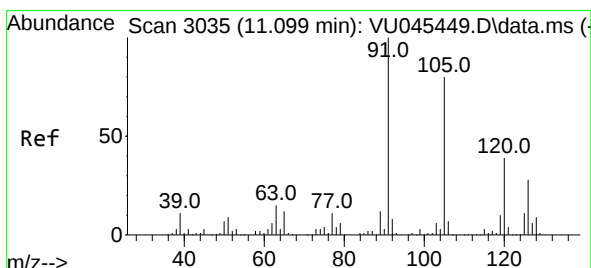
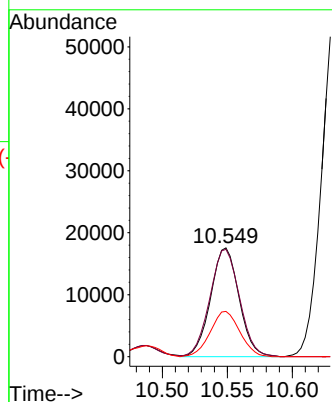
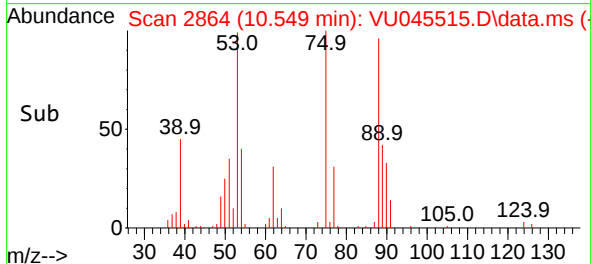
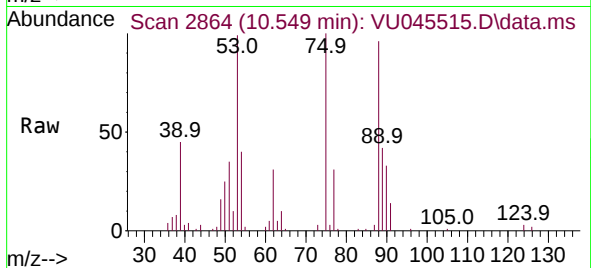
#81
trans-1,4-Dichloro-2-butene
Concen: 18.208 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02

Tgt Ion: 75 Resp: 2669
Ion Ratio Lower Upper
75 100
53 102.7 76.2 114.4
89 43.3 34.0 51.0

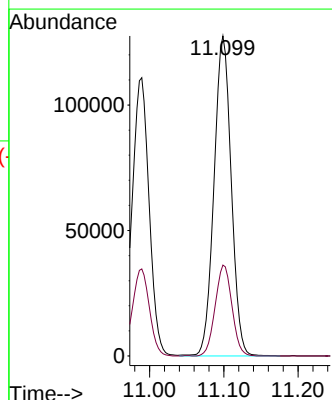
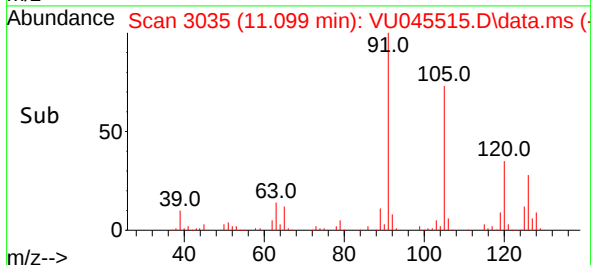
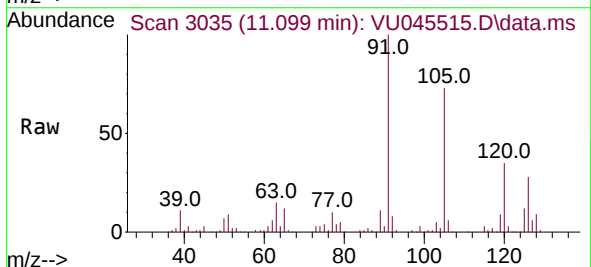
Manual Integrations
APPROVED

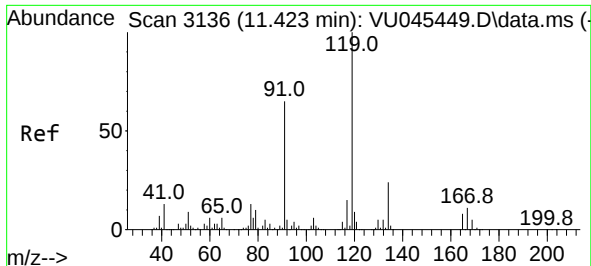
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#82
4-Chlorotoluene
Concen: 21.463 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

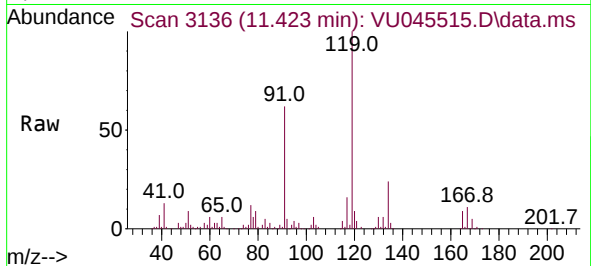
Tgt Ion: 91 Resp: 205303
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4





#83
tert-Butylbenzene
Concen: 20.427 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

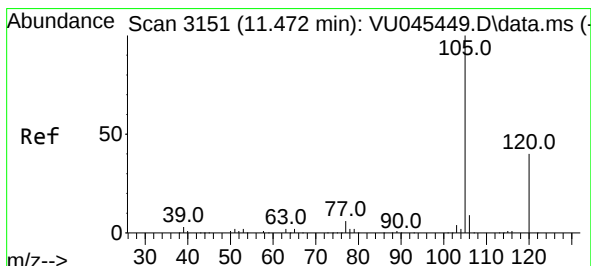
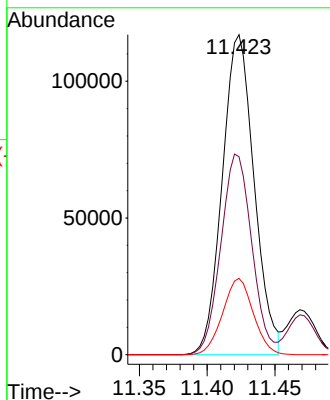
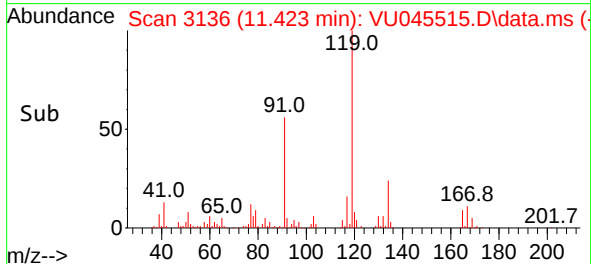
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



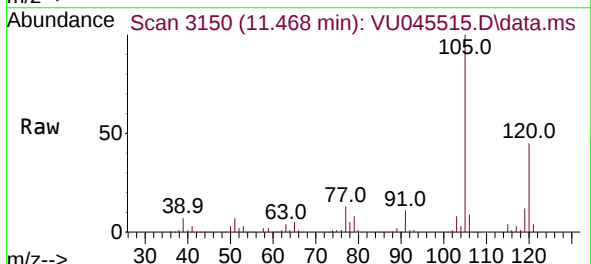
Tgt Ion:119 Resp: 191249
Ion Ratio Lower Upper
119 100
91 60.8 30.5 91.5
134 23.0 11.5 34.5

Manual Integrations
APPROVED

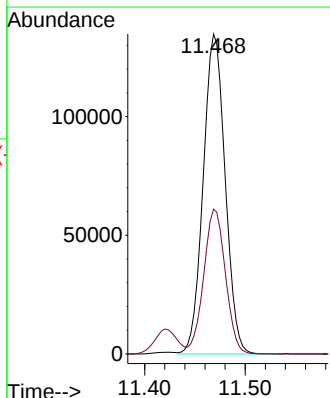
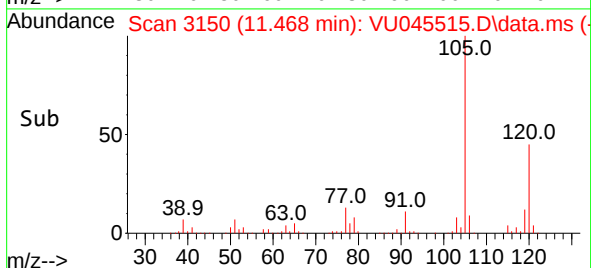
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

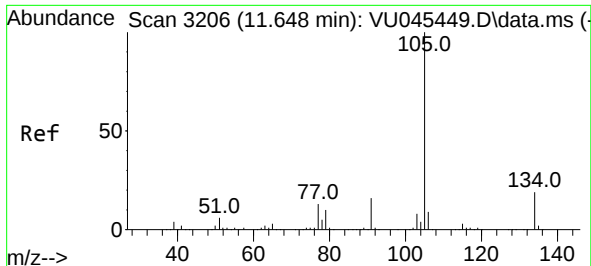


#84
1,2,4-Trimethylbenzene
Concen: 21.038 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.004 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35



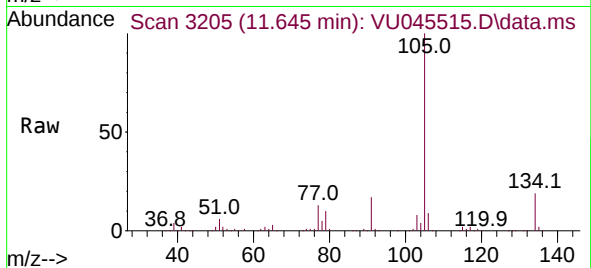
Tgt Ion:105 Resp: 204462
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 20.758 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045515.D
 Acq: 02 Nov 2021 15:35

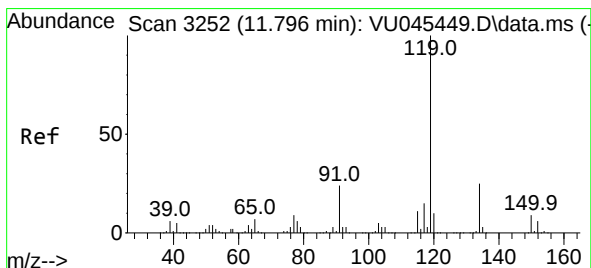
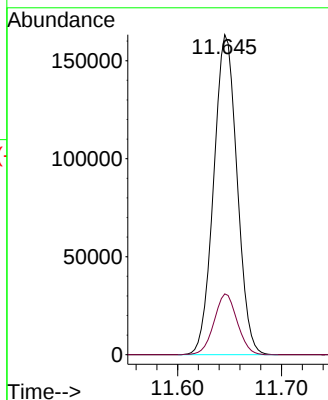
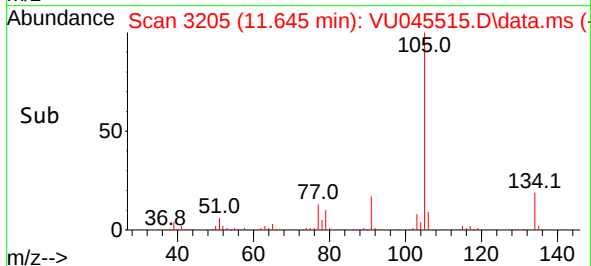
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1102WBS02



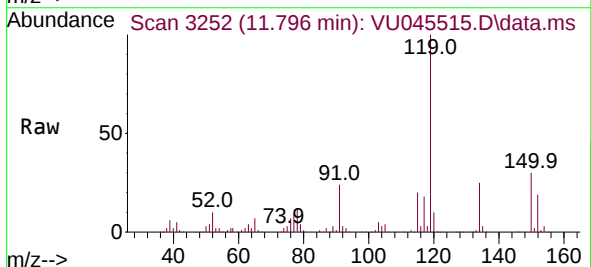
Tgt Ion:105 Resp: 25503
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.3

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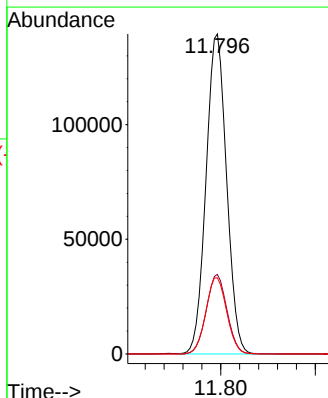
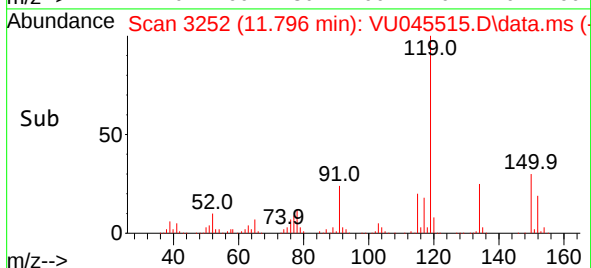
Reviewed By :John Carlone 11/03/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021

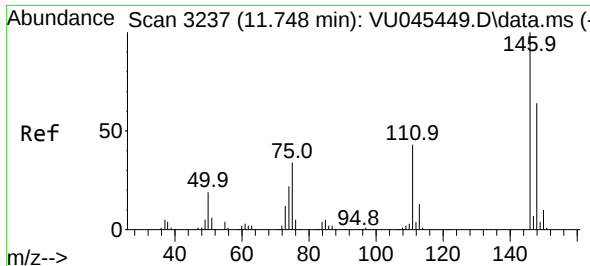


#86
 p-Isopropyltoluene
 Concen: 19.447 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045515.D
 Acq: 02 Nov 2021 15:35



Tgt Ion:119 Resp: 210416
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.1
 91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.094 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBS02

Tgt Ion:146 Resp: 10668

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

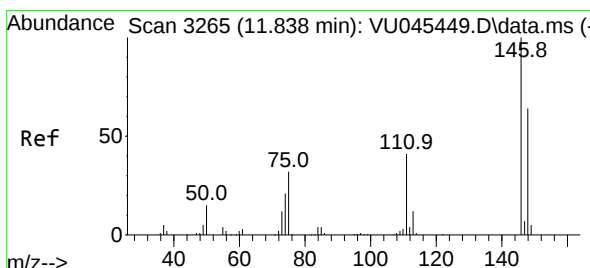
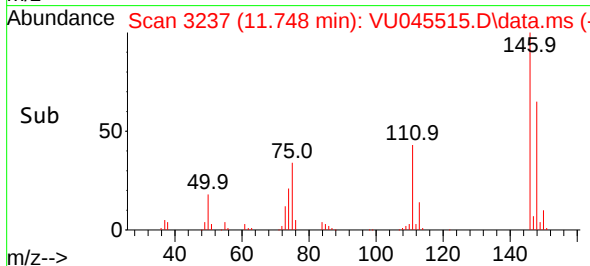
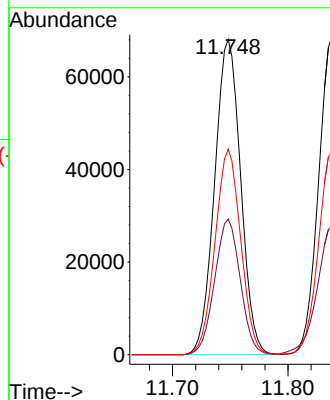
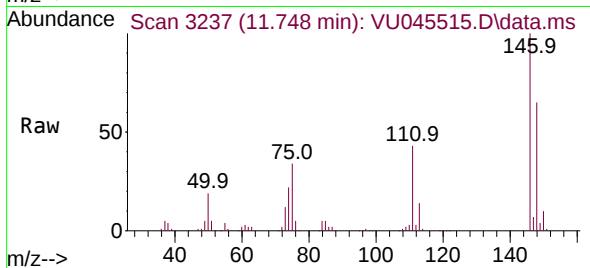
148 64.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Semsettin Yesilyurt 11/09/2021



#88

1,4-Dichlorobenzene

Concen: 19.997 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

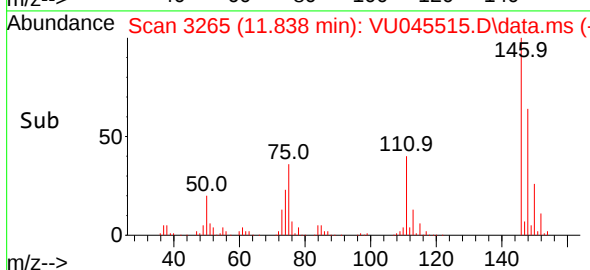
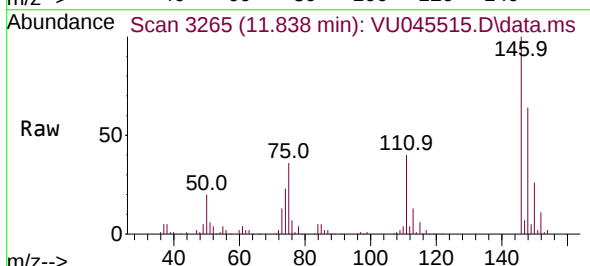
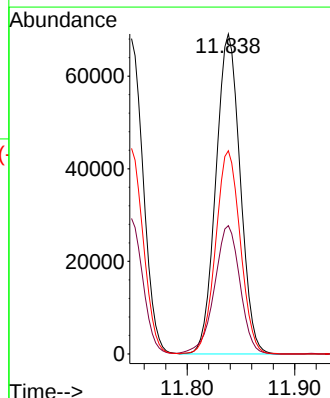
Tgt Ion:146 Resp: 108565

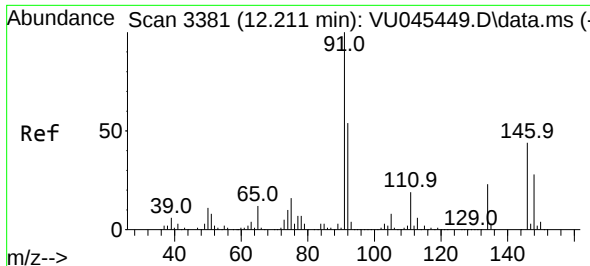
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.9

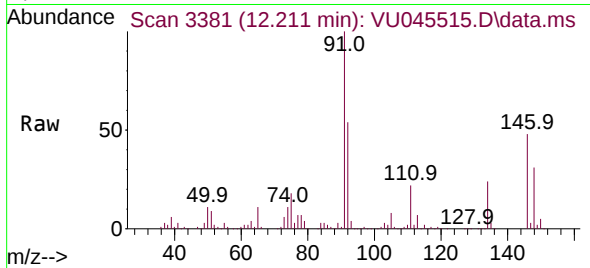
148 64.6 31.9 95.7





#89
n-Butylbenzene
Concen: 19.022 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

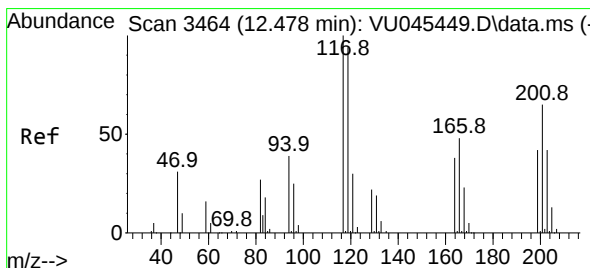
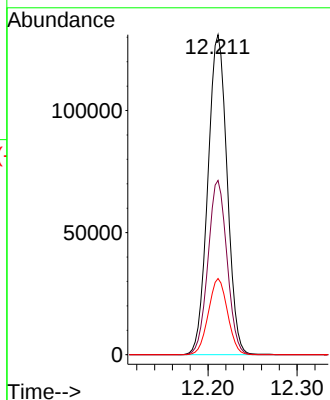
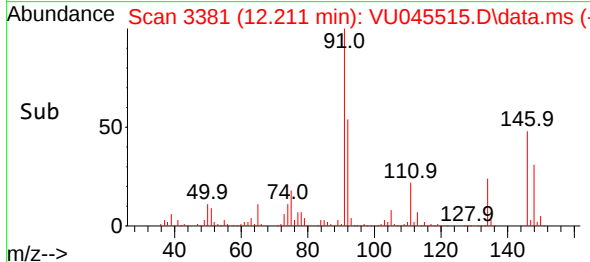
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



Tgt Ion: 91 Resp: 196334
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.2
134 23.7 11.8 35.4

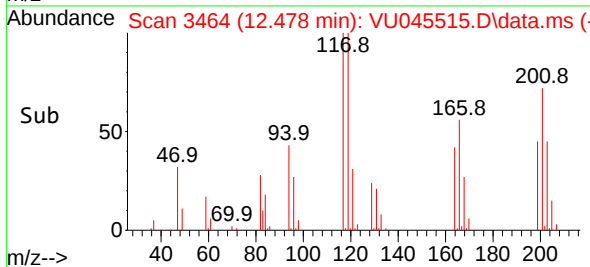
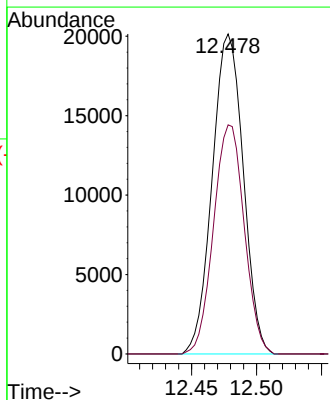
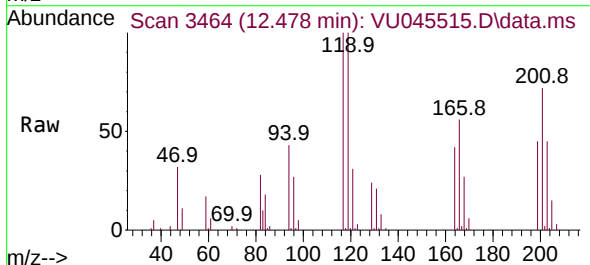
Manual Integrations
APPROVED

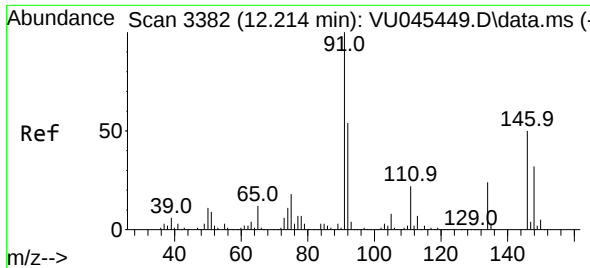
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#90
Hexachloroethane
Concen: 19.057 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

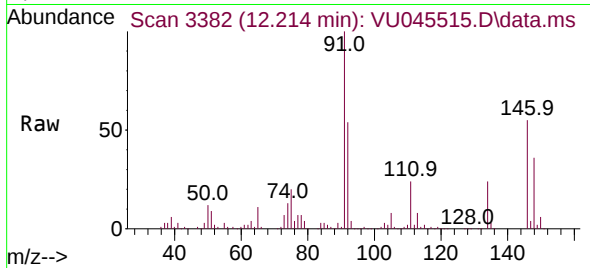
Tgt Ion:117 Resp: 33419
Ion Ratio Lower Upper
117 100
201 70.8 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 20.318 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

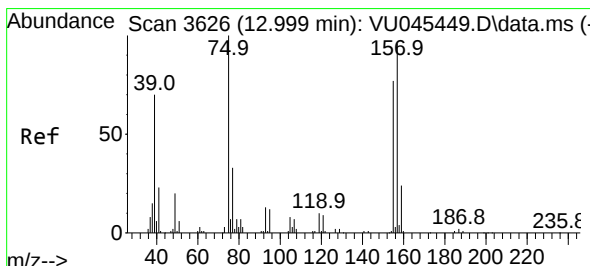
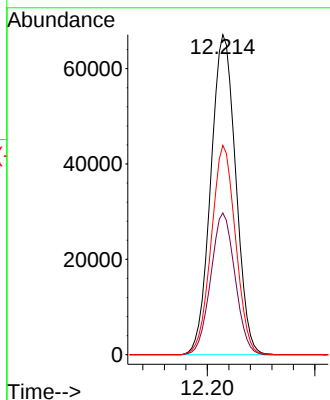
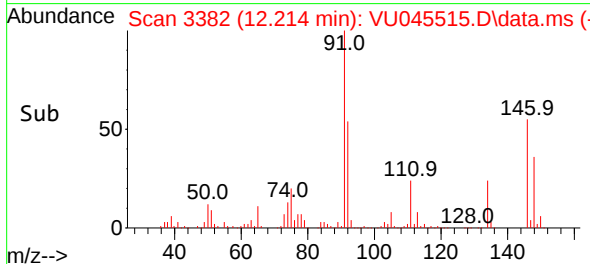
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



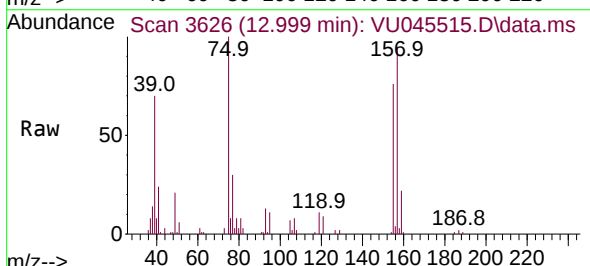
Tgt Ion:146 Resp: 107890
Ion Ratio Lower Upper
146 100
111 43.2 21.9 65.5
148 64.0 32.1 96.3

Manual Integrations
APPROVED

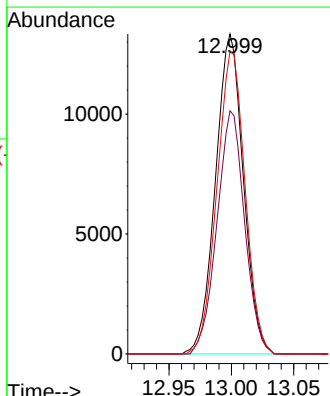
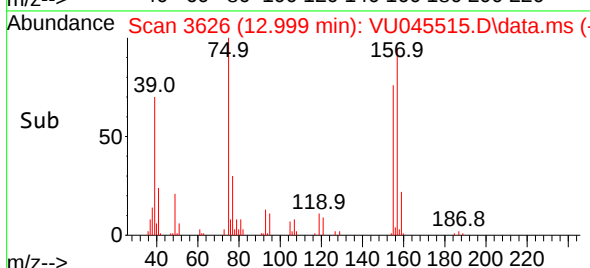
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

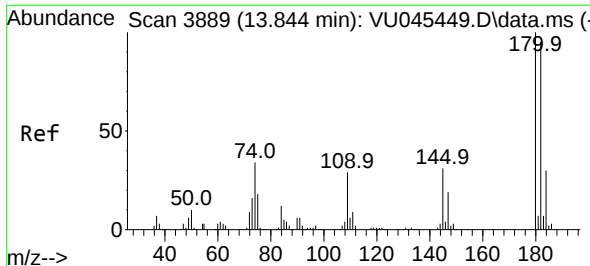


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.913 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35



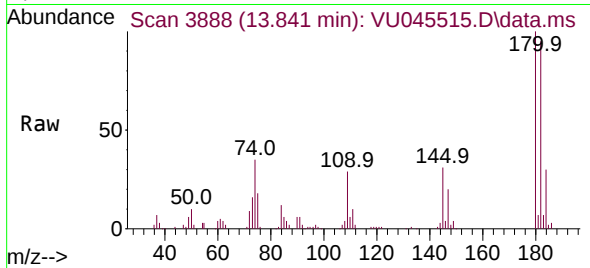
Tgt Ion: 75 Resp: 20782
Ion Ratio Lower Upper
75 100
155 75.2 37.8 113.3
157 95.3 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 19.791 ug/l
RT: 13.841 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

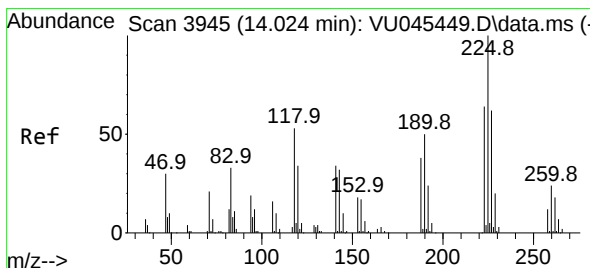
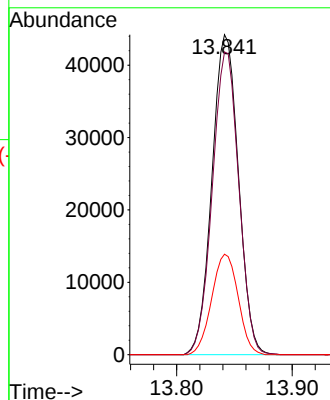
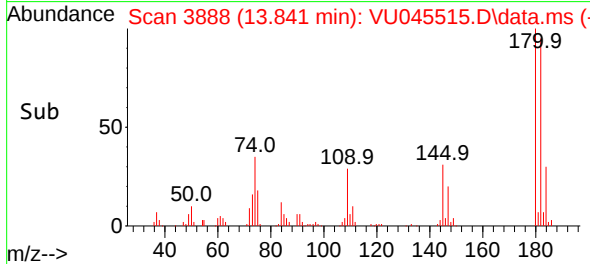
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



Tgt Ion:180 Resp: 70375
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.2
145 31.4 15.6 46.7

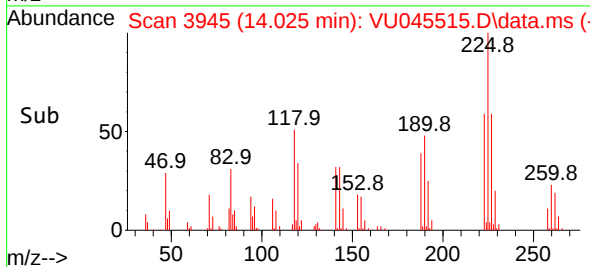
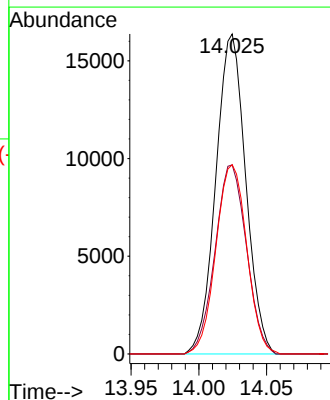
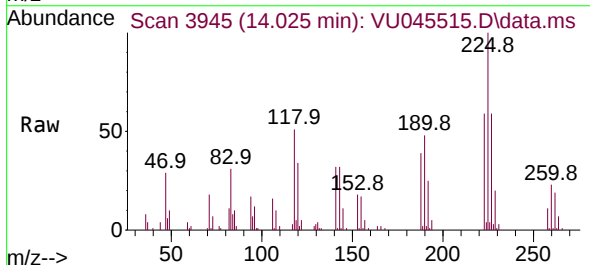
Manual Integrations
APPROVED

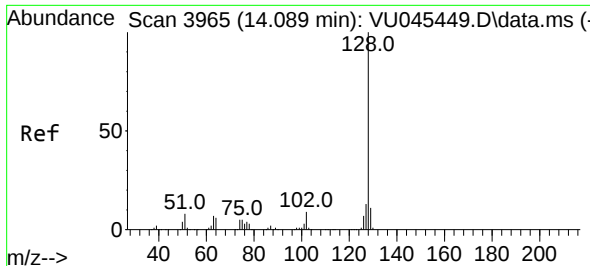
Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#94
Hexachlorobutadiene
Concen: 19.380 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

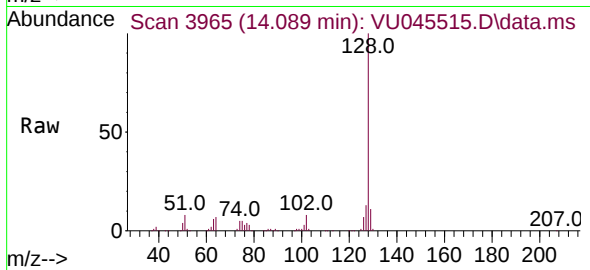
Tgt Ion:225 Resp: 25092
Ion Ratio Lower Upper
225 100
223 62.1 32.0 96.2
227 61.0 31.1 93.5





#95
Naphthalene
Concen: 18.825 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35

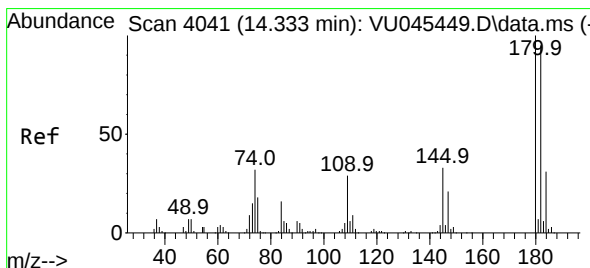
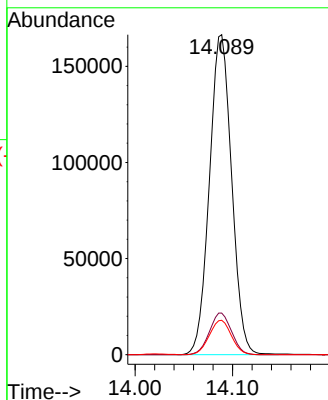
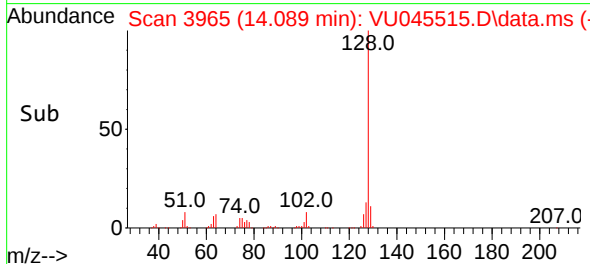
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBS02



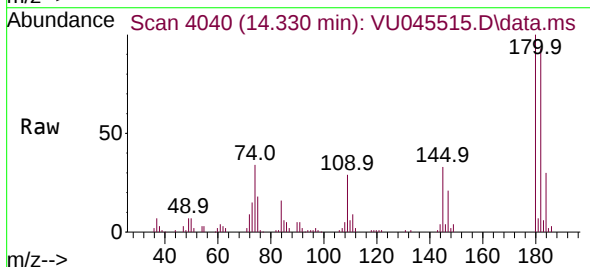
Tgt Ion:128 Resp: 263770
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.229 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU045515.D
Acq: 02 Nov 2021 15:35



Tgt Ion:180 Resp: 72508
Ion Ratio Lower Upper
180 100
182 94.1 47.7 143.1
145 32.6 16.7 50.0

