

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045530.D
 Acq On : 03 Nov 2021 19:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 04 09:02:13 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 11/05/2021
 Supervised By : Mahesh Dadoda 11/05/2021

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	174166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	325000	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	313634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	148932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	135093	47.644	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.280%		
35) Dibromofluoromethane	5.292	113	97070	46.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.940%		
50) Toluene-d8	7.899	98	314683	38.833	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	77.660%#		
62) 4-Bromofluorobenzene	10.636	95	160727	52.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	133298	52.231	ug/l	99
3) Chloromethane	1.520	50	173095	49.946	ug/l	99
4) Vinyl Chloride	1.607	62	159779	55.535	ug/l	99
5) Bromomethane	1.861	94	75427	43.186	ug/l	99
6) Chloroethane	1.935	64	58224	33.589	ug/l	99
7) Trichlorofluoromethane	2.141	101	131586	40.850	ug/l	100
8) Diethyl Ether	2.379	74	57984	38.825	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.585	101	106235	54.894	ug/l	99
10) Methyl Iodide	2.726	142	57314	34.304	ug/l	98
11) Tert butyl alcohol	3.228	59	162134	264.905	ug/l	98
12) 1,1-Dichloroethene	2.585	96	107602	54.076	ug/l	94
13) Acrolein	2.491	56	31383	229.099	ug/l	99
14) Allyl chloride	2.929	41	208384	57.032	ug/l	98
15) Acrylonitrile	3.321	53	414194	279.125	ug/l	99
16) Acetone	2.642	43	409493	318.111	ug/l	95
17) Carbon Disulfide	2.800	76	317360	54.805	ug/l	99
18) Methyl Acetate	2.954	43	260605	54.365	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	405976	55.453	ug/l	100
20) Methylene Chloride	3.051	84	133621	52.092	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	118916	55.458	ug/l	96
22) Diisopropyl ether	3.996	45	387135	54.182	ug/l	100
23) Vinyl Acetate	3.961	43	1452344	262.045	ug/l	99
24) 1,1-Dichloroethane	3.874	63	221820	52.979	ug/l	100
25) 2-Butanone	4.710	43	515383	265.211	ug/l	96
26) 2,2-Dichloropropane	4.668	77	166618	51.367	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	129576	52.514	ug/l	97
28) Bromochloromethane	4.973	49	95414	46.200	ug/l	97
29) Tetrahydrofuran	5.057	42	323233	256.482	ug/l	98
30) Chloroform	5.092	83	214022	52.718	ug/l	99
31) Cyclohexane	5.391	56	202867	48.055	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	142022	42.626	ug/l	96
36) 1,1-Dichloropropene	5.530	75	155896	50.391	ug/l	98
37) Ethyl Acetate	4.806	43	186477	49.770	ug/l	98
38) Carbon Tetrachloride	5.530	117	137329	50.897	ug/l	99
39) Methylcyclohexane	6.768	83	144369	37.526	ug/l	91
40) Benzene	5.777	78	504676	54.192	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	98068	49.457	ug/l	97
42) 1,2-Dichloroethane	5.797	62	166081	48.557	ug/l	97
43) Isopropyl Acetate	5.912	43	290836	51.507	ug/l	97
44) Trichloroethene	6.546	130	92288	42.756	ug/l	89
45) 1,2-Dichloropropane	6.793	63	83962	34.258	ug/l	99
46) Dibromomethane	6.922	93	60616	37.984	ug/l #	88
47) Bromodichloromethane	7.108	83	114808	36.556	ug/l	97
48) Methyl methacrylate	6.964	41	78209	29.222	ug/l #	87
49) 1,4-Dioxane	7.018	88	57404	843.960	ug/l #	89
51) 4-Methyl-2-Pentanone	7.793	43	561448	153.841	ug/l	92
52) Toluene	7.970	92	240896	42.552	ug/l	97
53) t-1,3-Dichloropropene	8.211	75	168296	47.015	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	146128	38.118	ug/l	91
55) 1,1,2-Trichloroethane	8.404	97	114933	49.702	ug/l	98
56) Ethyl methacrylate	8.334	69	180776	42.962	ug/l	92
57) 1,3-Dichloropropane	8.578	76	208459	50.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	317261	149.681	ug/l #	89
59) 2-Hexanone	8.687	43	672033	237.668	ug/l	95
60) Dibromochloromethane	8.813	129	115491	52.040	ug/l	98
61) 1,2-Dibromoethane	8.925	107	130624	53.930	ug/l	99
64) Tetrachloroethene	8.555	164	90803	50.649	ug/l	99
65) Chlorobenzene	9.449	112	315588	53.071	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	109519	54.589	ug/l	99
67) Ethyl Benzene	9.571	91	596068	54.721	ug/l	99
68) m/p-Xylenes	9.697	106	458911	111.608	ug/l	99
69) o-Xylene	10.102	106	224852	56.081	ug/l	100
70) Styrene	10.115	104	380385	51.285	ug/l	99
71) Bromoform	10.295	173	88734	48.943	ug/l #	100
73) Isopropylbenzene	10.488	105	578007	57.557	ug/l	99
74) N-amyl acetate	10.321	43	263058	50.491	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	222910	55.928	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	197980m	49.892	ug/l	
77) Bromobenzene	10.784	156	133915	57.152	ug/l	99
78) n-propylbenzene	10.909	91	709408	58.267	ug/l	99
79) 2-Chlorotoluene	10.989	91	415954	56.760	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	492530	58.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	71869	50.563	ug/l	97
82) 4-Chlorotoluene	11.099	91	480309	57.636	ug/l	99
83) tert-Butylbenzene	11.423	119	469016	57.501	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	494668	58.424	ug/l	100
85) sec-Butylbenzene	11.645	105	617609	57.700	ug/l	100
86) p-Isopropyltoluene	11.796	119	510374	53.808	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	252957	54.690	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	254935	53.900	ug/l	100
89) n-Butylbenzene	12.211	91	482083	51.906	ug/l	100
90) Hexachloroethane	12.478	117	83929	54.934	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	259382	56.070	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	51381	53.672	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	170344	54.986	ug/l	99
94) Hexachlorobutadiene	14.025	225	62682	55.570	ug/l	99
95) Naphthalene	14.089	128	648641	52.953	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	172800	55.337	ug/l	100

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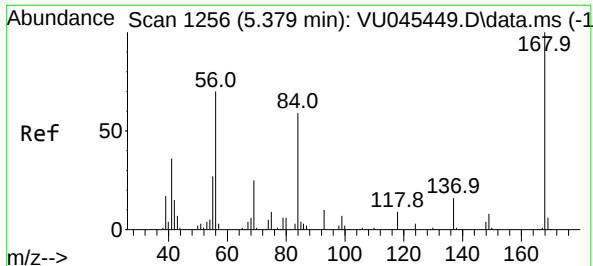
Manual Integrations
APPROVED

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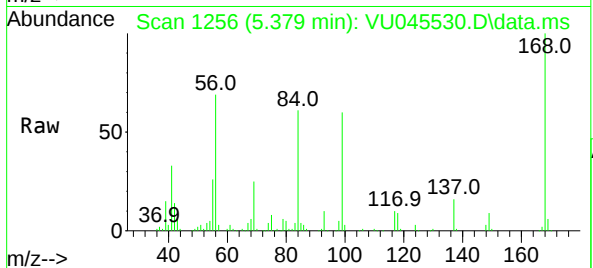
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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: VU045530.D
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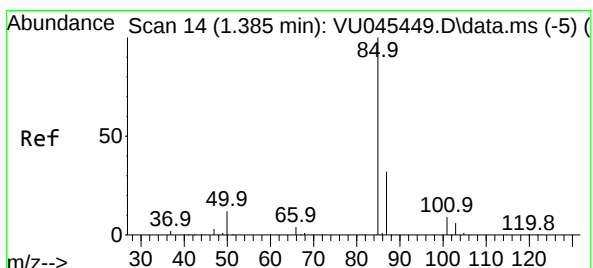
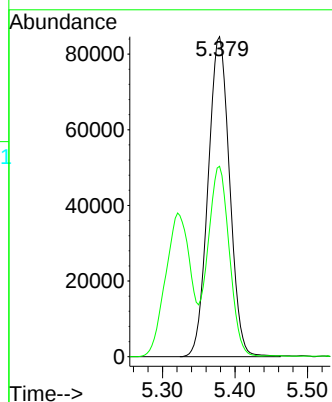
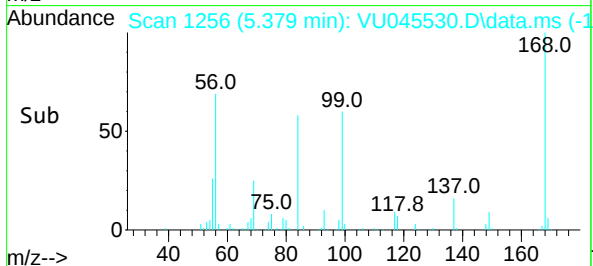
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 174160
Ion Ratio Lower Upper
168 100
99 59.2 51.0 76.6

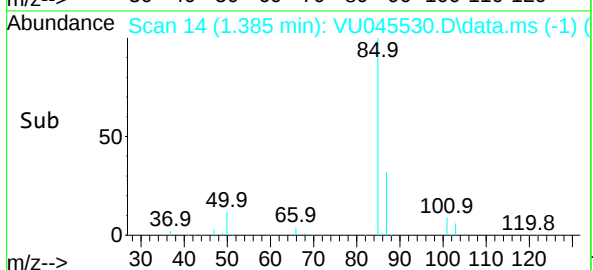
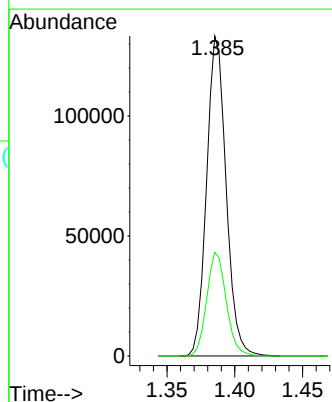
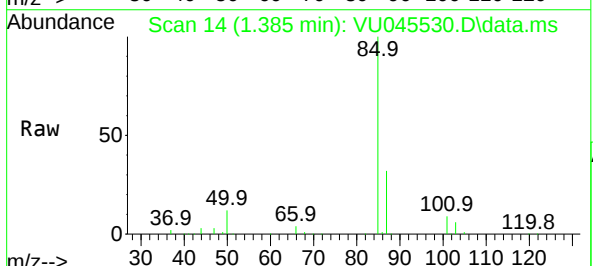
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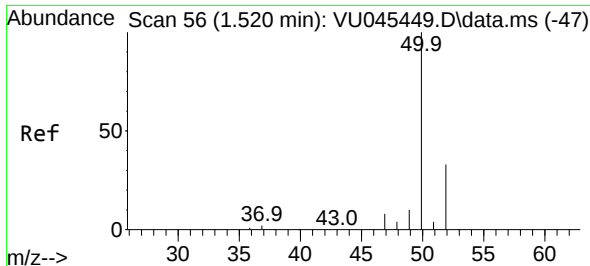
Reviewed By :John Carlone 11/05/2021
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#2
Dichlorodifluoromethane
Concen: 52.231 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Tgt Ion: 85 Resp: 133298
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.7





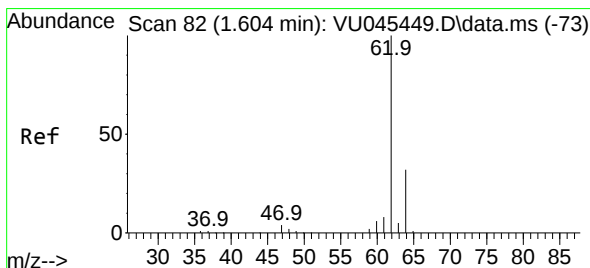
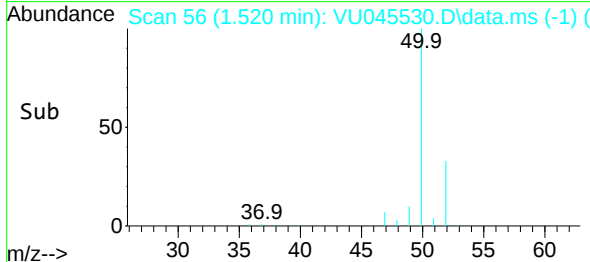
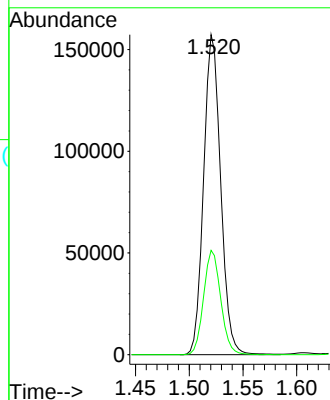
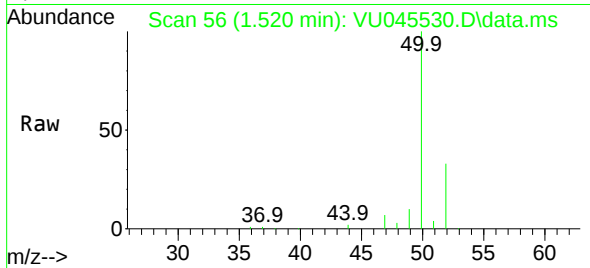
#3
Chloromethane
Concen: 49.946 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

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Tgt Ion: 50 Resp: 173099
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0

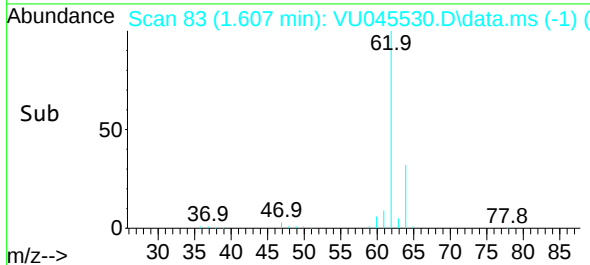
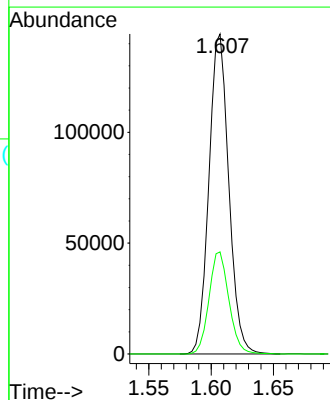
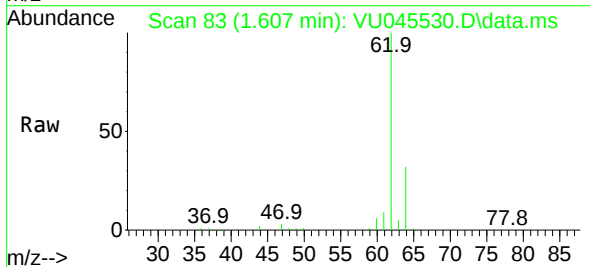
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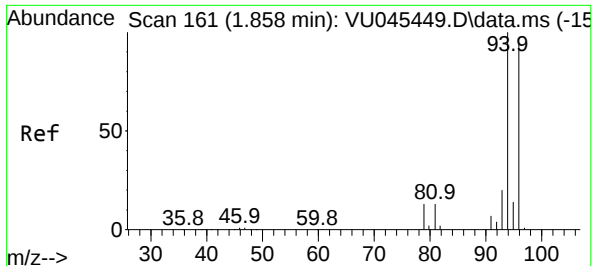
Reviewed By :John Carlone 11/05/2021
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#4
Vinyl Chloride
Concen: 55.535 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Tgt Ion: 62 Resp: 159779
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5

Bromomethane

Concen: 43.186 ug/l

RT: 1.861 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 7542

Ion Ratio Lower Upper

94 100

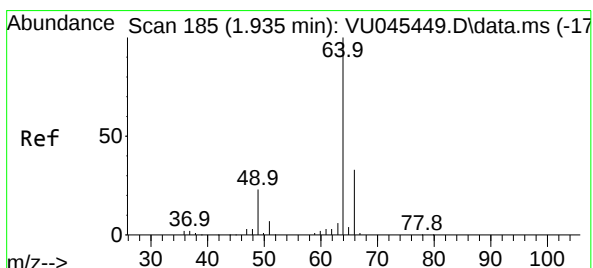
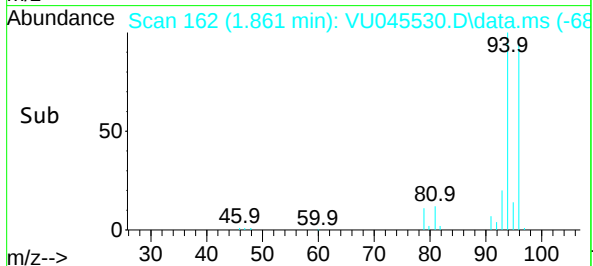
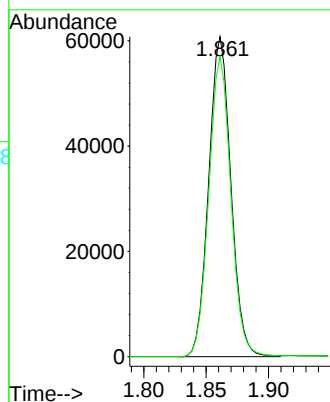
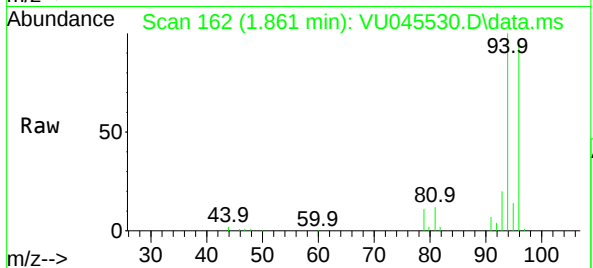
96 93.7 75.4 113.2

Manual Integrations

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#6

Chloroethane

Concen: 33.589 ug/l

RT: 1.935 min Scan# 185

Delta R.T. 0.000 min

Lab File: VU045530.D

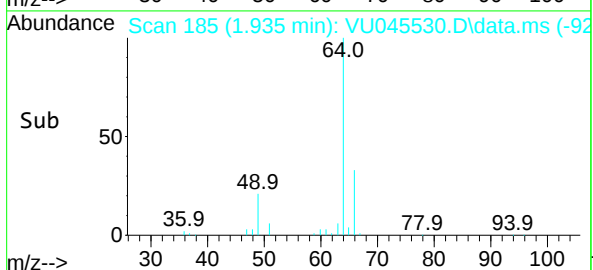
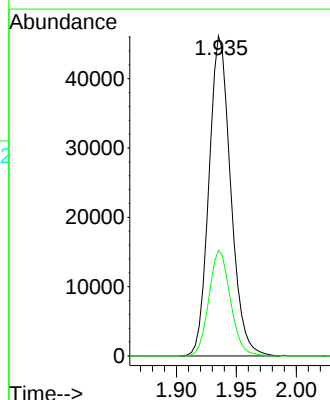
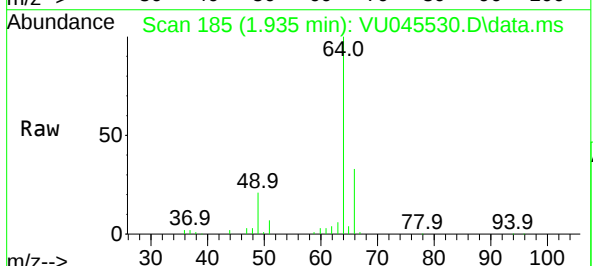
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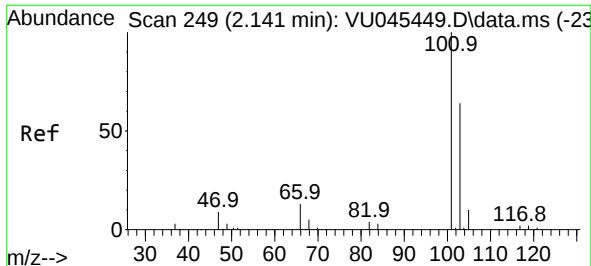
Tgt Ion: 64 Resp: 58224

Ion Ratio Lower Upper

64 100

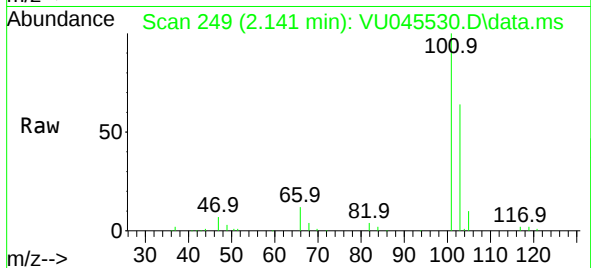
66 33.1 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 40.850 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU045530.D
 Acq: 03 Nov 2021 19:01

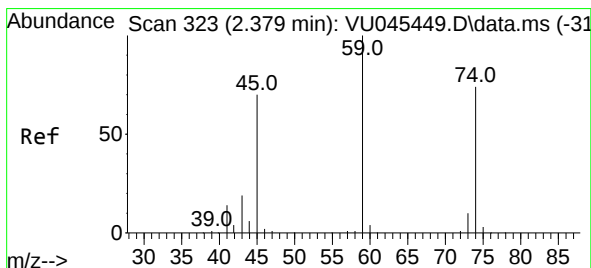
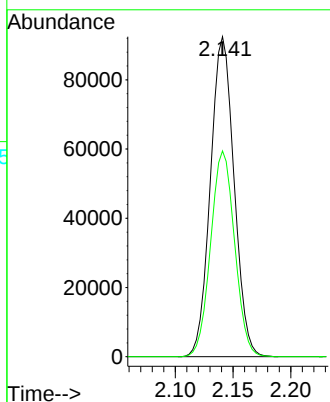
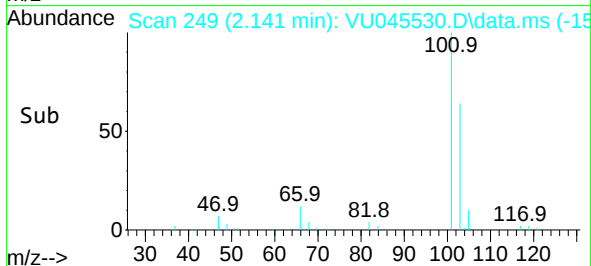
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 131580
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.0

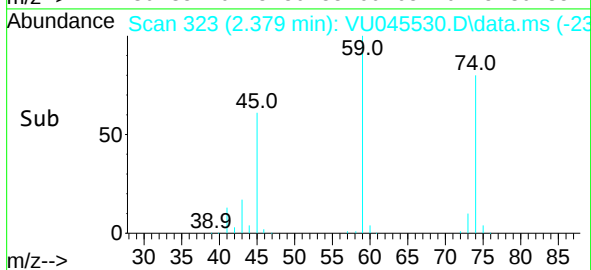
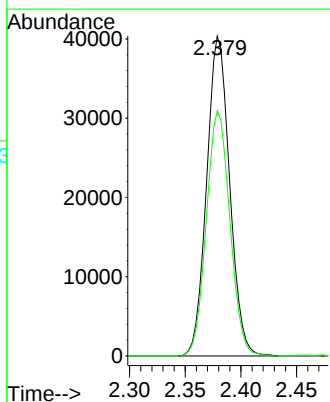
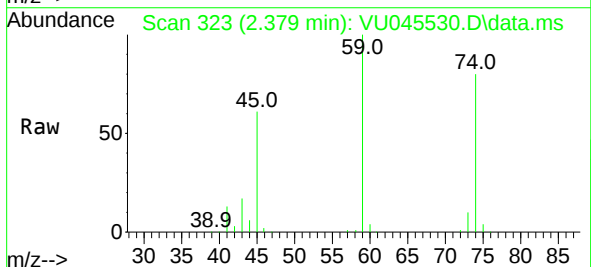
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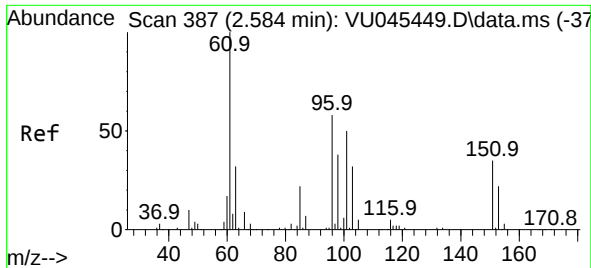
Reviewed By :John Carlone 11/05/2021
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#8
 Diethyl Ether
 Concen: 38.825 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045530.D
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Tgt Ion: 74 Resp: 57984
 Ion Ratio Lower Upper
 74 100
 45 78.6 47.3 141.8





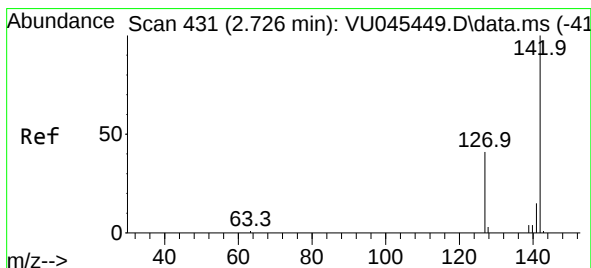
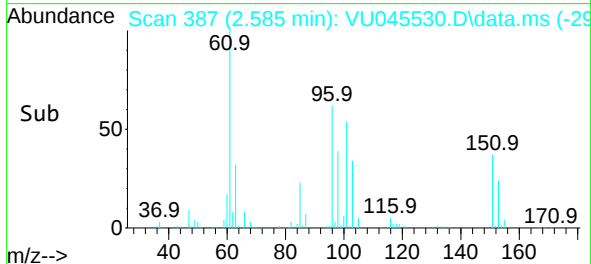
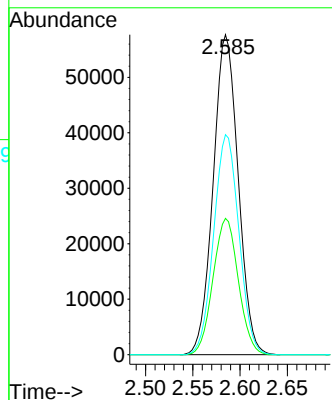
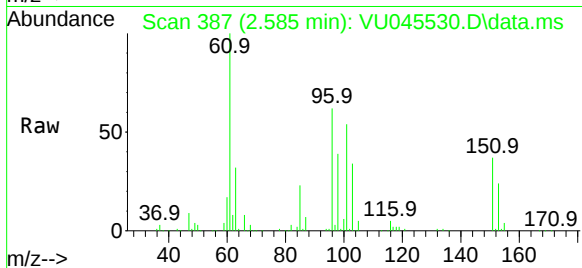
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.894 ug/l
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 106235
Ion Ratio Lower Upper
101 100
85 43.1 35.0 52.4
151 69.4 54.6 82.0

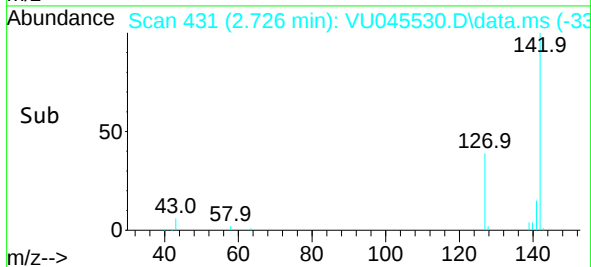
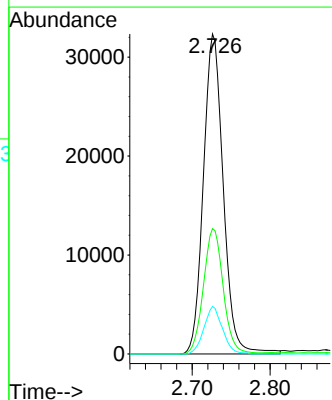
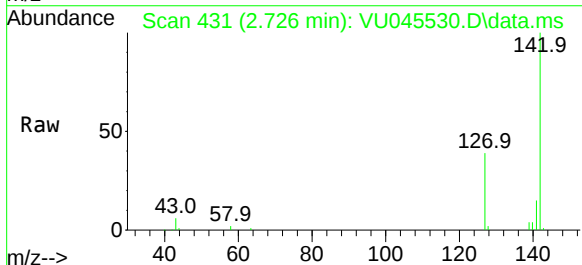
Manual Integrations
APPROVED

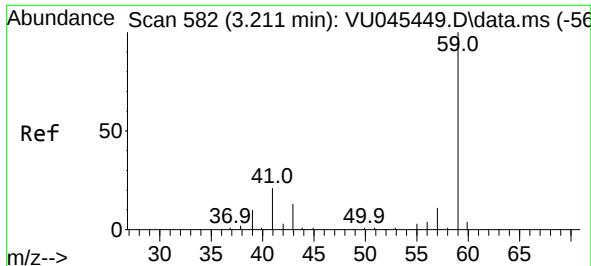
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#10
Methyl Iodide
Concen: 34.304 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

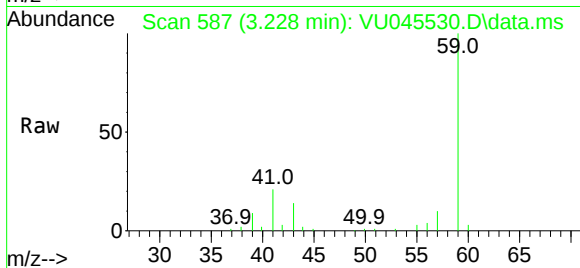
Tgt Ion:142 Resp: 57314
Ion Ratio Lower Upper
142 100
127 38.9 32.2 48.2
141 13.8 11.3 16.9





#11
Tert butyl alcohol
Concen: 264.905 ug/l
RT: 3.228 min Scan# 582
Delta R.T. 0.016 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

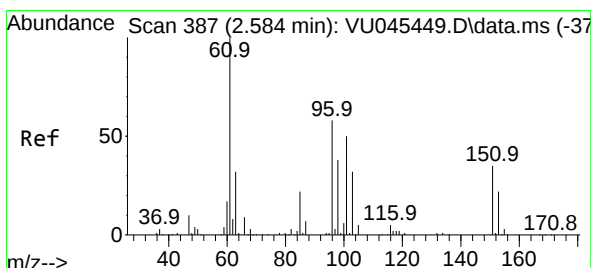
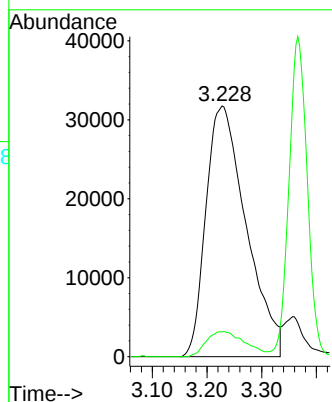
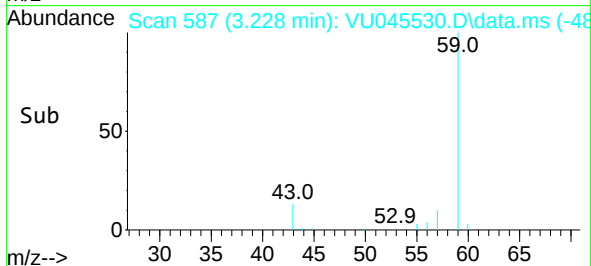
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



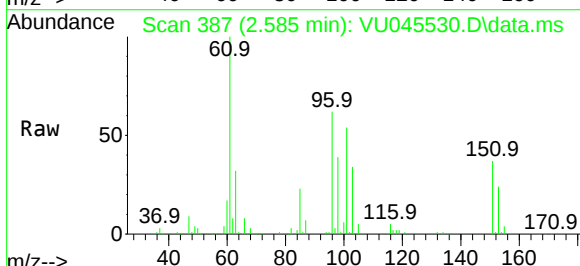
Tgt Ion: 59 Resp: 162134
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

Manual Integrations
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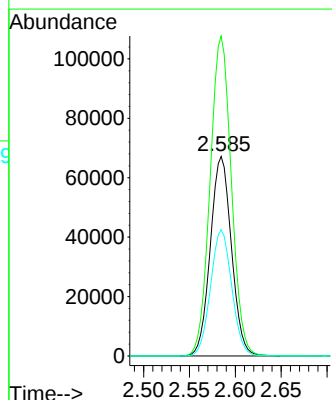
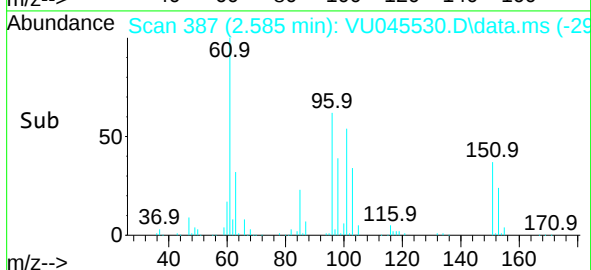
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

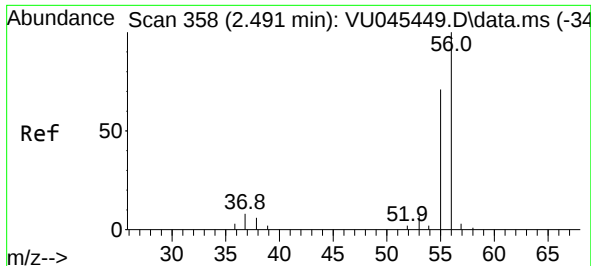


#12
1,1-Dichloroethene
Concen: 54.076 ug/l
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



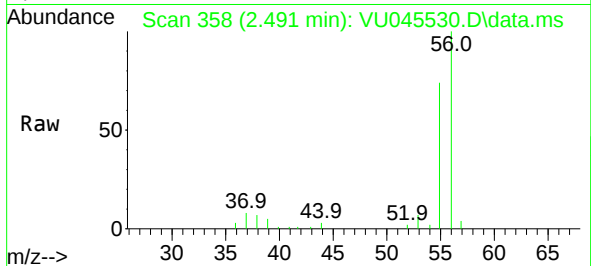
Tgt Ion: 96 Resp: 107602
Ion Ratio Lower Upper
96 100
61 160.4 137.1 205.7
98 63.3 51.5 77.3





#13
Acrolein
Concen: 229.099 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

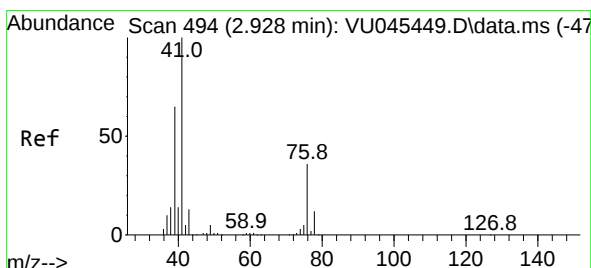
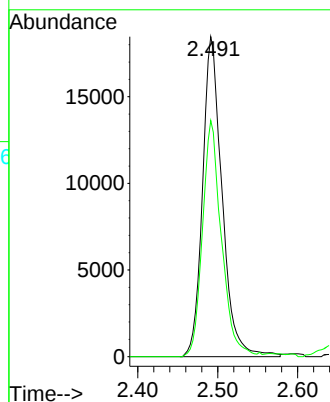
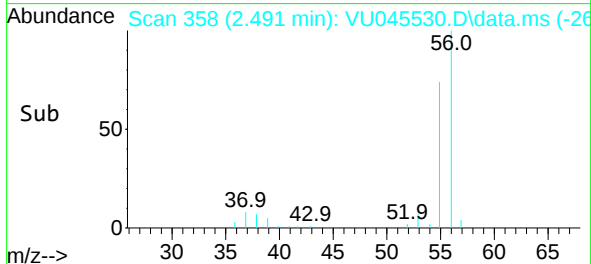
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 3138
Ion Ratio Lower Upper
56 100
55 71.4 56.3 84.5

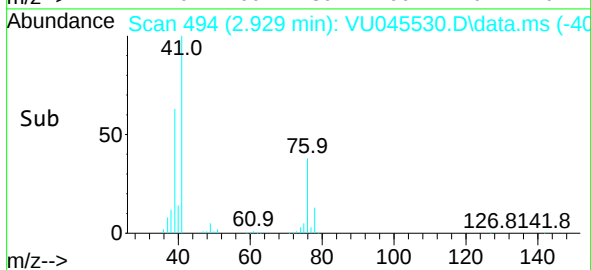
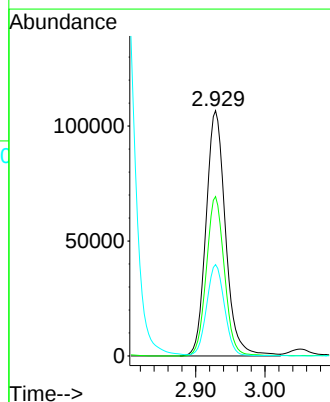
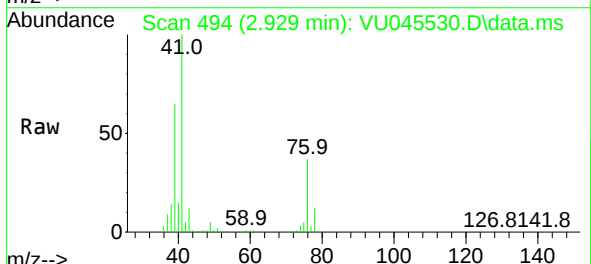
Manual Integrations
APPROVED

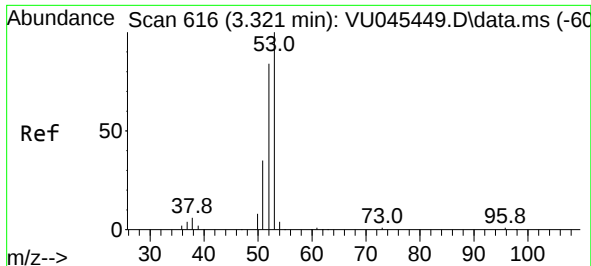
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#14
Allyl chloride
Concen: 57.032 ug/l
RT: 2.929 min Scan# 494
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

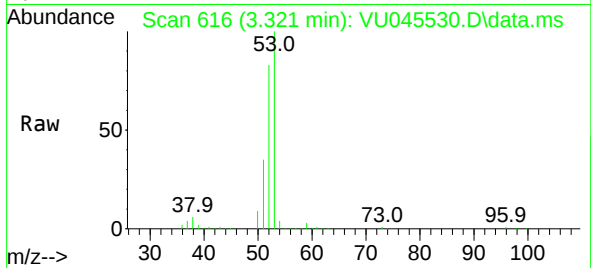
Tgt Ion: 41 Resp: 208384
Ion Ratio Lower Upper
41 100
39 60.0 49.7 74.5
76 33.8 27.7 41.5





#15
Acrylonitrile
Concen: 279.125 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

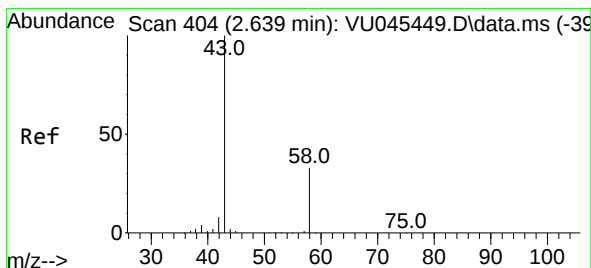
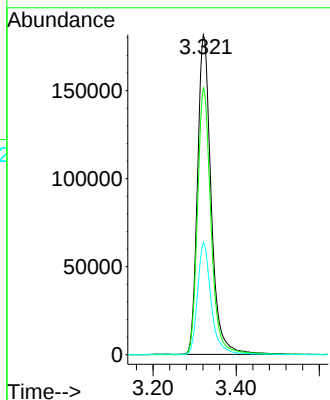
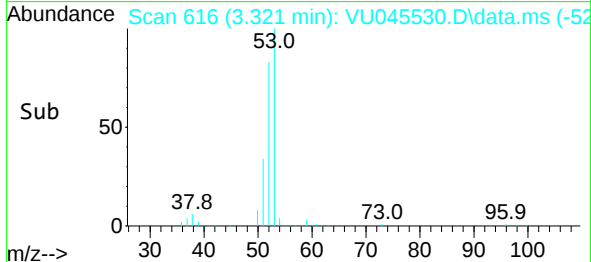
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



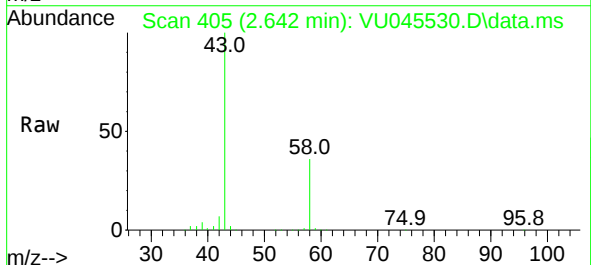
Tgt Ion: 53 Resp: 414194
Ion Ratio Lower Upper
53 100
52 82.3 66.6 100.0
51 34.6 28.4 42.6

Manual Integrations
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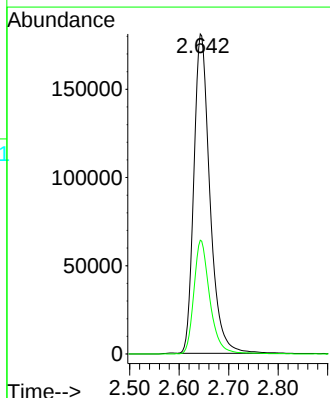
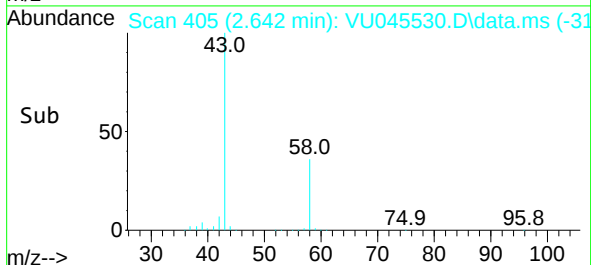
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

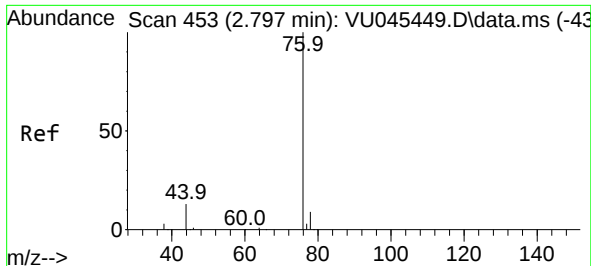


#16
Acetone
Concen: 318.111 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



Tgt Ion: 43 Resp: 409493
Ion Ratio Lower Upper
43 100
58 35.6 26.2 39.2





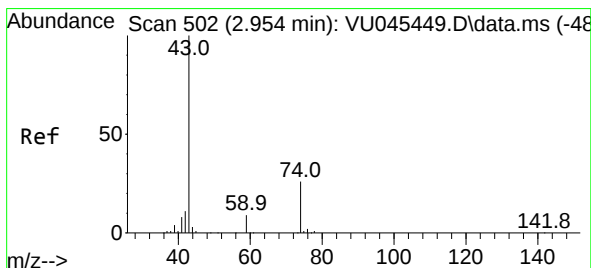
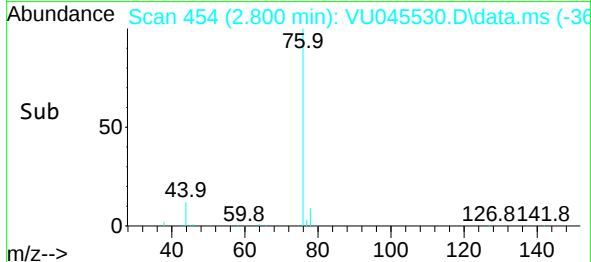
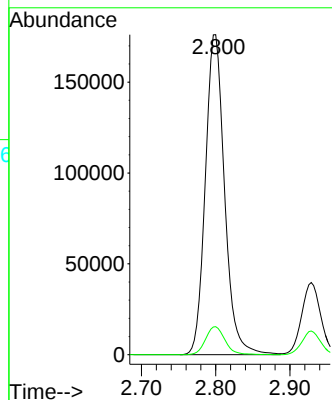
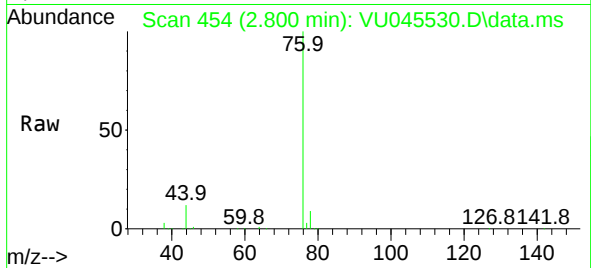
#17
Carbon Disulfide
Concen: 54.805 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 317360
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

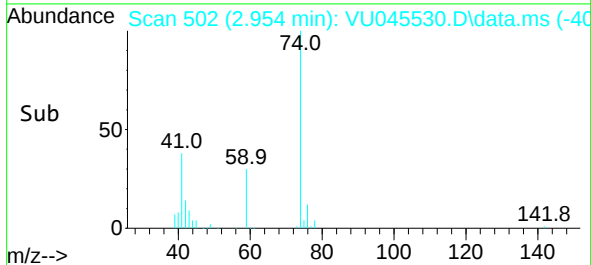
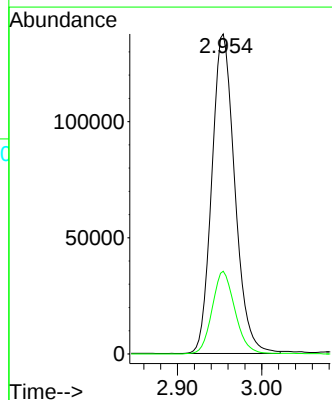
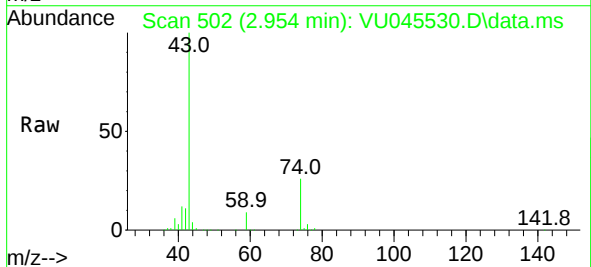
Manual Integrations
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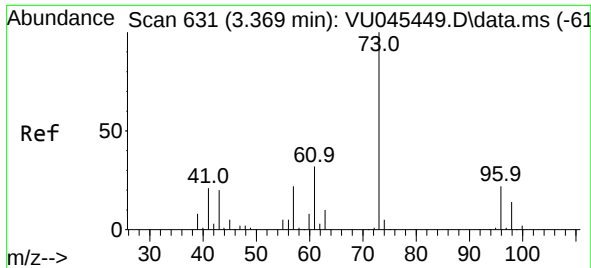
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#18
Methyl Acetate
Concen: 54.365 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Tgt Ion: 43 Resp: 260605
Ion Ratio Lower Upper
43 100
74 25.9 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 55.453 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 405970

Ion Ratio Lower Upper

73 100

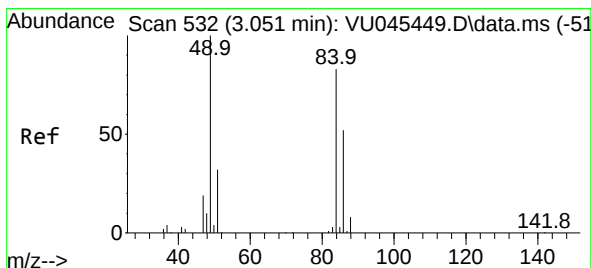
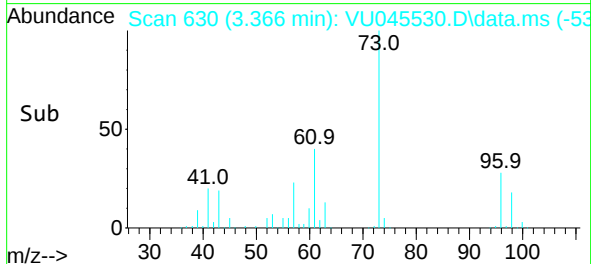
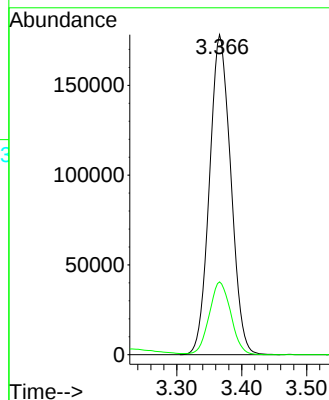
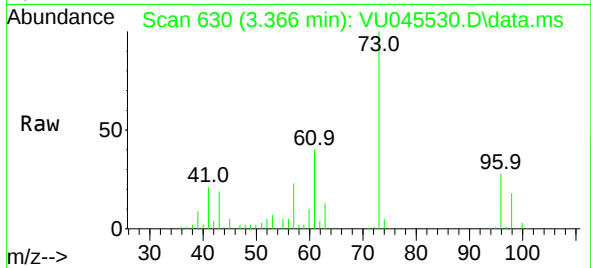
57 22.7 18.1 27.1

Manual Integrations

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Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#20

Methylene Chloride

Concen: 52.092 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Tgt Ion: 84 Resp: 133621

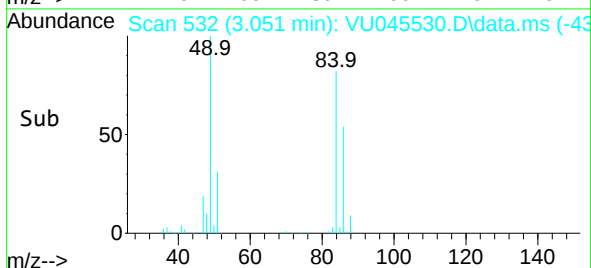
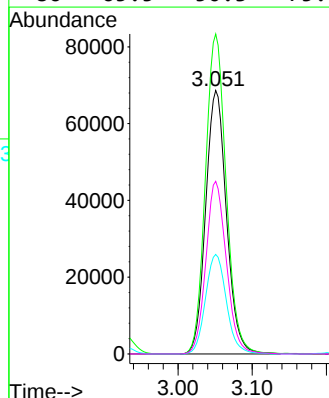
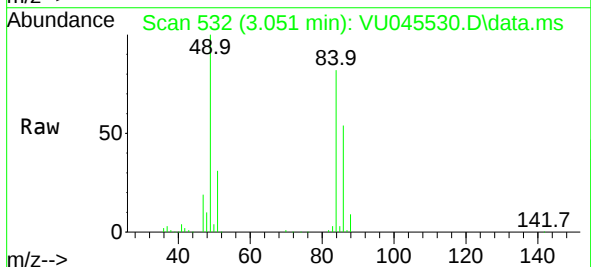
Ion Ratio Lower Upper

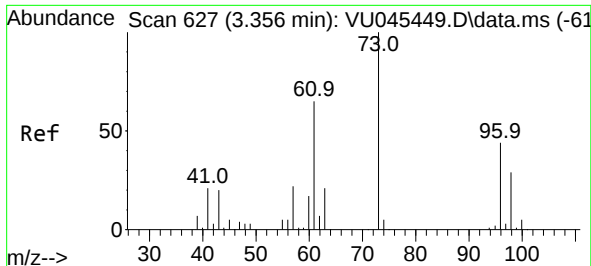
84 100

49 121.4 96.4 144.6

51 37.8 30.5 45.7

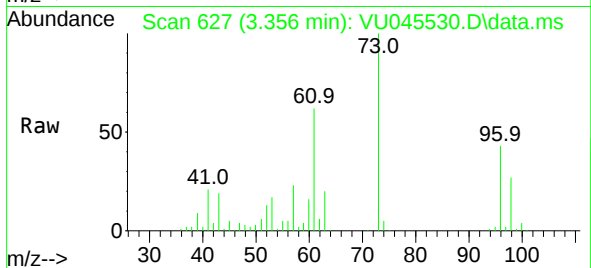
86 65.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 55.458 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

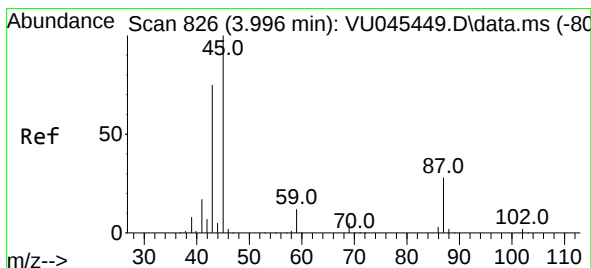
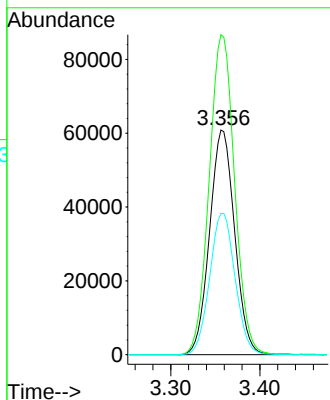
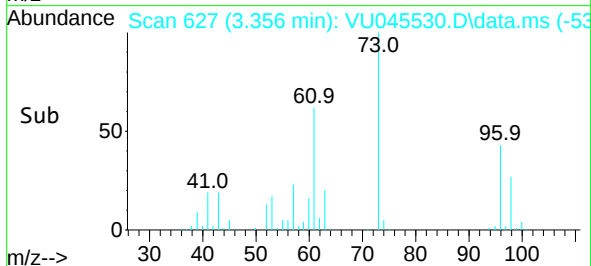
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



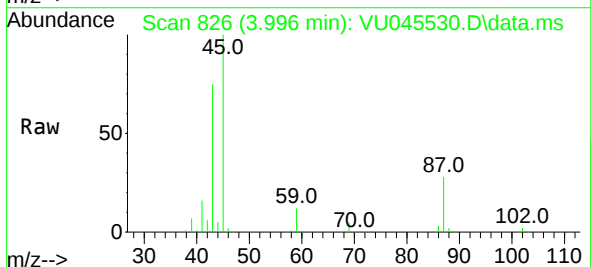
Tgt Ion: 96 Resp: 118910
Ion Ratio Lower Upper
96 100
61 142.5 118.2 177.4
98 62.9 52.1 78.1

Manual Integrations
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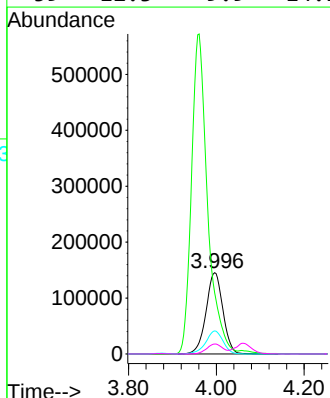
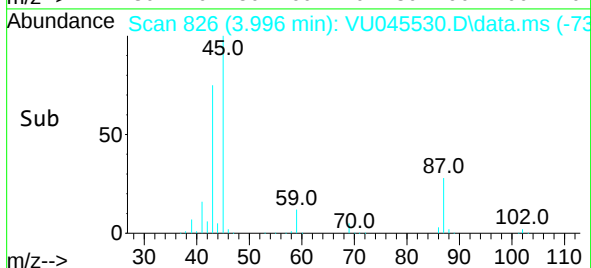
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

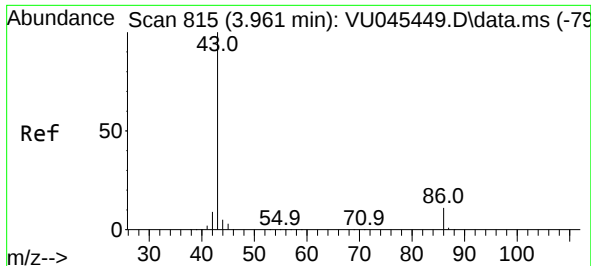


#22
Diisopropyl ether
Concen: 54.182 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



Tgt Ion: 45 Resp: 387135
Ion Ratio Lower Upper
45 100
43 74.7 60.0 90.0
87 28.3 22.3 33.5
59 12.3 9.9 14.9





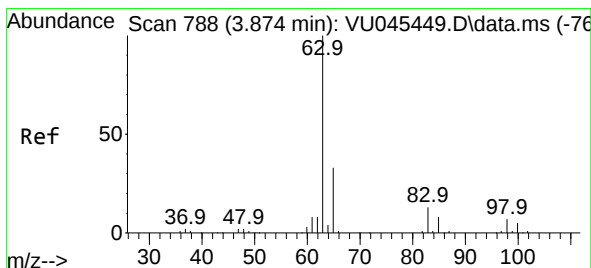
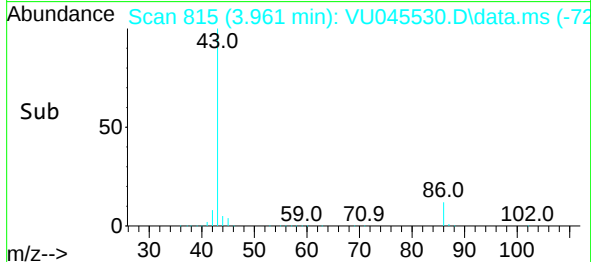
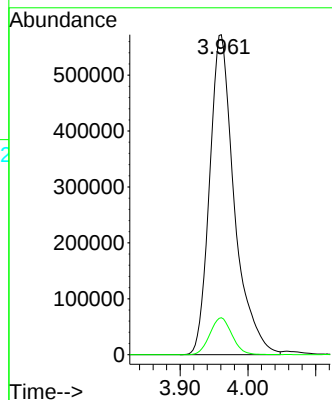
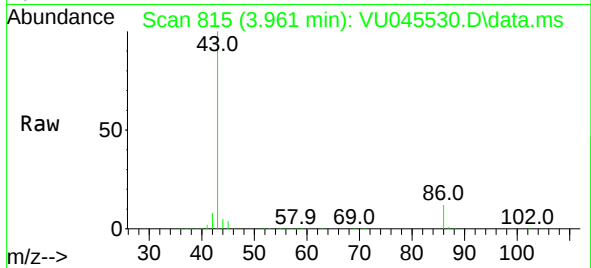
#23
 Vinyl Acetate
 Concen: 262.045 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VU045530.D
 Acq: 03 Nov 2021 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1452344
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.9 13.3

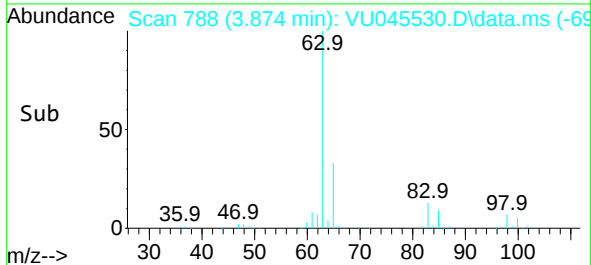
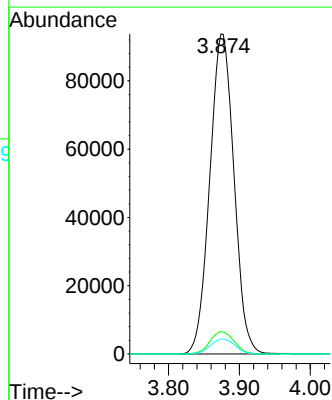
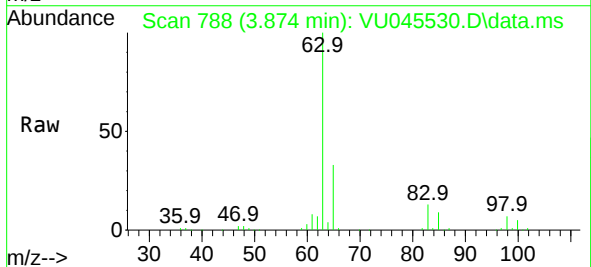
Manual Integrations
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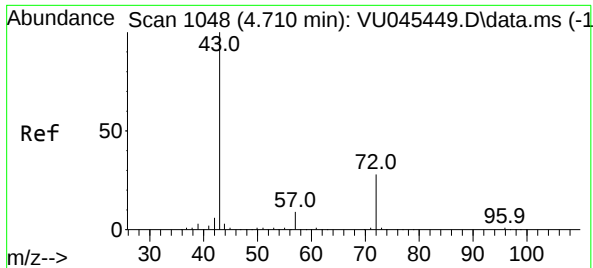
Reviewed By :John Carlone 11/05/2021
 Supervised By :Mahesh Dadoda 11/05/2021



#24
 1,1-Dichloroethane
 Concen: 52.979 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045530.D
 Acq: 03 Nov 2021 19:01

Tgt Ion: 63 Resp: 221820
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 265.211 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 51538

Ion Ratio Lower Upper

43 100

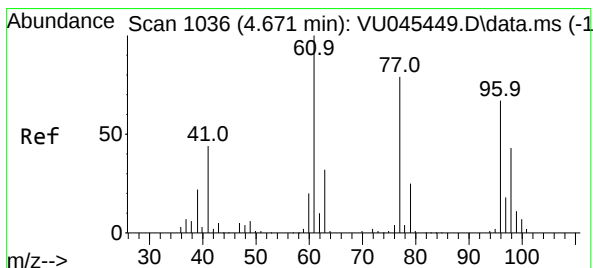
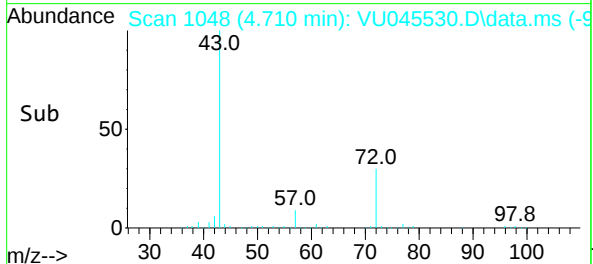
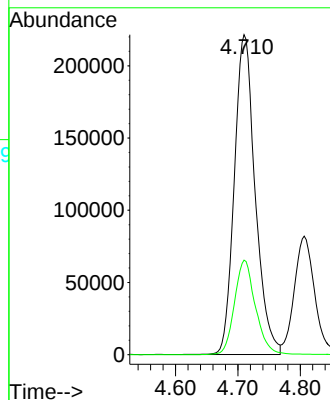
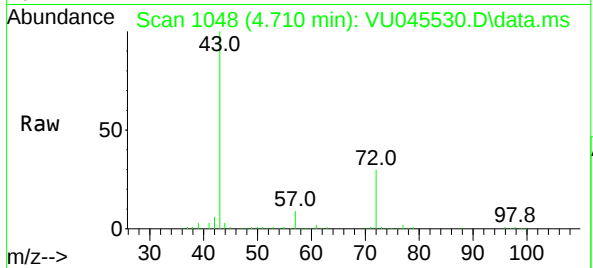
72 29.6 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#26

2,2-Dichloropropane

Concen: 51.367 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045530.D

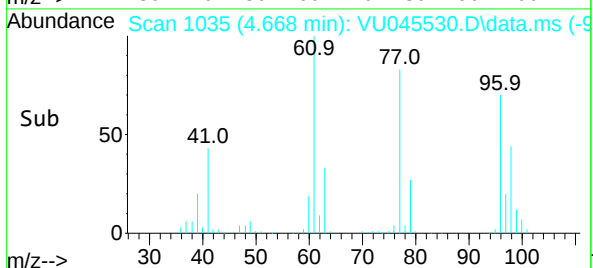
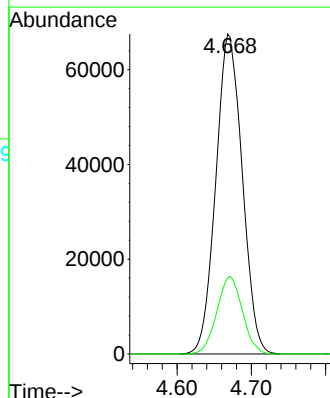
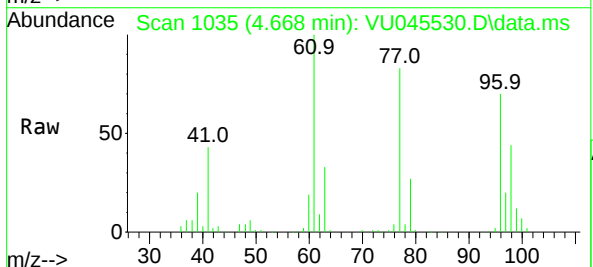
Acq: 03 Nov 2021 19:01

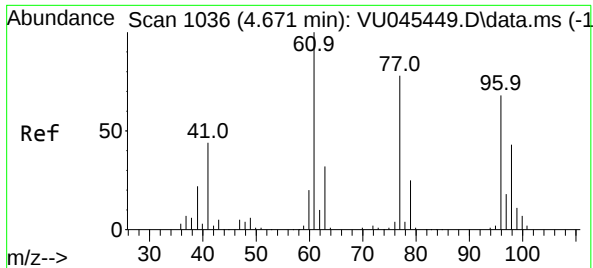
Tgt Ion: 77 Resp: 166618

Ion Ratio Lower Upper

77 100

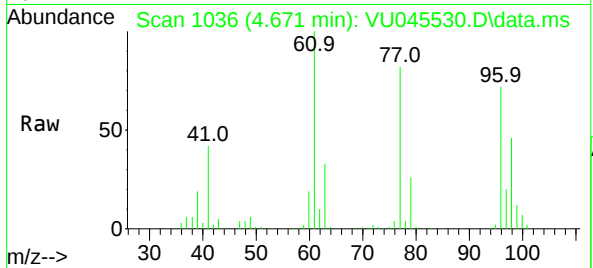
97 23.5 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 52.514 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045530.D
 Acq: 03 Nov 2021 19:01

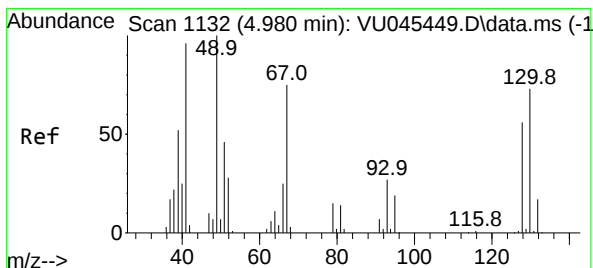
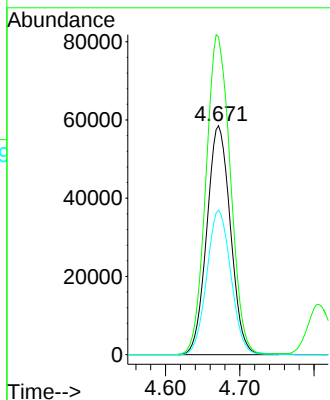
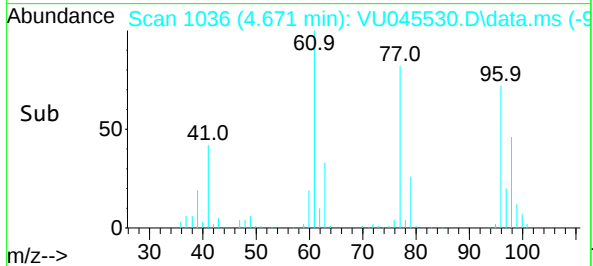
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



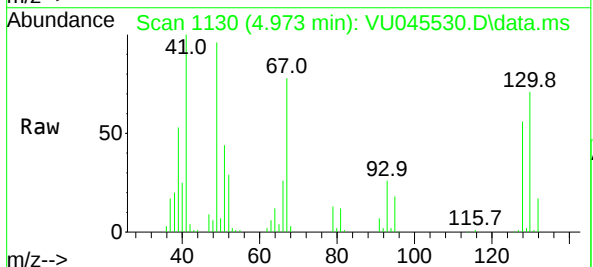
Tgt Ion: 96 Resp: 129570
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 299.2
 98 64.3 0.0 127.6

Manual Integrations
 APPROVED

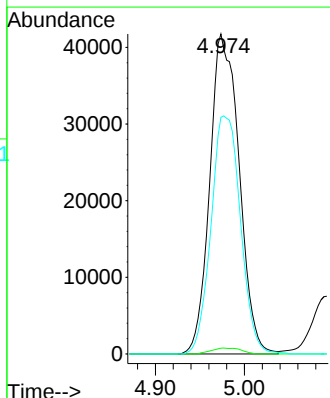
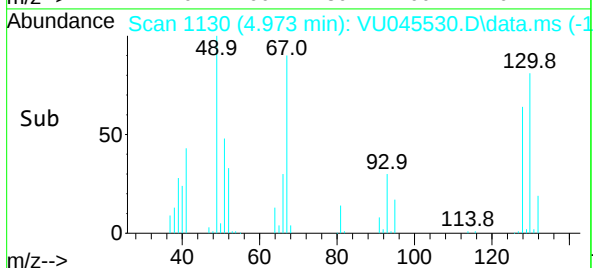
Reviewed By :John Carlone 11/05/2021
 Supervised By :Mahesh Dadoda 11/05/2021

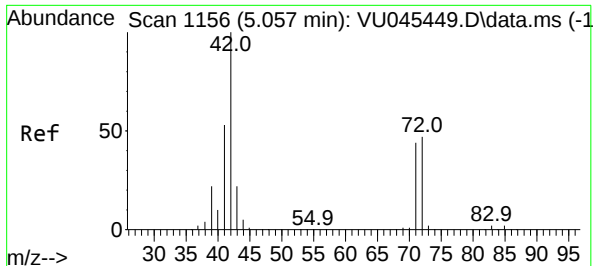


#28
 Bromochloromethane
 Concen: 46.200 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VU045530.D
 Acq: 03 Nov 2021 19:01



Tgt Ion: 49 Resp: 95414
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 74.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 256.482 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 32323

Ion Ratio Lower Upper

42 100

72 49.0 38.2 57.4

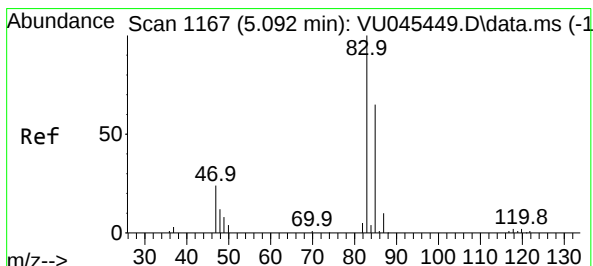
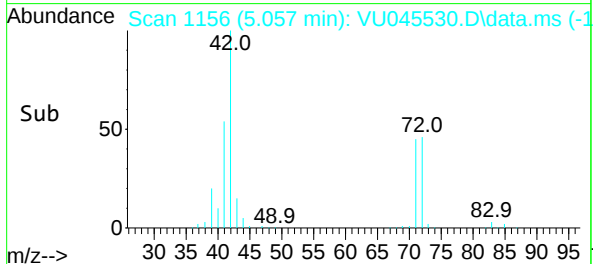
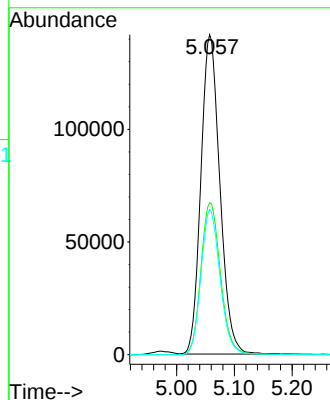
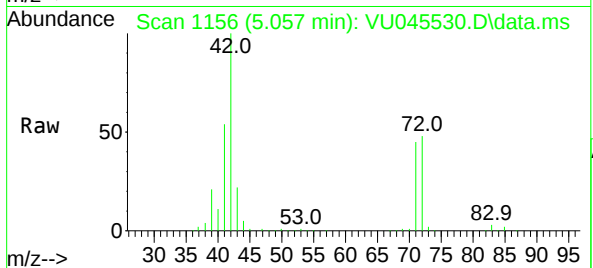
71 45.8 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#30

Chloroform

Concen: 52.718 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045530.D

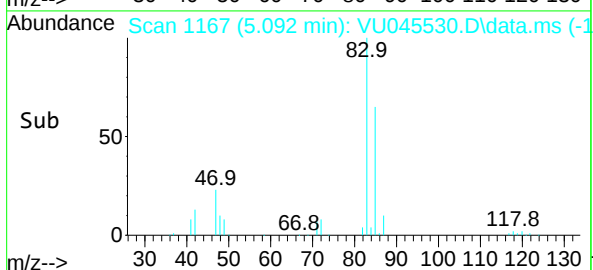
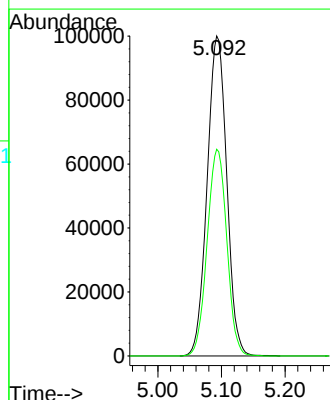
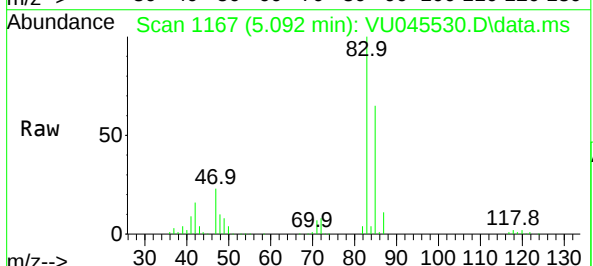
Acq: 03 Nov 2021 19:01

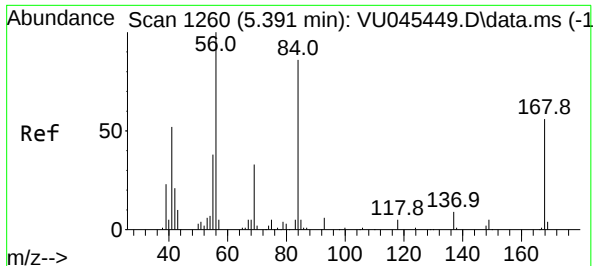
Tgt Ion: 83 Resp: 214022

Ion Ratio Lower Upper

83 100

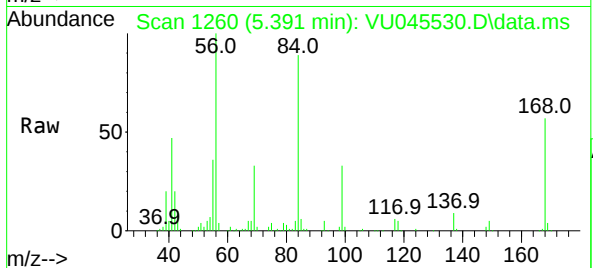
85 64.6 52.0 78.0





#31
Cyclohexane
Concen: 48.055 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

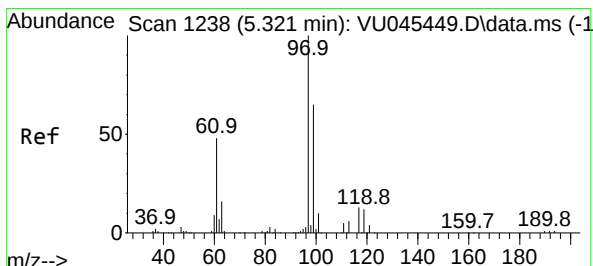
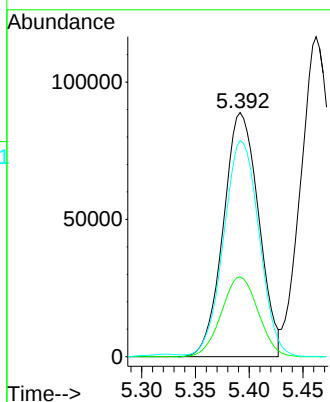
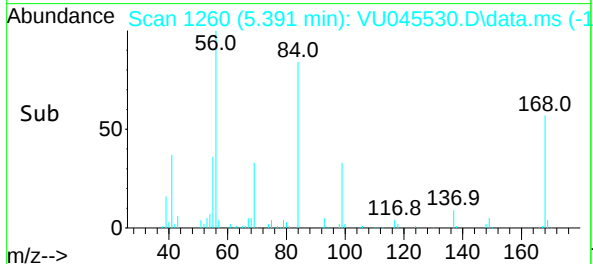
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



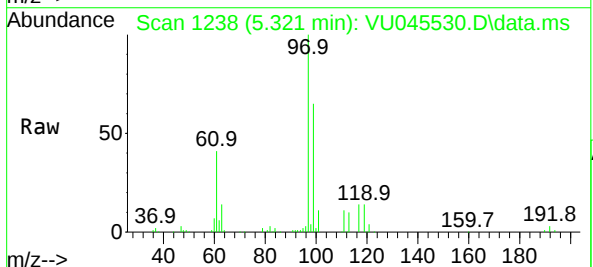
Tgt Ion: 56 Resp: 20286
Ion Ratio Lower Upper
56 100
69 32.7 26.4 39.6
84 87.7 68.4 102.6

Manual Integrations
APPROVED

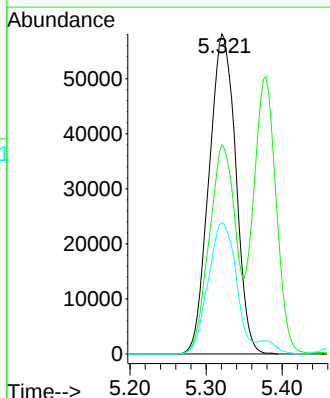
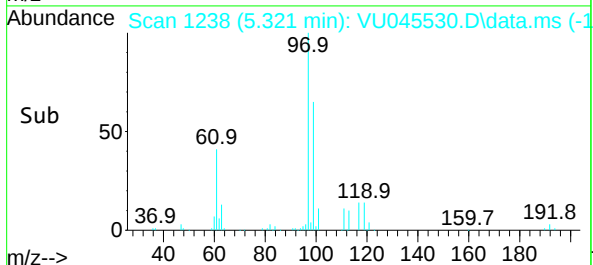
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

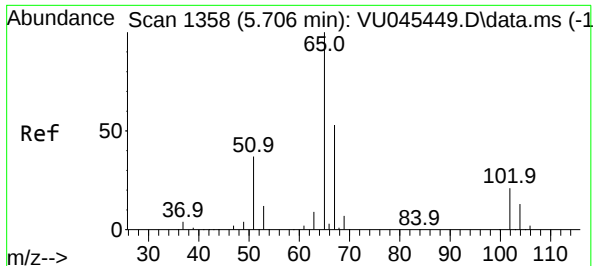


#32
1,1,1-Trichloroethane
Concen: 42.626 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



Tgt Ion: 97 Resp: 142022
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 43.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 47.644 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 13509

Ion Ratio Lower Upper

65 100

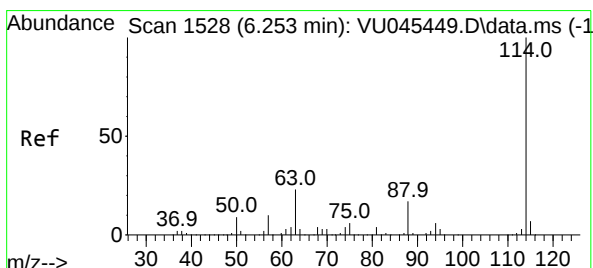
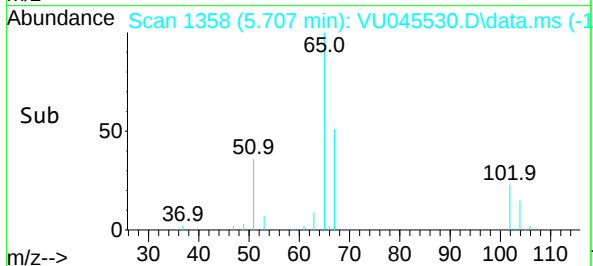
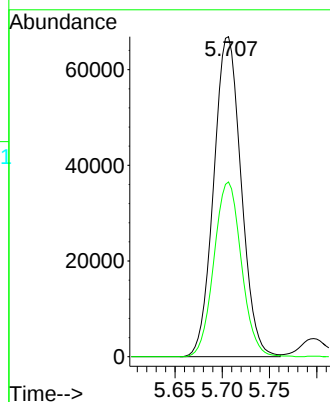
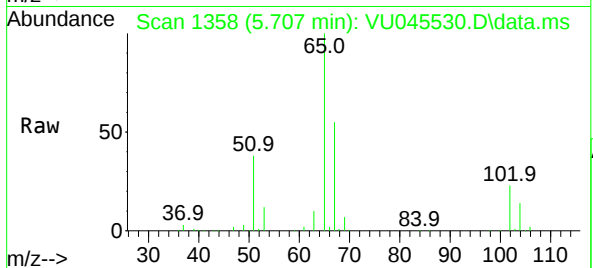
67 54.5 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

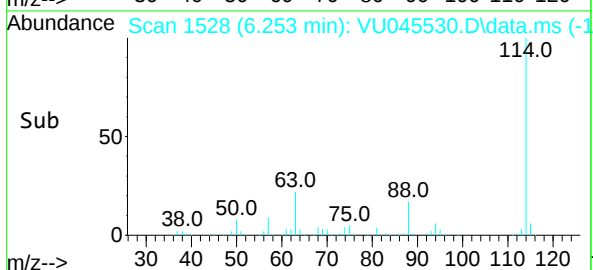
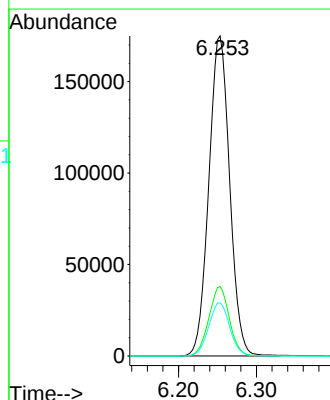
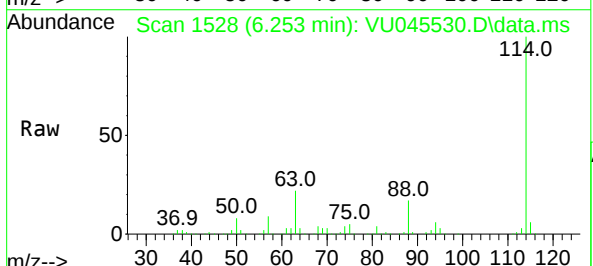
Tgt Ion:114 Resp: 325000

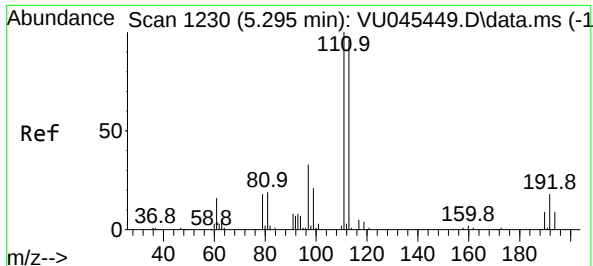
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.6

88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.973 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 97070

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

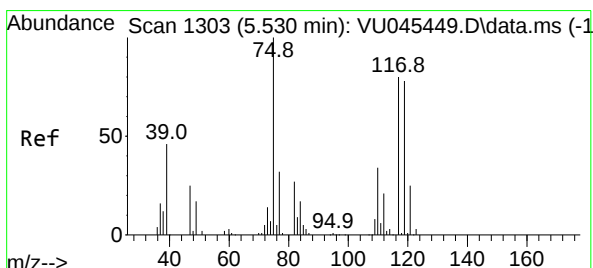
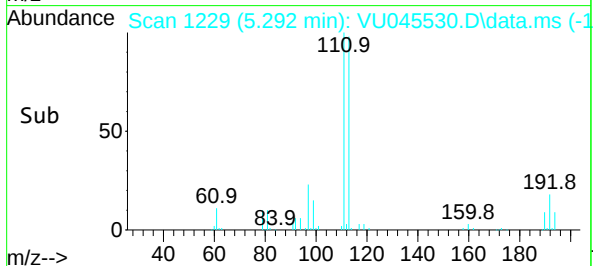
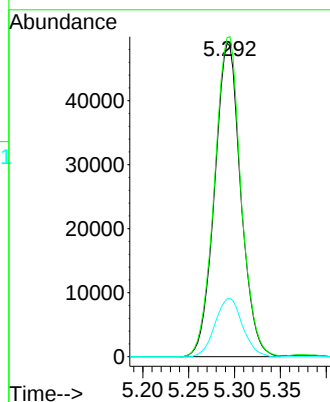
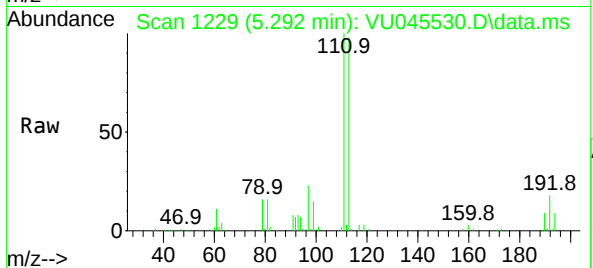
192 19.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#36

1,1-Dichloropropene

Concen: 50.391 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

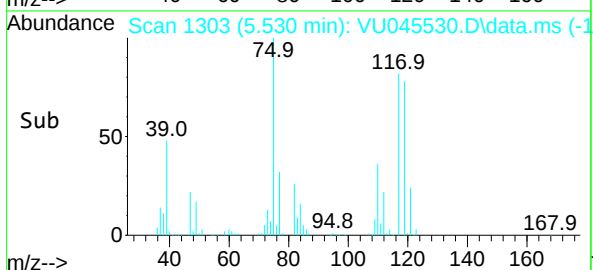
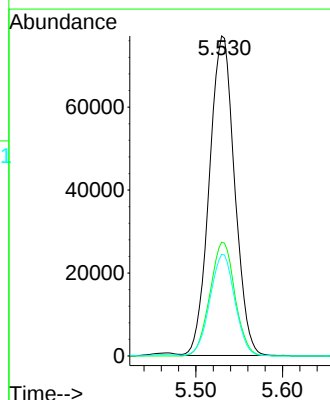
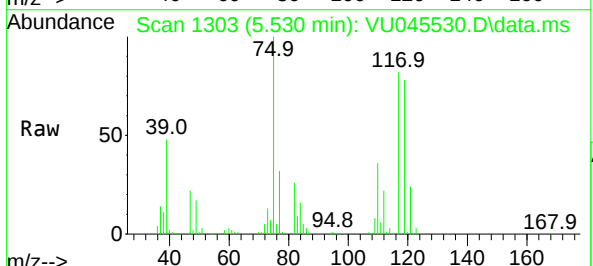
Tgt Ion: 75 Resp: 155896

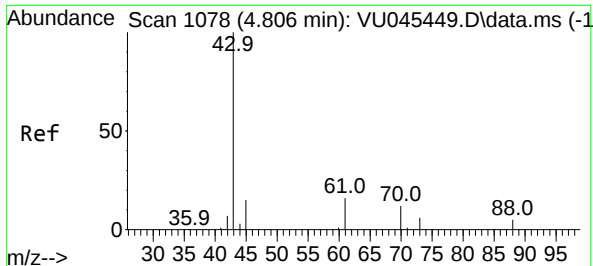
Ion Ratio Lower Upper

75 100

110 35.2 16.7 50.0

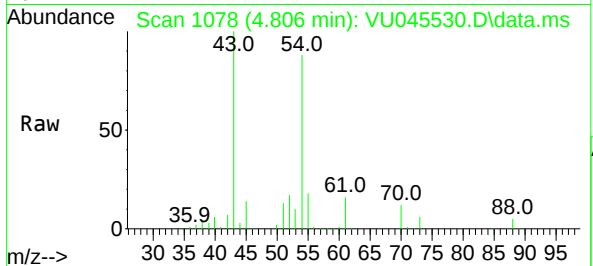
77 31.5 25.0 37.4





#37
Ethyl Acetate
Concen: 49.770 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

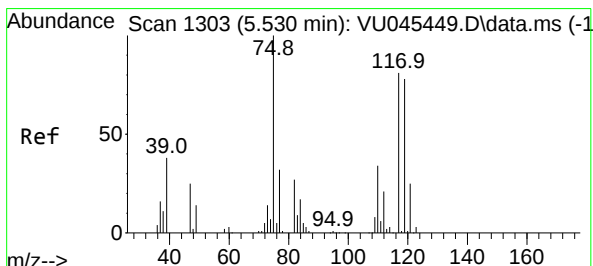
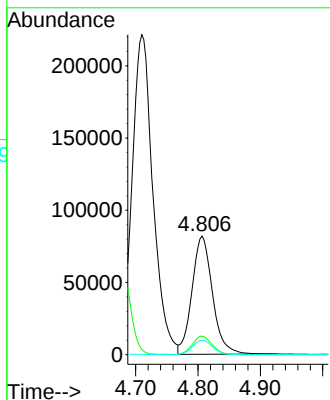
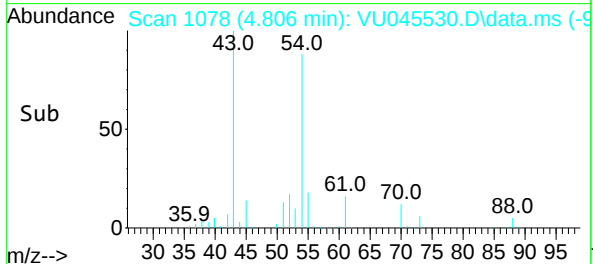
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 18647
Ion Ratio Lower Upper
43 100
61 15.3 11.6 17.4
70 12.0 9.1 13.7

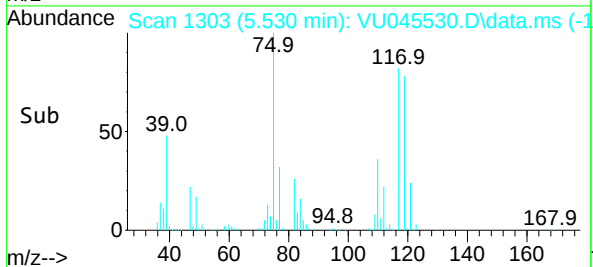
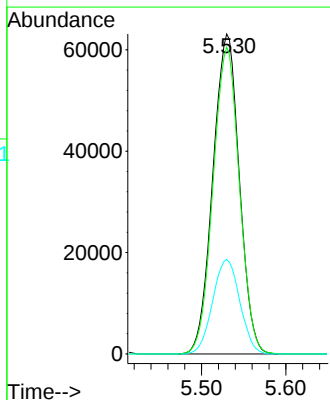
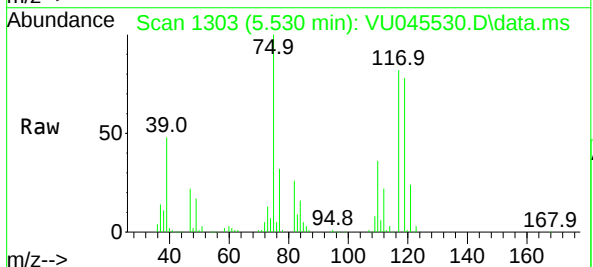
Manual Integrations
APPROVED

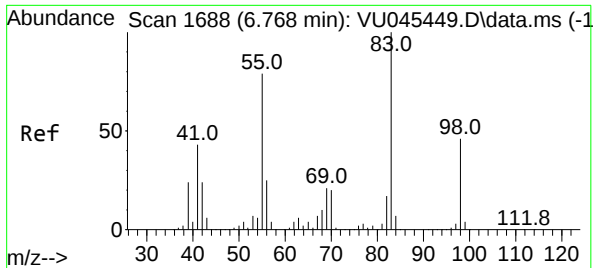
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#38
Carbon Tetrachloride
Concen: 50.897 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Tgt Ion:117 Resp: 137329
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
121 29.5 24.8 37.2





#39

Methylcyclohexane

Concen: 37.526 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 144369

Ion Ratio Lower Upper

83 100

55 69.6 63.6 95.4

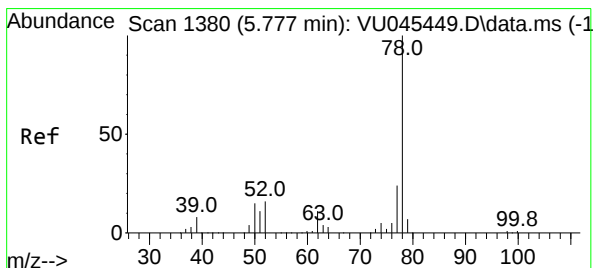
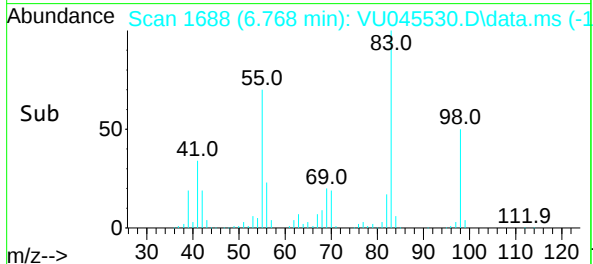
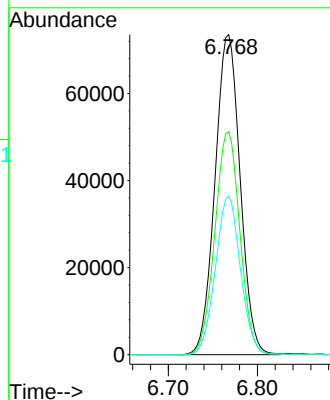
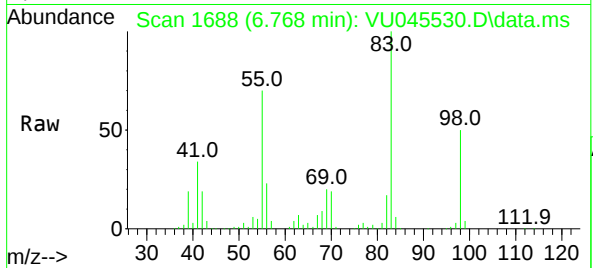
98 49.5 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#40

Benzene

Concen: 54.192 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045530.D

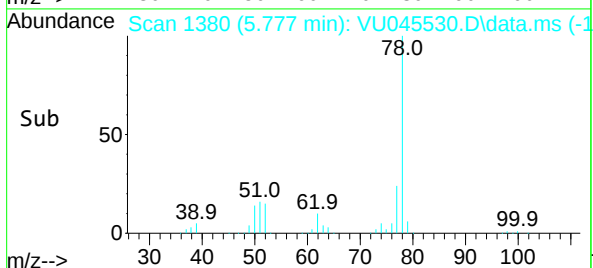
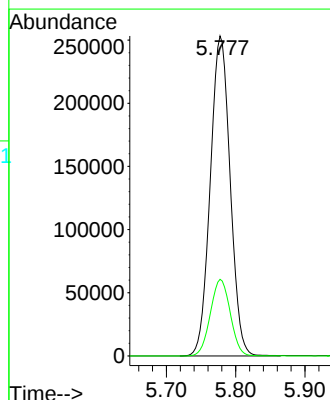
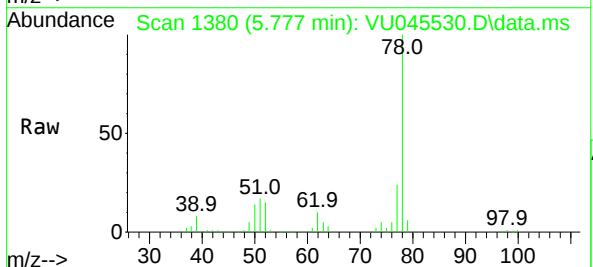
Acq: 03 Nov 2021 19:01

Tgt Ion: 78 Resp: 504676

Ion Ratio Lower Upper

78 100

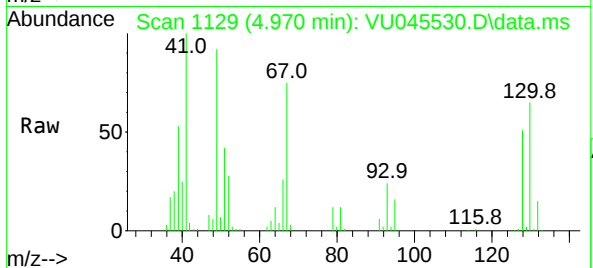
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 49.457 ug/l
RT: 4.970 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

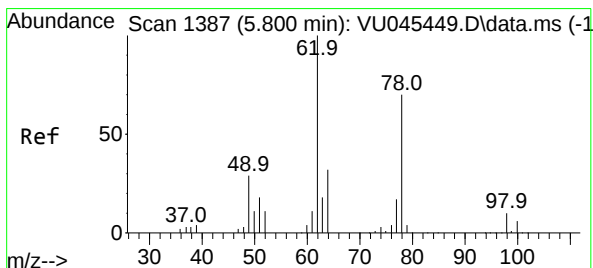
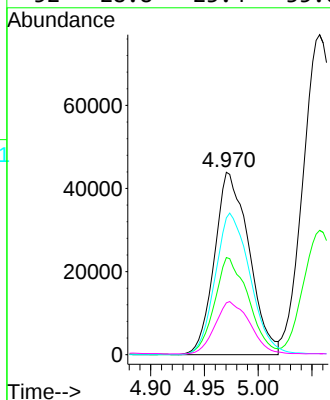
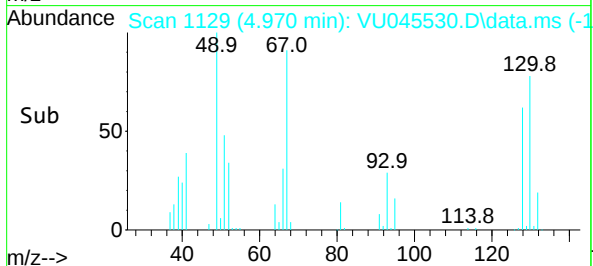
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



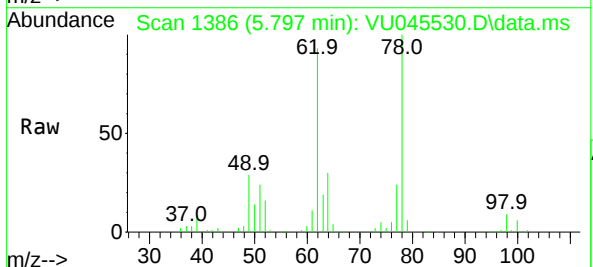
Tgt Ion: 41 Resp: 9806
Ion Ratio Lower Upper
41 100
39 52.5 43.4 65.0
67 79.2 61.0 91.4
52 28.8 23.4 35.0

Manual Integrations
APPROVED

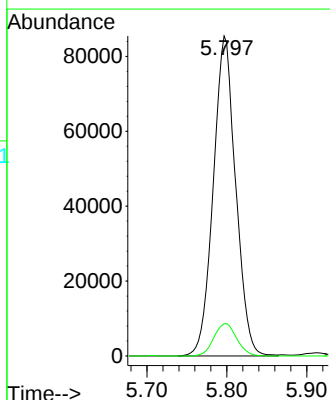
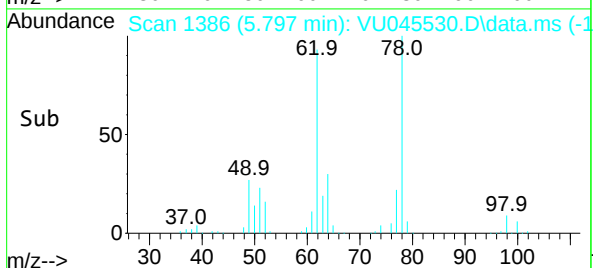
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#42
1,2-Dichloroethane
Concen: 48.557 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



Tgt Ion: 62 Resp: 166081
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.4





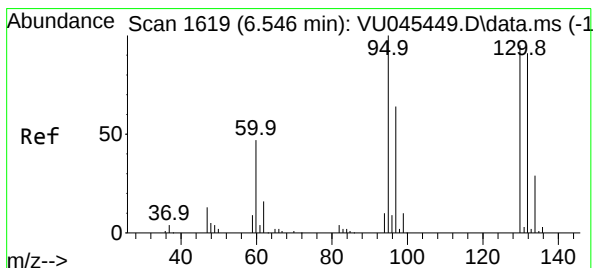
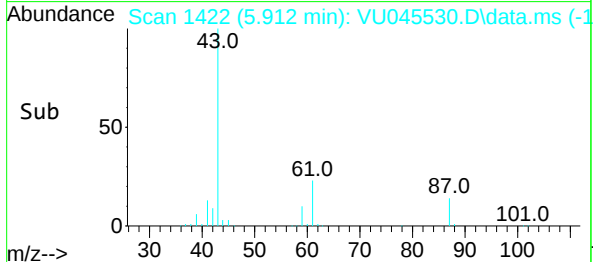
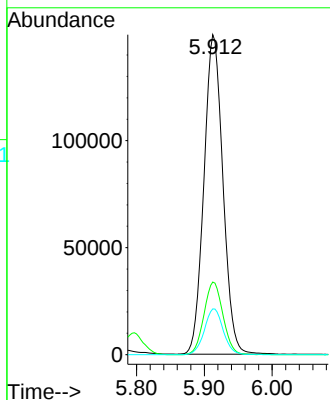
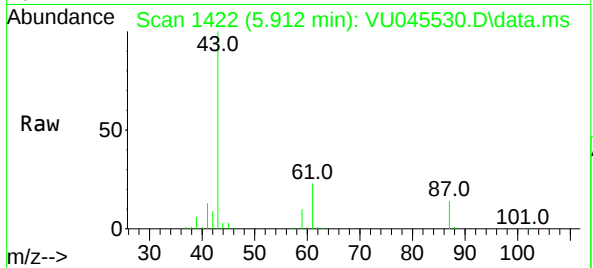
#43
Isopropyl Acetate
Concen: 51.507 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 290830
Ion Ratio Lower Upper
43 100
61 22.7 16.9 25.3
87 14.2 11.0 16.4

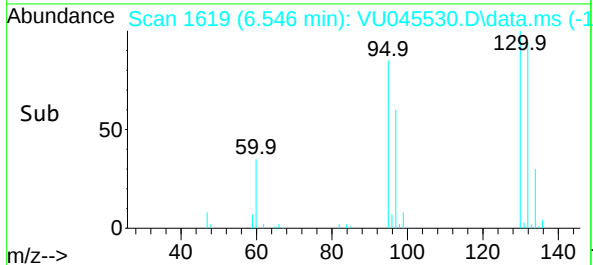
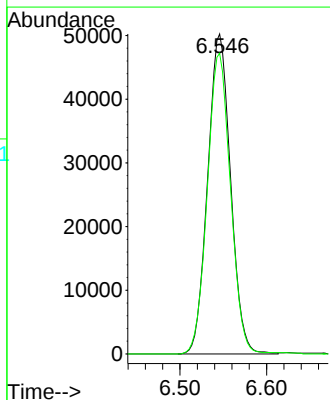
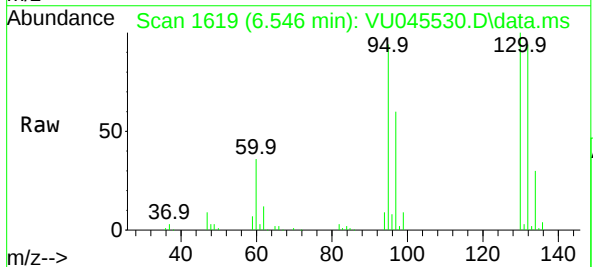
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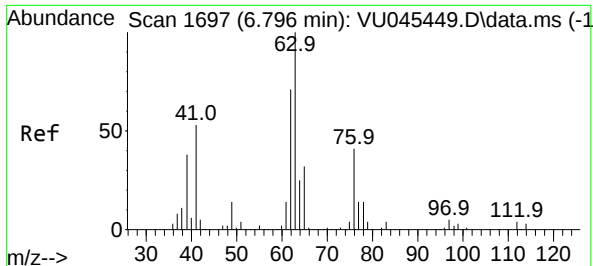
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#44
Trichloroethene
Concen: 42.756 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Tgt Ion:130 Resp: 92288
Ion Ratio Lower Upper
130 100
95 93.9 0.0 211.4





#45

1,2-Dichloropropane

Concen: 34.258 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8396

Ion Ratio Lower Upper

63 100

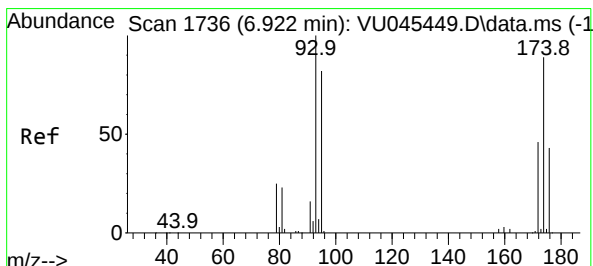
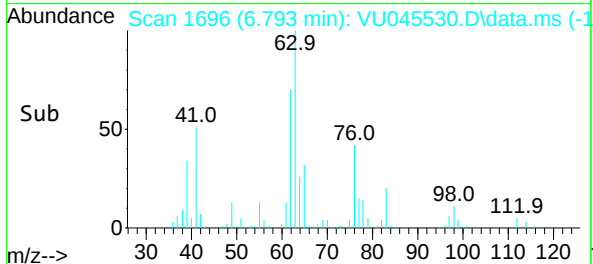
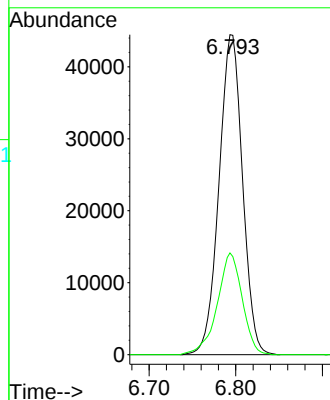
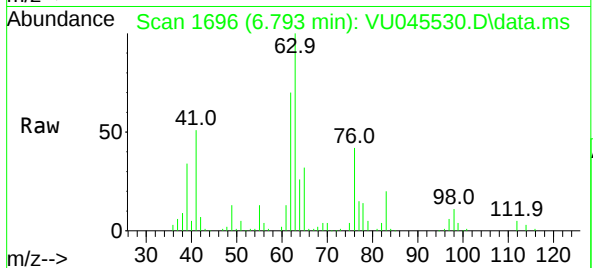
65 31.8 25.7 38.5

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Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#46

Dibromomethane

Concen: 37.984 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

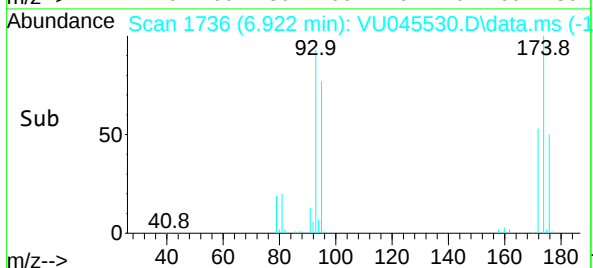
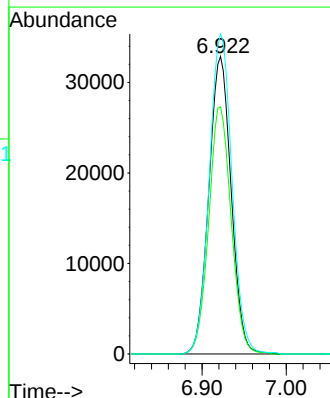
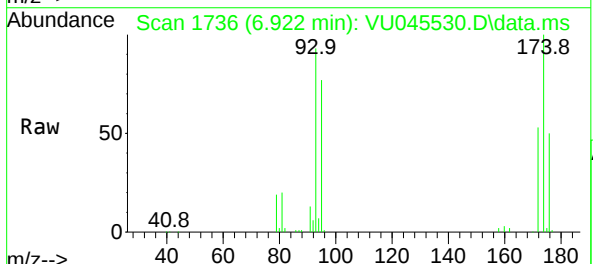
Tgt Ion: 93 Resp: 60616

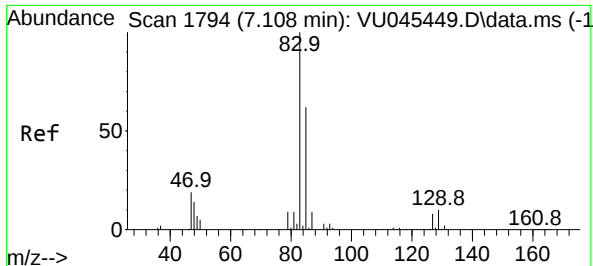
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

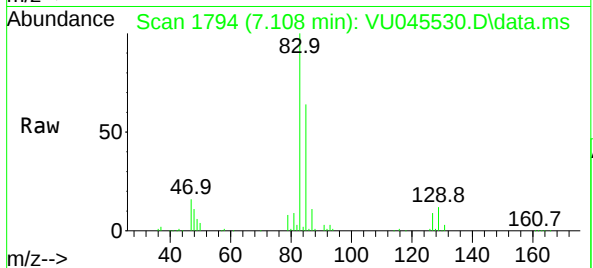
174 109.5 71.0 106.6#





#47
Bromodichloromethane
Concen: 36.556 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

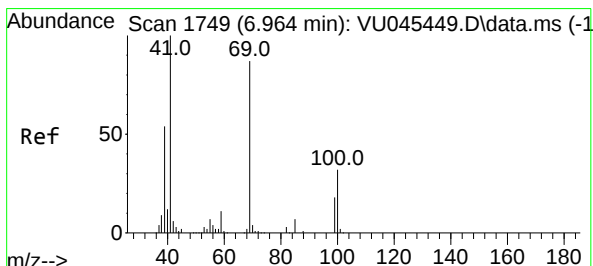
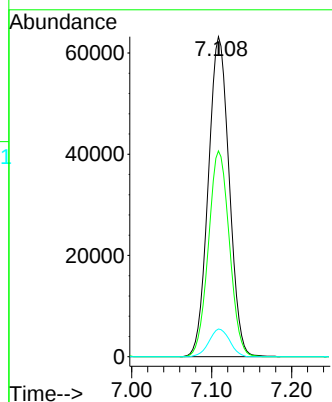
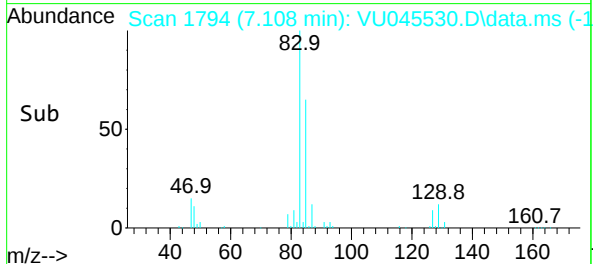
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



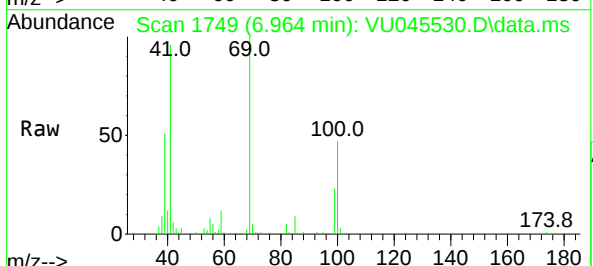
Tgt Ion: 83 Resp: 114808
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 8.7 6.2 9.2

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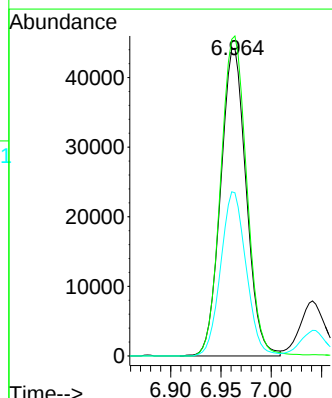
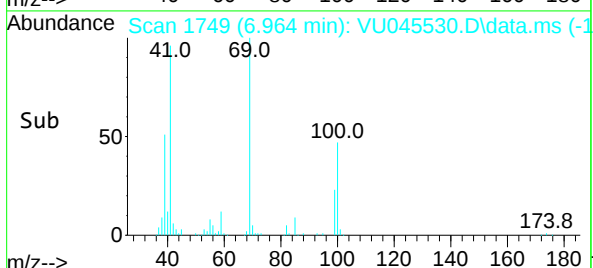
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

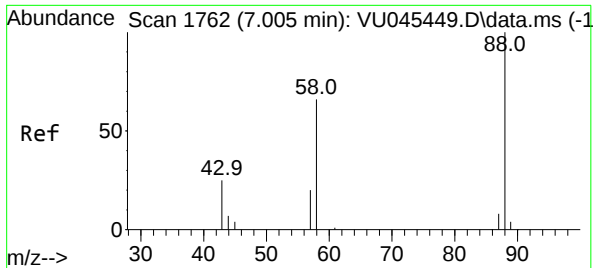


#48
Methyl methacrylate
Concen: 29.222 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



Tgt Ion: 41 Resp: 78209
Ion Ratio Lower Upper
41 100
69 105.7 70.2 105.2#
39 53.0 43.9 65.9





#49

1,4-Dioxane

Concen: 843.960 ug/l

RT: 7.018 min Scan# 11

Delta R.T. 0.013 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

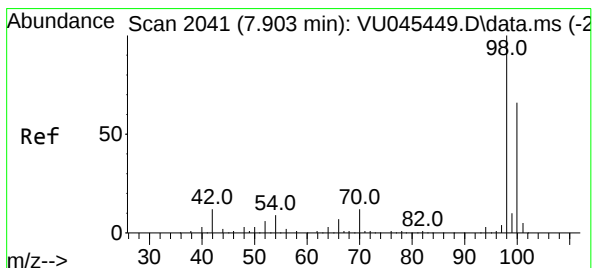
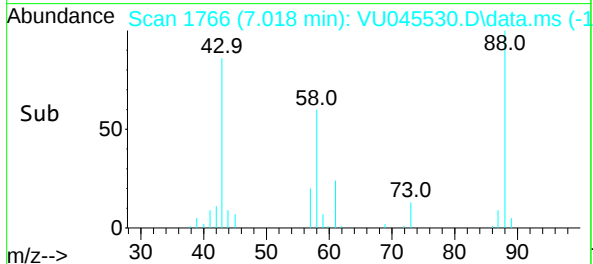
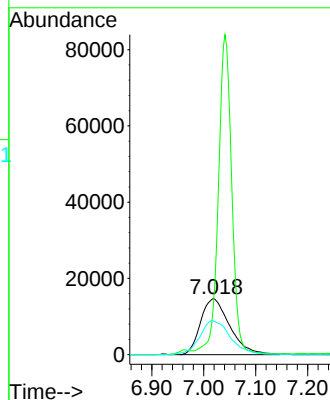
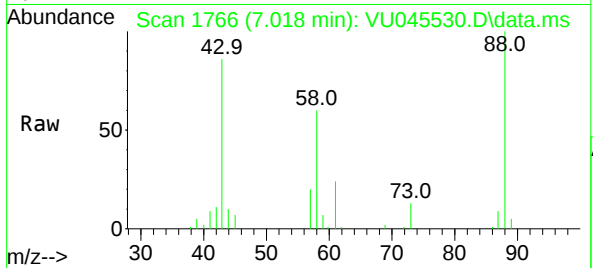
Tgt Ion: 88 Resp: 57404
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 63.8 58.7 88.1

Manual Integrations

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Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#50

Toluene-d8

Concen: 38.833 ug/l

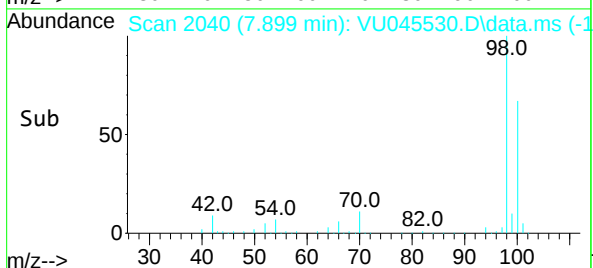
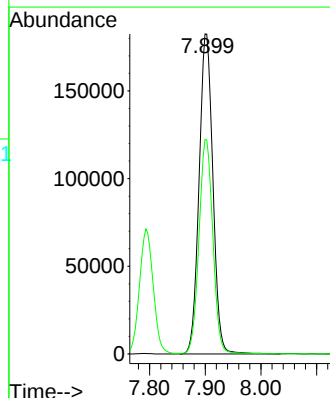
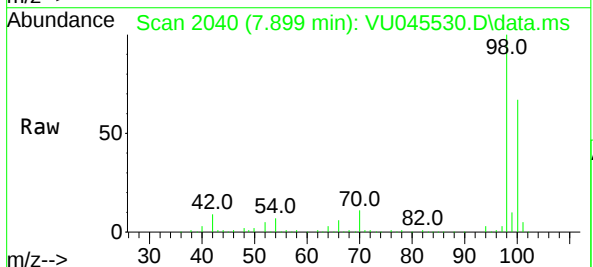
RT: 7.899 min Scan# 2040

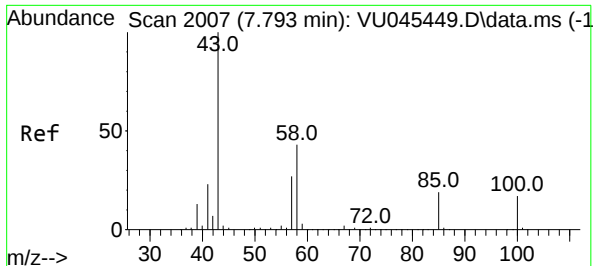
Delta R.T. -0.003 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Tgt Ion: 98 Resp: 314683
 Ion Ratio Lower Upper
 98 100
 100 67.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 153.841 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 561448

Ion Ratio Lower Upper

43 100

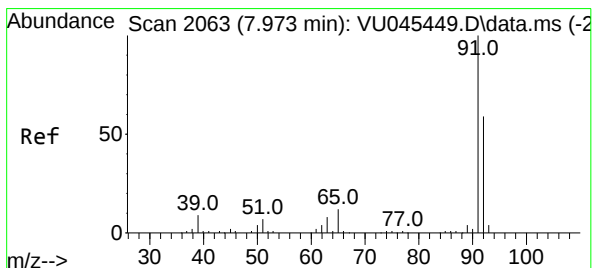
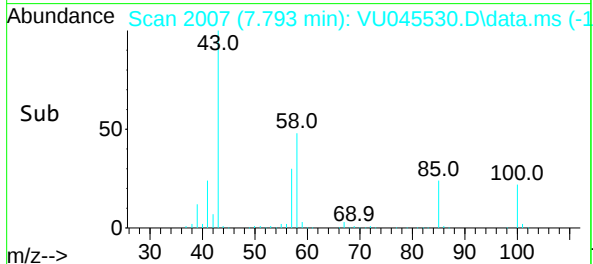
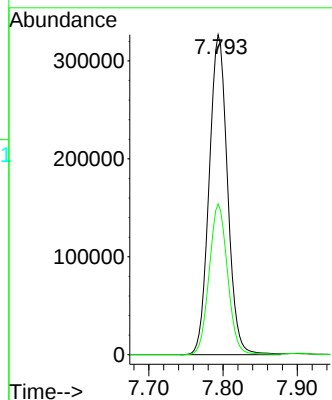
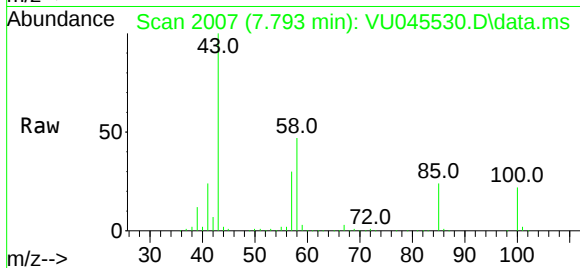
58 47.2 33.8 50.8

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Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#52

Toluene

Concen: 42.552 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU045530.D

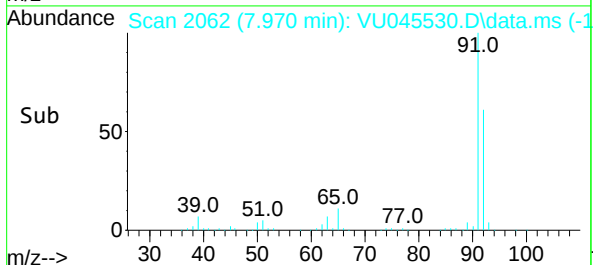
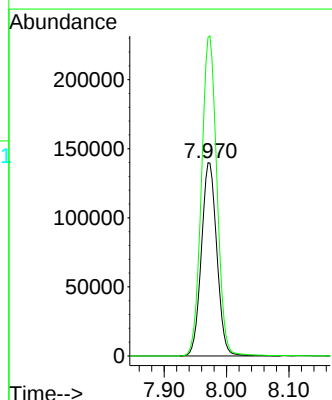
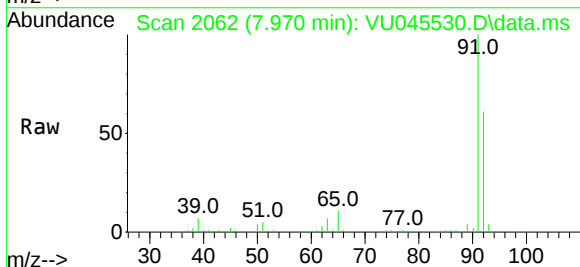
Acq: 03 Nov 2021 19:01

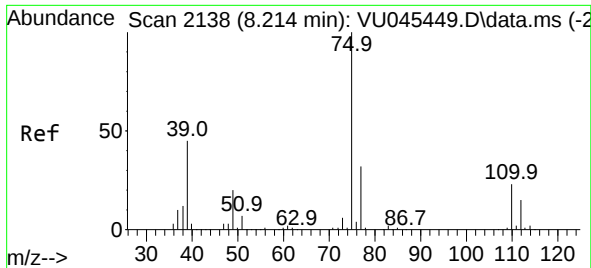
Tgt Ion: 92 Resp: 240896

Ion Ratio Lower Upper

92 100

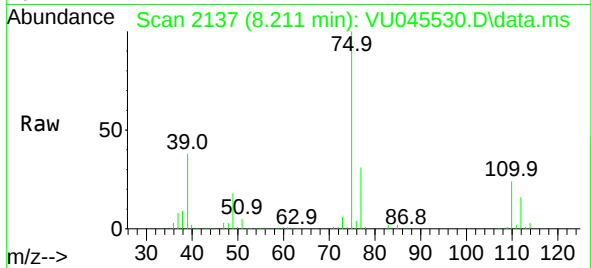
91 165.9 135.6 203.4





#53
t-1,3-Dichloropropene
Concen: 47.015 ug/l
RT: 8.211 min Scan# 2138
Delta R.T. -0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

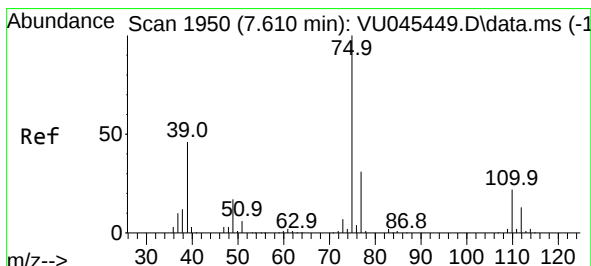
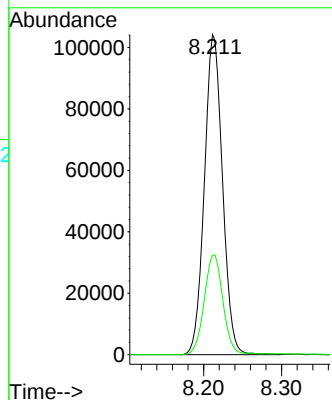
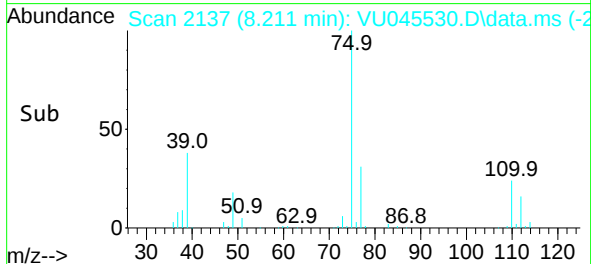
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 168290
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8

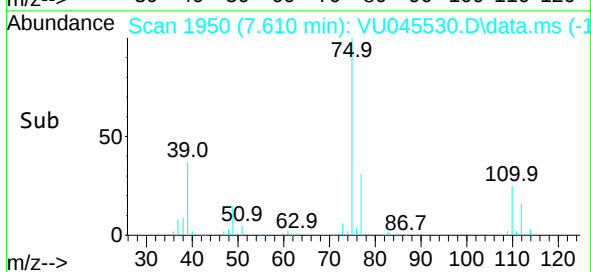
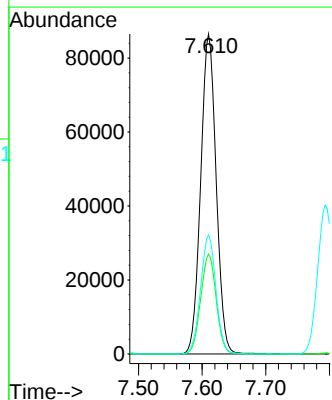
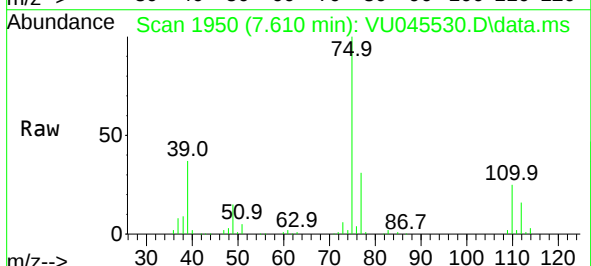
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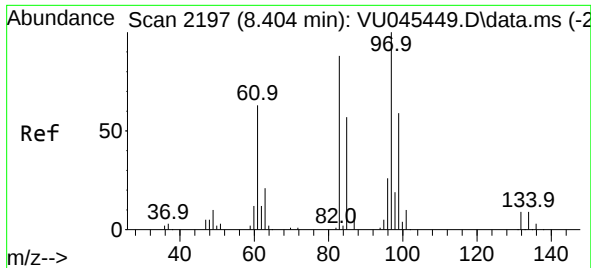
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#54
cis-1,3-Dichloropropene
Concen: 38.118 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

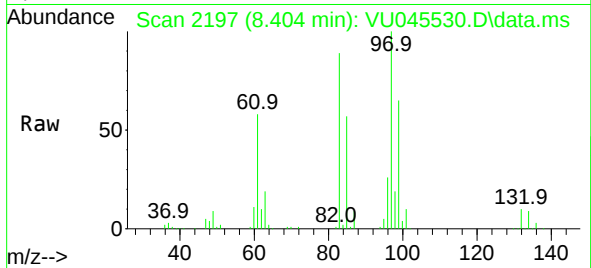
Tgt Ion: 75 Resp: 146128
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0
39 37.2 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 49.702 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

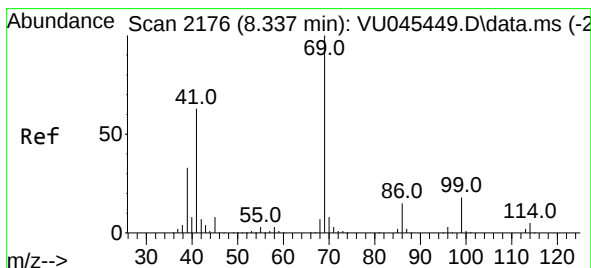
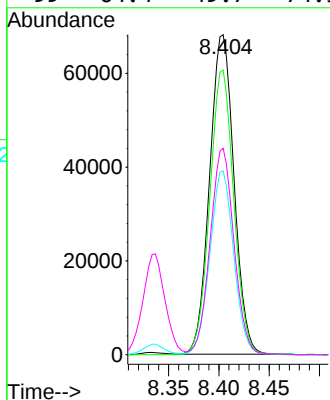
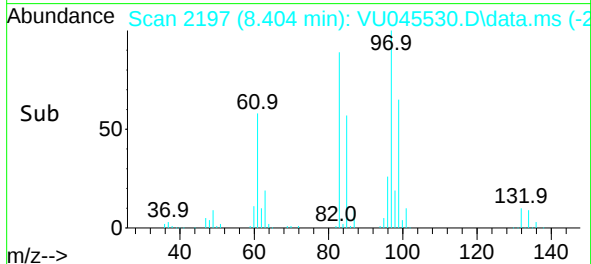
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



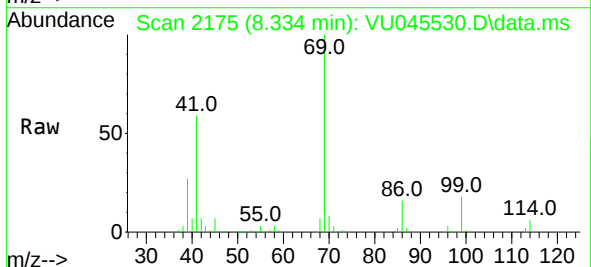
Tgt Ion: 97 Resp: 11493
Ion Ratio Lower Upper
97 100
83 89.1 70.3 105.5
85 57.5 45.5 68.3
99 64.4 49.7 74.5

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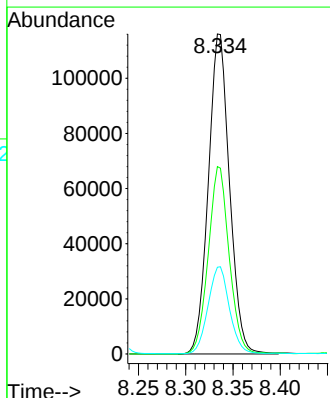
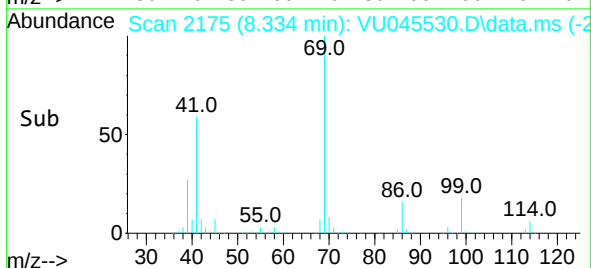
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

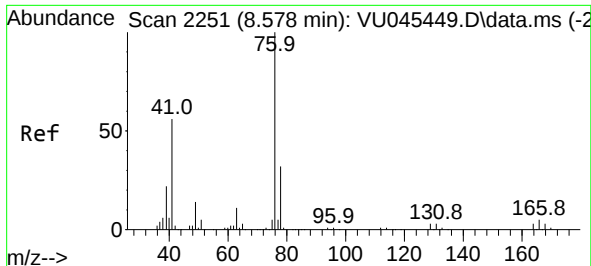


#56
Ethyl methacrylate
Concen: 42.962 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



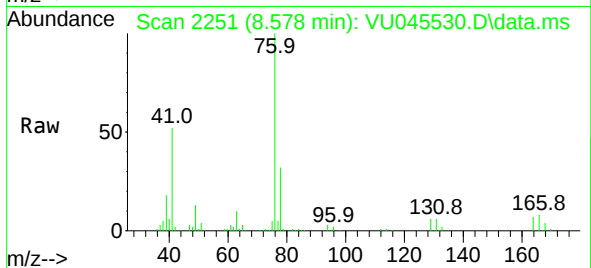
Tgt Ion: 69 Resp: 180776
Ion Ratio Lower Upper
69 100
41 57.9 51.0 76.4
39 27.4 26.6 39.8





#57
1,3-Dichloropropane
Concen: 50.785 ug/l
RT: 8.578 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

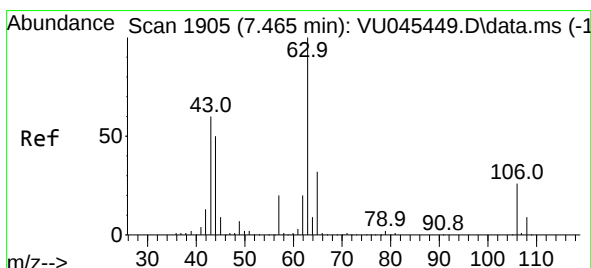
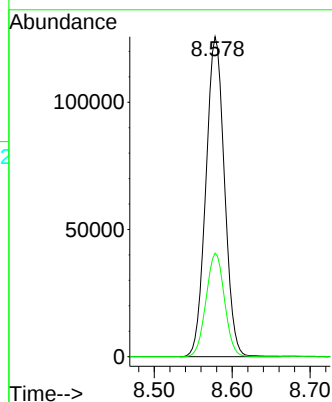
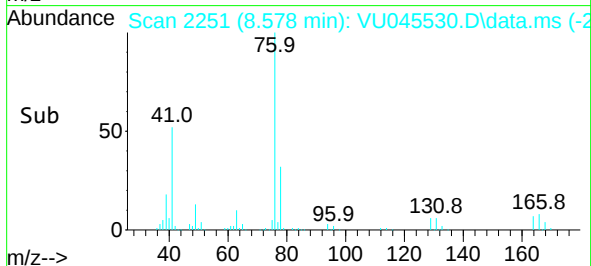
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



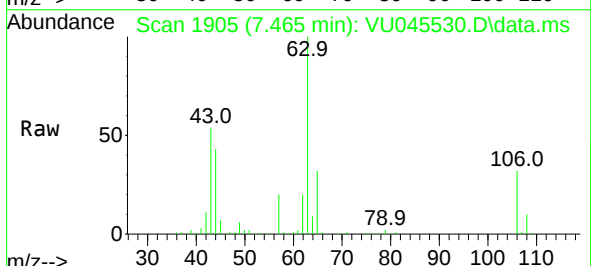
Tgt Ion: 76 Resp: 208459
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

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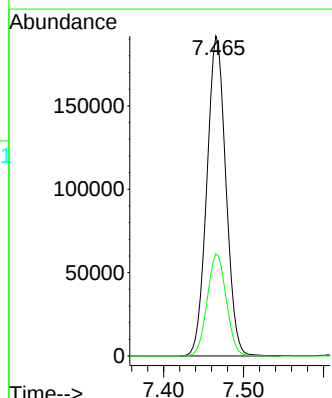
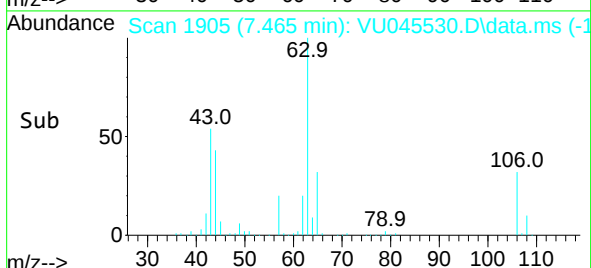
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

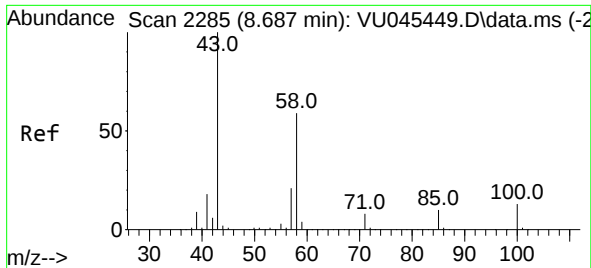


#58
2-Chloroethyl Vinyl ether
Concen: 149.681 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



Tgt Ion: 63 Resp: 317261
Ion Ratio Lower Upper
63 100
106 31.9 21.0 31.4#





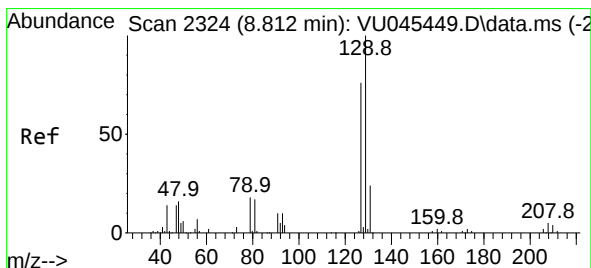
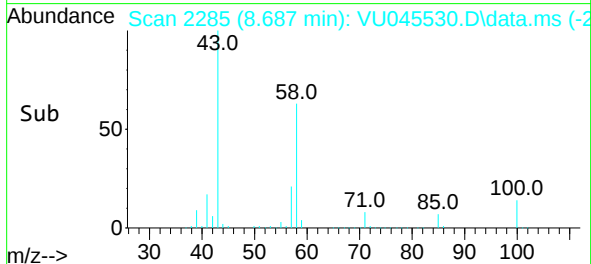
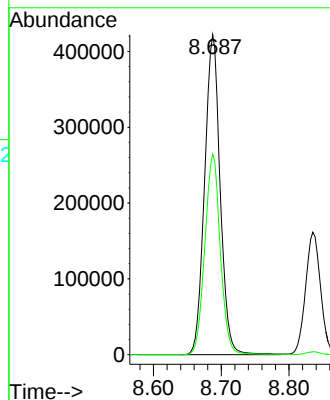
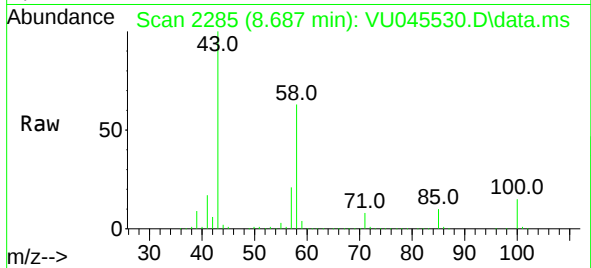
#59
2-Hexanone
Concen: 237.668 ug/l
RT: 8.687 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 67203
Ion Ratio Lower Upper
43 100
58 62.5 29.5 88.6

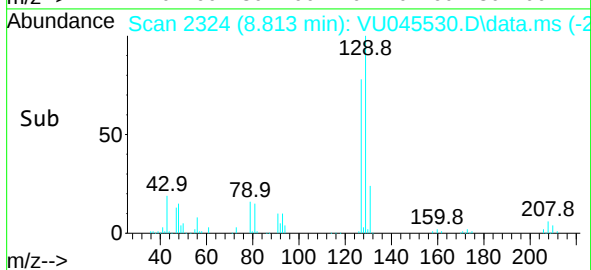
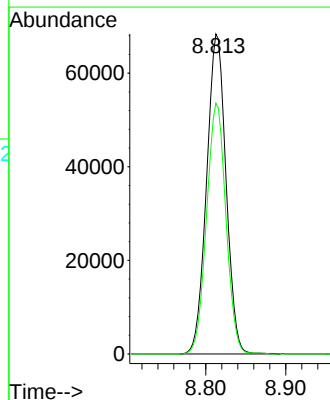
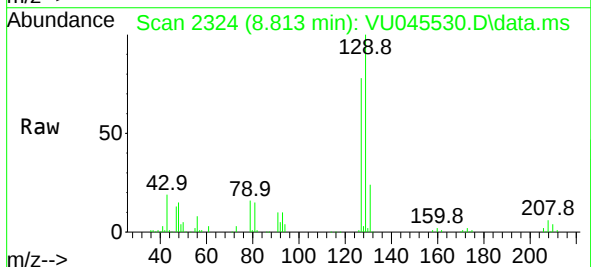
Manual Integrations
APPROVED

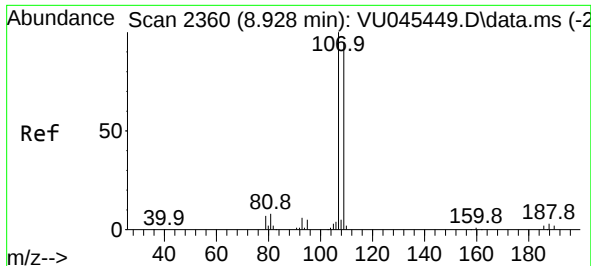
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#60
Dibromochloromethane
Concen: 52.040 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

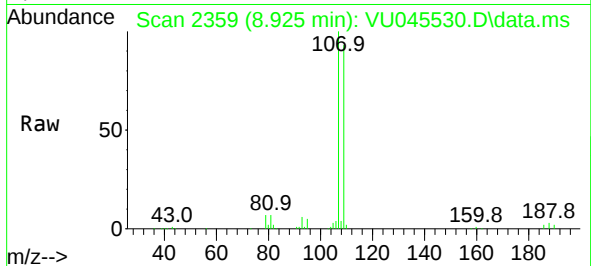
Tgt Ion:129 Resp: 115491
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.3





#61
1,2-Dibromoethane
Concen: 53.930 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

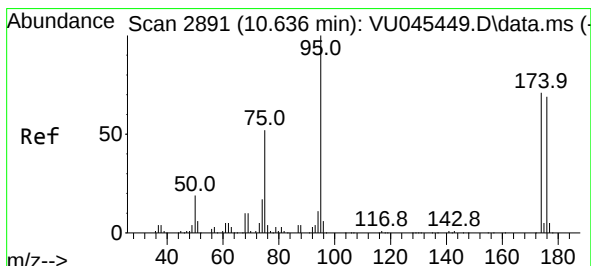
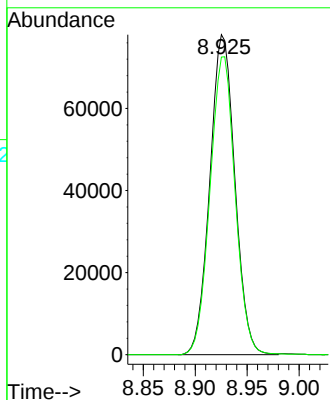
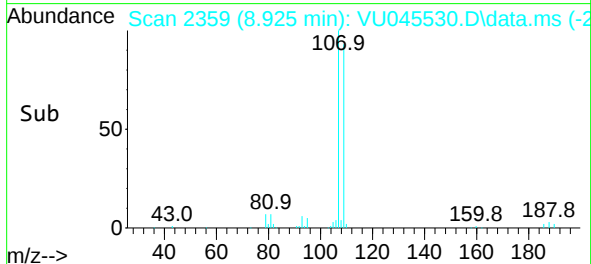
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 130624
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.8

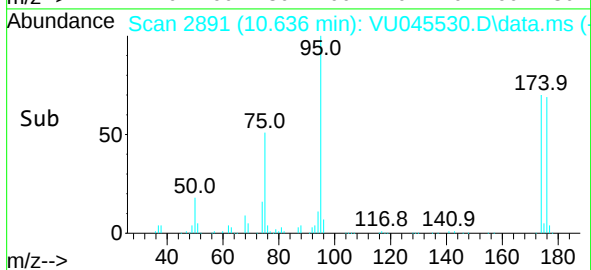
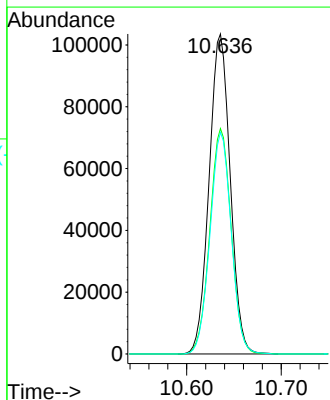
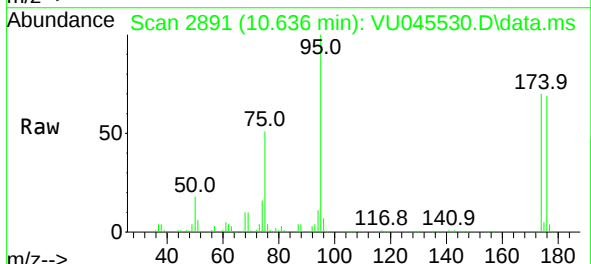
Manual Integrations
APPROVED

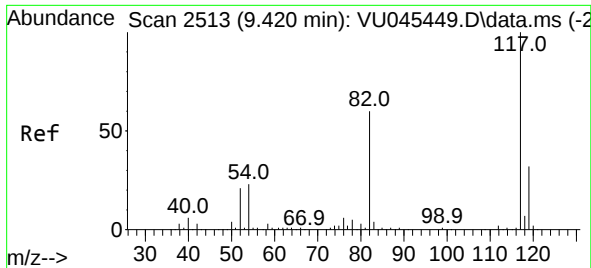
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#62
4-Bromofluorobenzene
Concen: 52.050 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

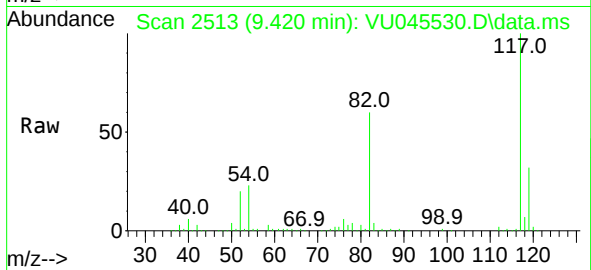
Tgt Ion: 95 Resp: 160727
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.8
176 69.4 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

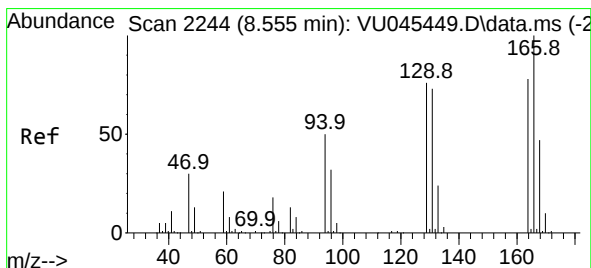
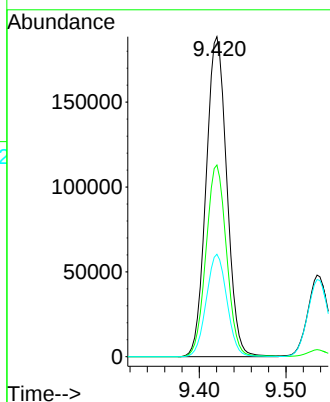
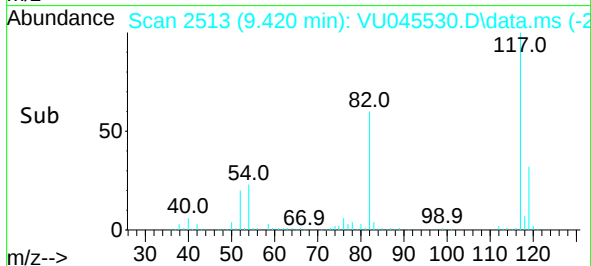
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



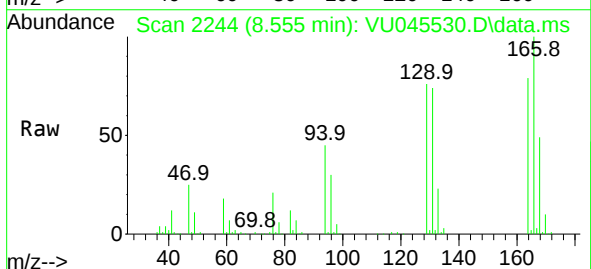
Tgt Ion:117 Resp: 313634
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 32.0 25.8 38.8

Manual Integrations
APPROVED

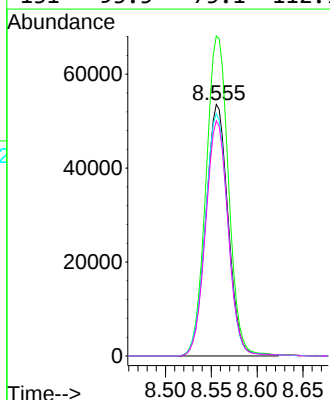
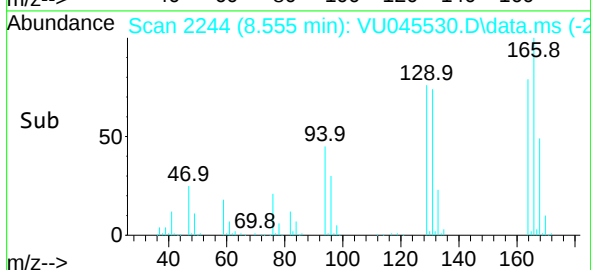
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

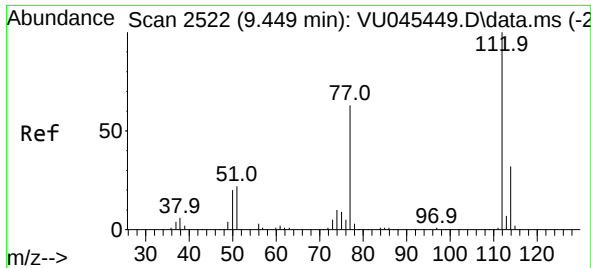


#64
Tetrachloroethene
Concen: 50.649 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



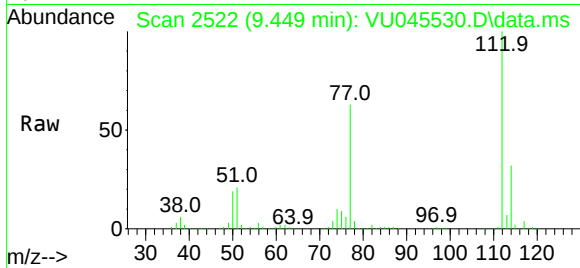
Tgt Ion:164 Resp: 90803
Ion Ratio Lower Upper
164 100
166 127.2 102.2 153.4
129 96.3 78.2 117.4
131 93.5 75.1 112.7





#65
Chlorobenzene
Concen: 53.071 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

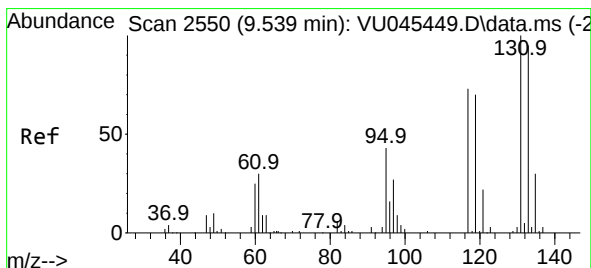
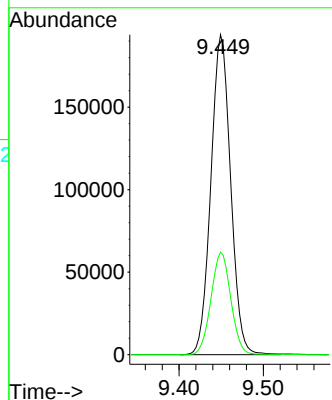
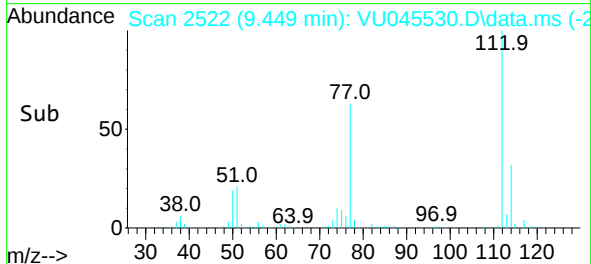
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



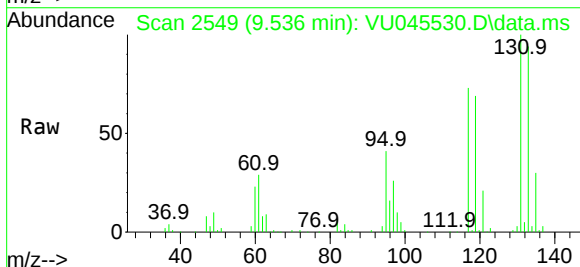
Tgt Ion:112 Resp: 31558
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

Manual Integrations
APPROVED

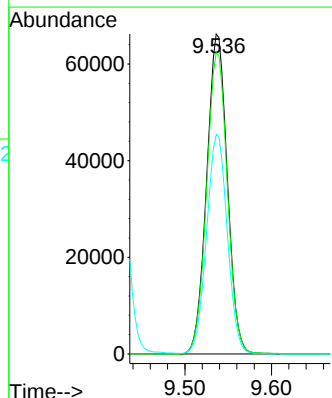
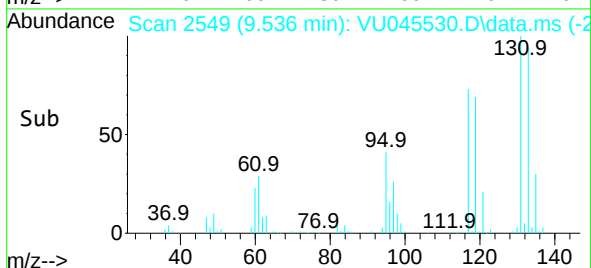
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

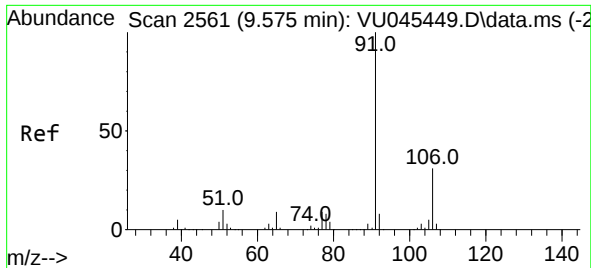


#66
1,1,1,2-Tetrachloroethane
Concen: 54.589 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



Tgt Ion:131 Resp: 109519
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 69.3 34.5 103.6





#67

Ethyl Benzene

Concen: 54.721 ug/l

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 596068

Ion Ratio Lower Upper

91 100

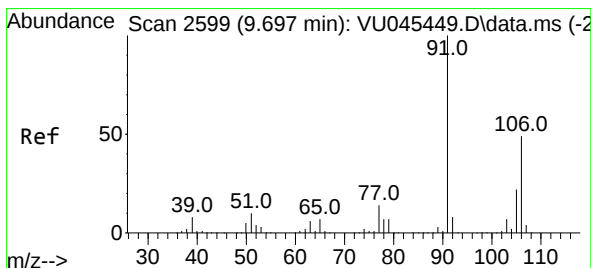
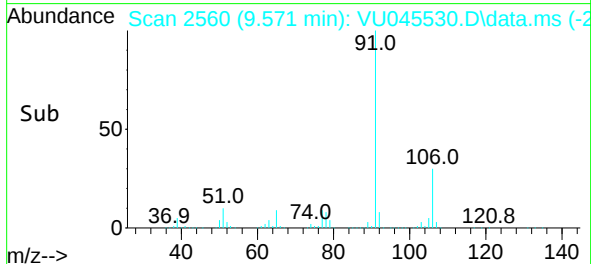
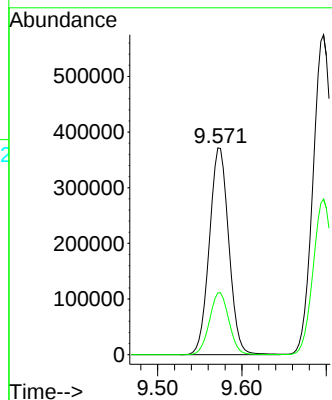
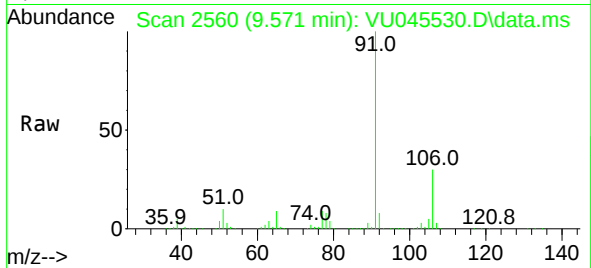
106 29.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#68

m/p-Xylenes

Concen: 111.608 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045530.D

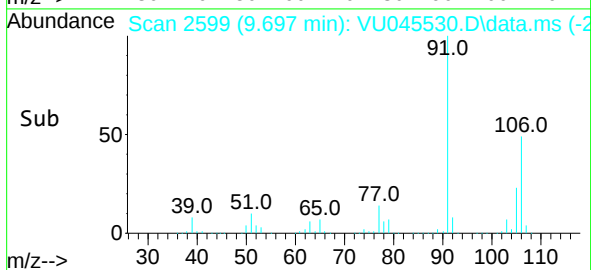
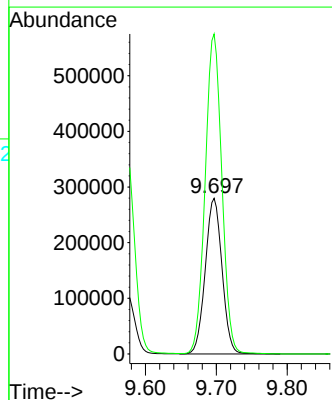
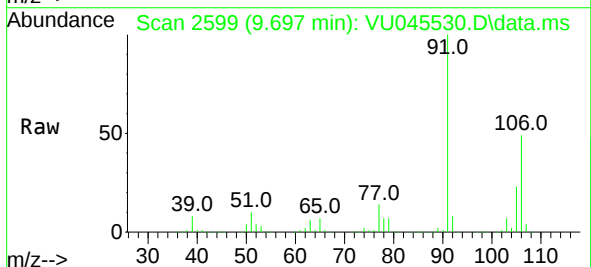
Acq: 03 Nov 2021 19:01

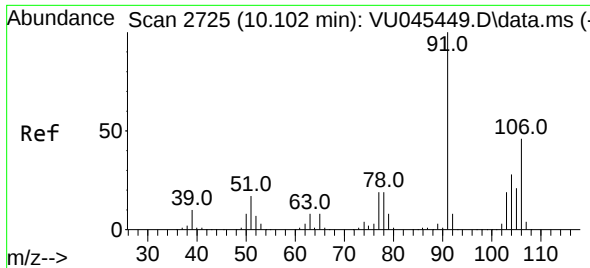
Tgt Ion:106 Resp: 458911

Ion Ratio Lower Upper

106 100

91 205.1 164.7 247.1





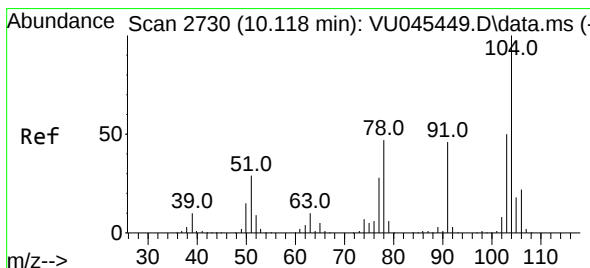
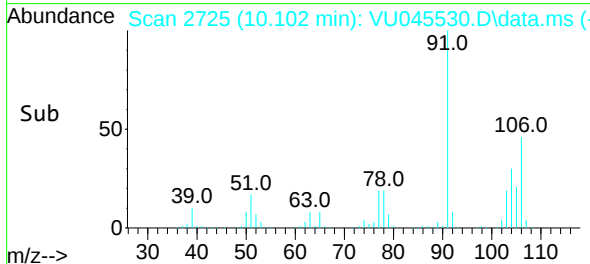
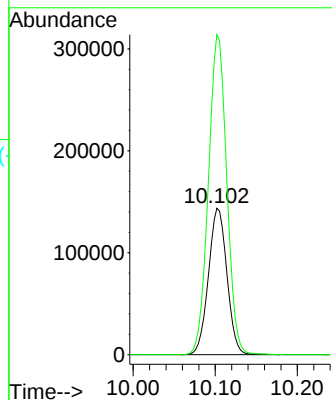
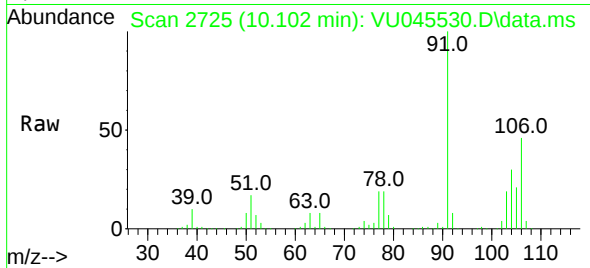
#69
o-Xylene
Concen: 56.081 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 224852
Ion Ratio Lower Upper
106 100
91 216.9 108.7 326.3

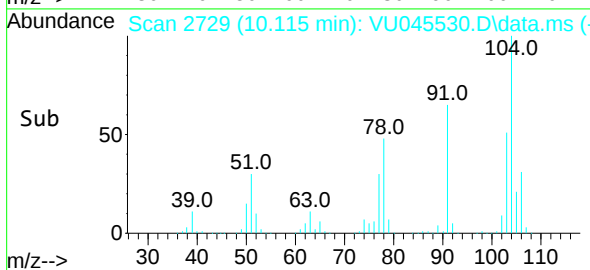
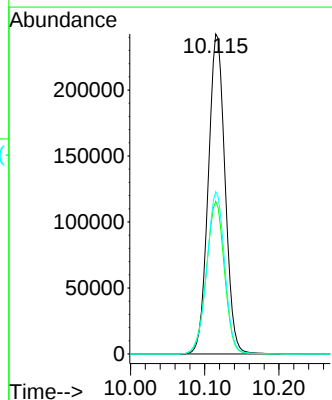
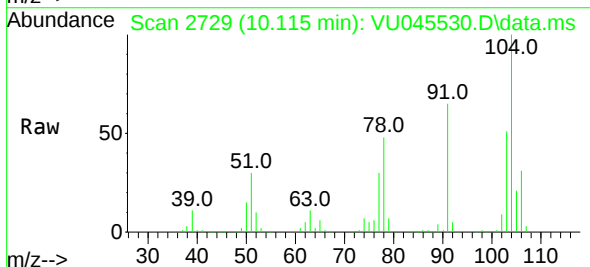
Manual Integrations
APPROVED

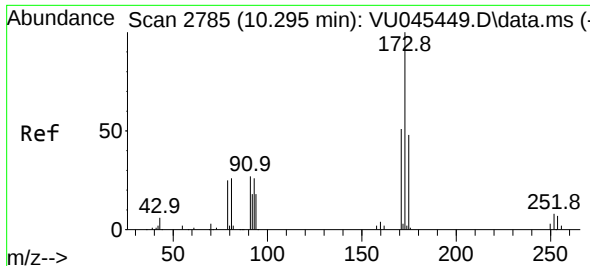
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#70
Styrene
Concen: 51.285 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Tgt Ion:104 Resp: 380385
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.6
103 54.1 43.8 65.6





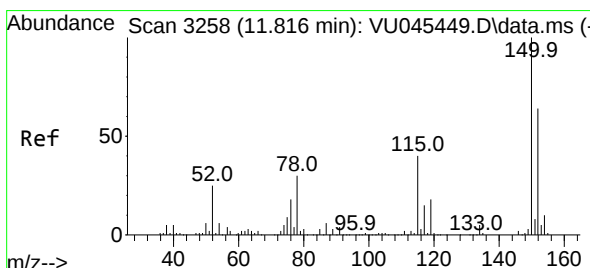
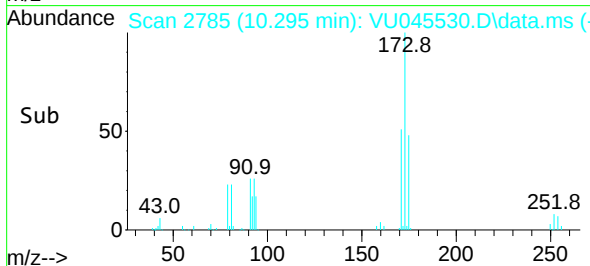
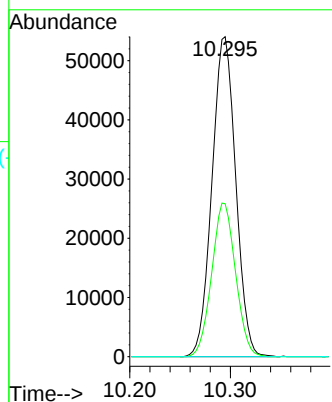
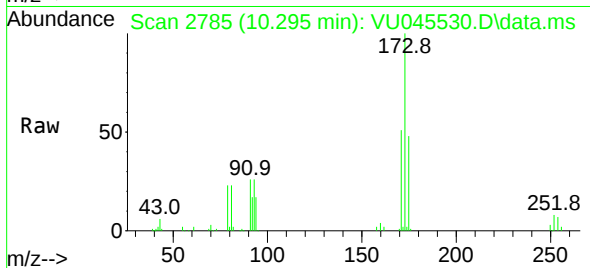
#71
Bromoform
Concen: 48.943 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 88734
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.0 0.0

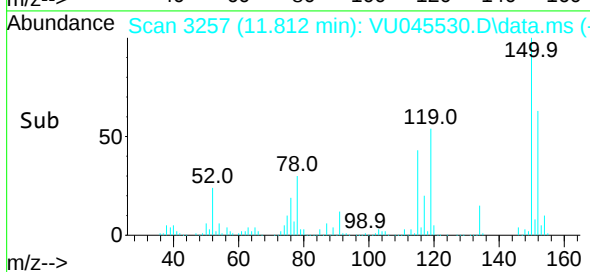
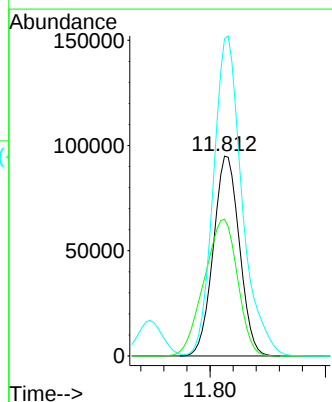
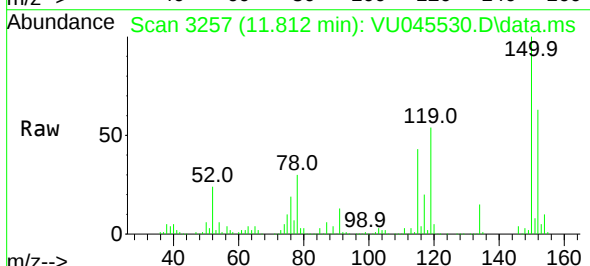
Manual Integrations
APPROVED

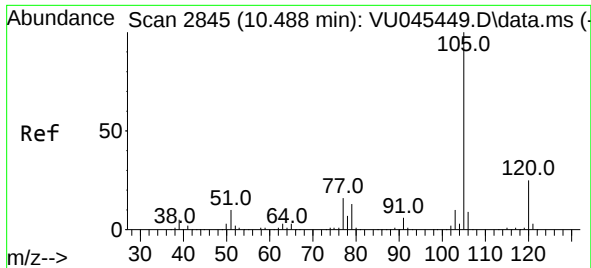
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Tgt Ion:152 Resp: 148932
Ion Ratio Lower Upper
152 100
115 87.4 42.7 128.1
150 175.9 0.0 346.8





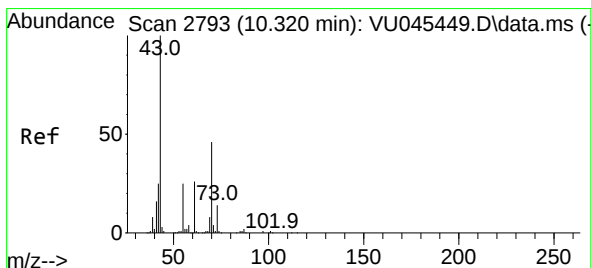
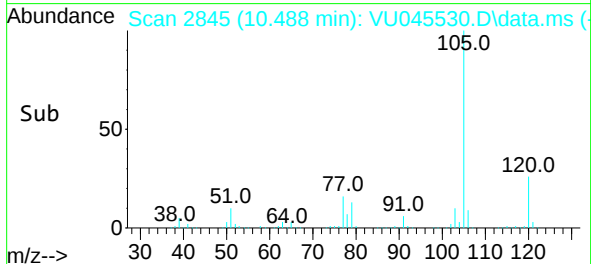
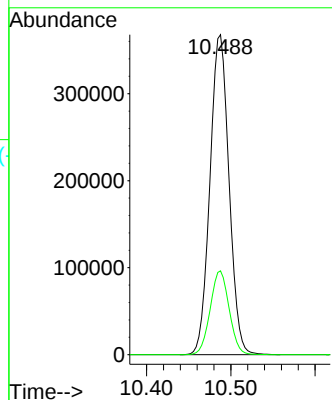
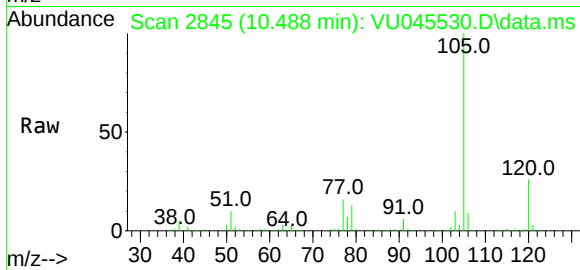
#73
Isopropylbenzene
Concen: 57.557 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 57800
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

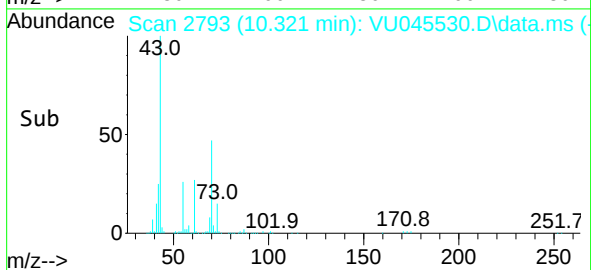
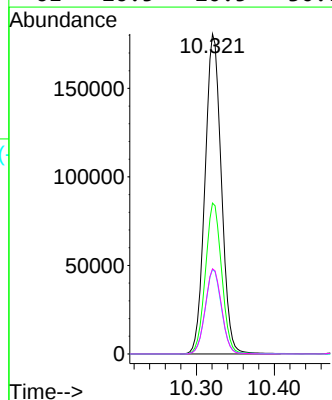
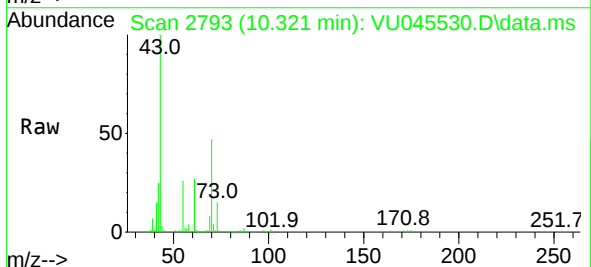
Manual Integrations
APPROVED

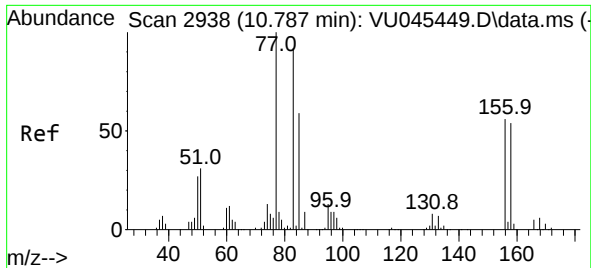
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#74
N-ethyl acetate
Concen: 50.491 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.001 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

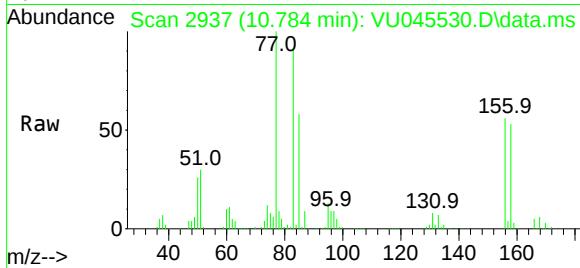
Tgt Ion: 43 Resp: 263058
Ion Ratio Lower Upper
43 100
70 46.9 36.9 55.3
55 26.3 20.6 31.0
61 26.5 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 55.928 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

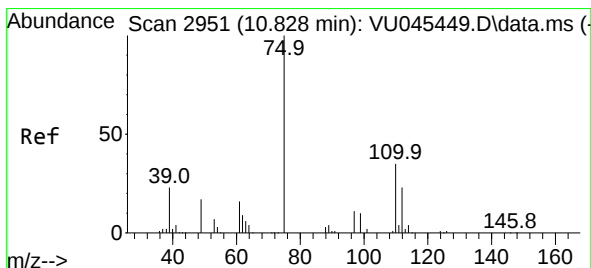
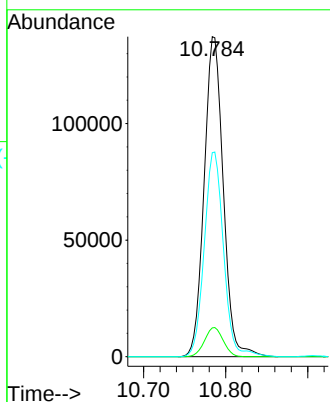
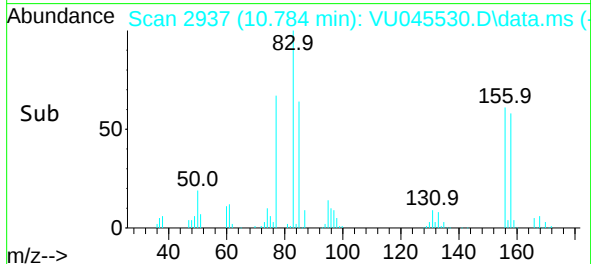
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



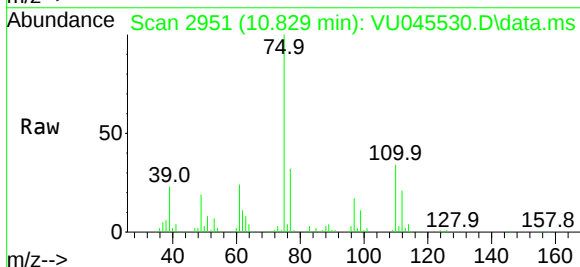
Tgt Ion: 83 Resp: 222910
Ion Ratio Lower Upper
83 100
131 8.9 4.4 13.2
85 64.5 31.9 95.9

Manual Integrations
APPROVED

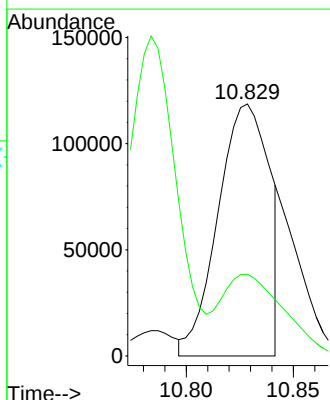
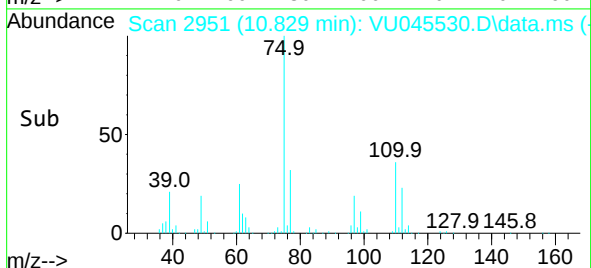
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

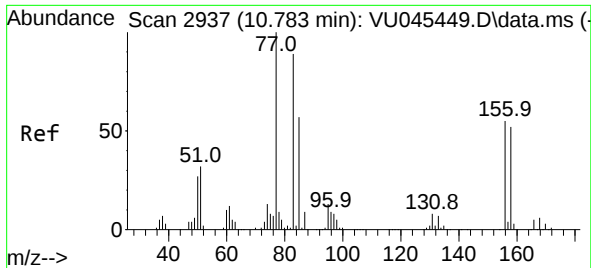


#76
1,2,3-Trichloropropane
Concen: 49.892 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



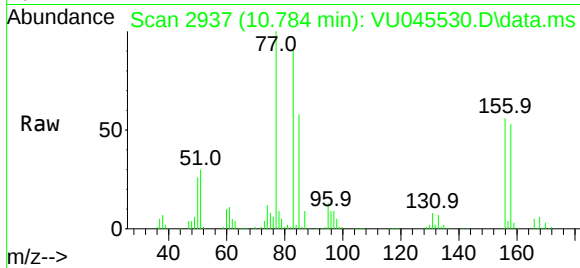
Tgt Ion: 75 Resp: 197980
Ion Ratio Lower Upper
75 100
77 40.1 17.1 51.3





#77
Bromobenzene
Concen: 57.152 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

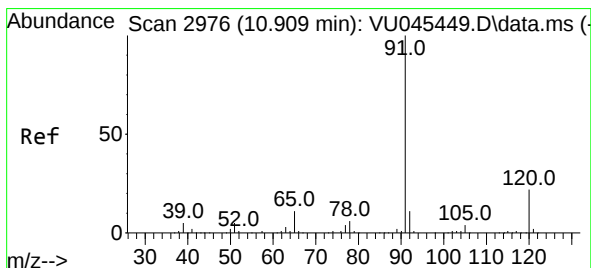
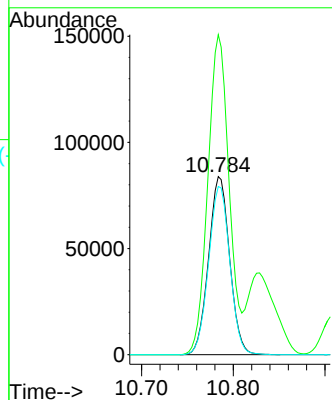
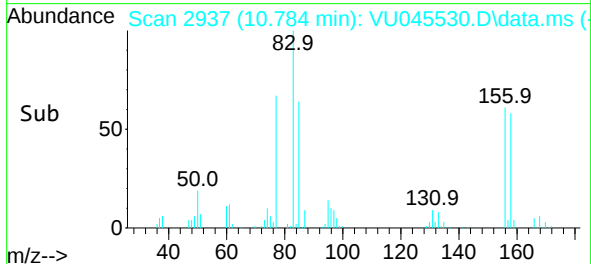
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



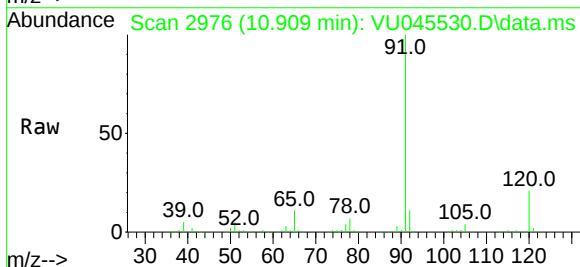
Tgt Ion:156 Resp: 133915
Ion Ratio Lower Upper
156 100
77 180.4 91.1 273.4
158 95.3 47.9 143.6

Manual Integrations
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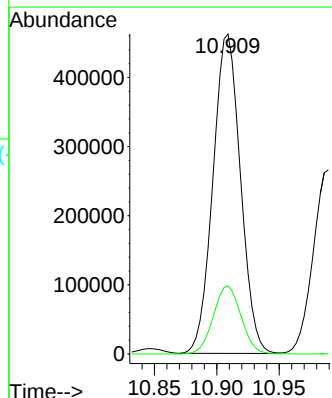
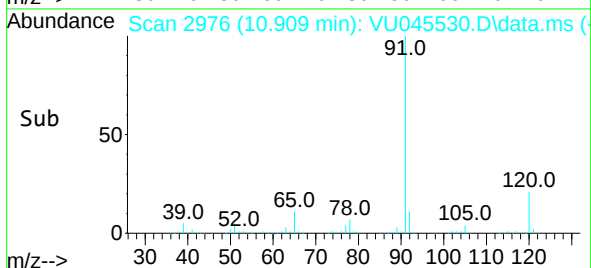
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

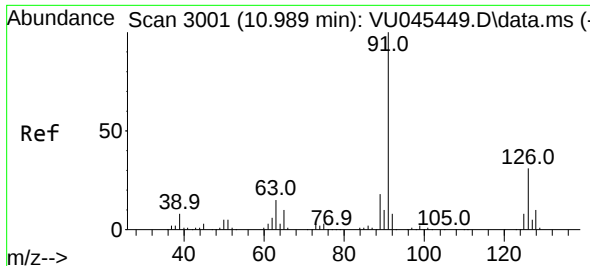


#78
n-propylbenzene
Concen: 58.267 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



Tgt Ion: 91 Resp: 709408
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7





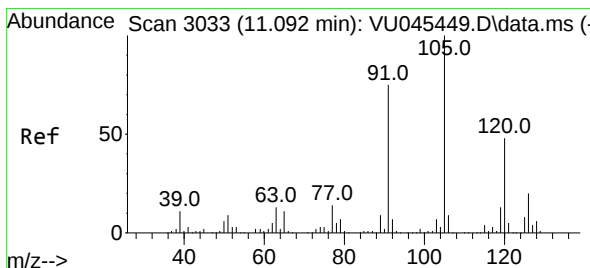
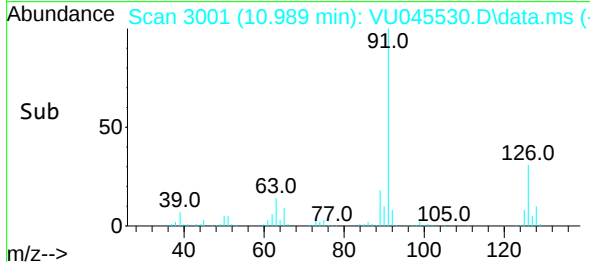
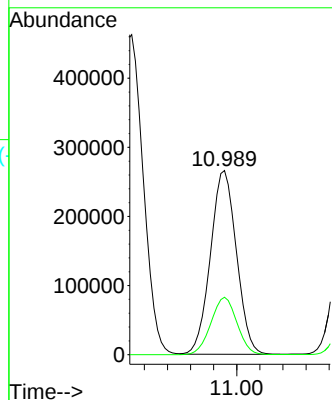
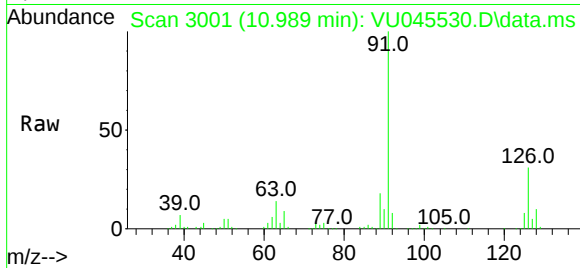
#79
2-Chlorotoluene
Concen: 56.760 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 415954
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8

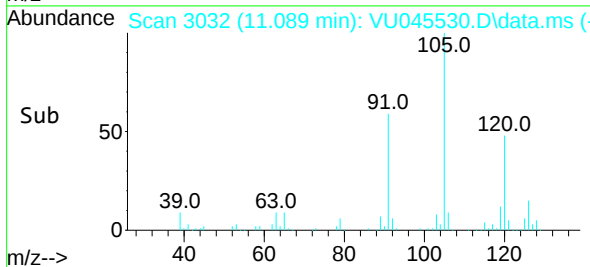
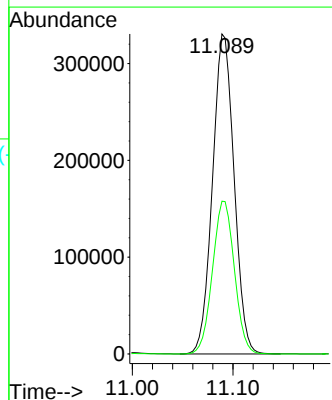
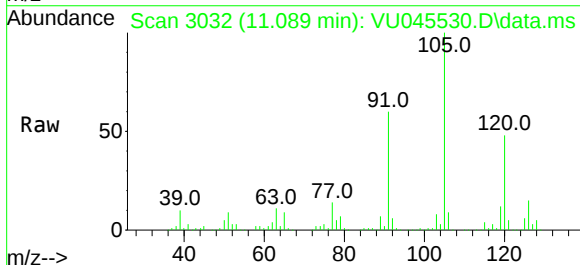
Manual Integrations
APPROVED

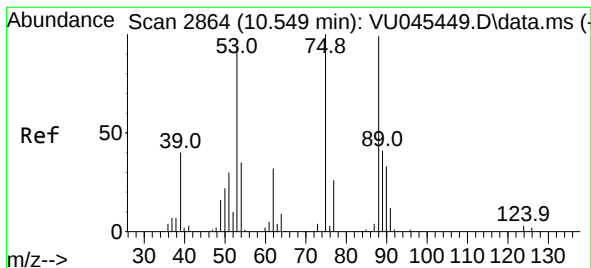
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#80
1,3,5-Trimethylbenzene
Concen: 58.286 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Tgt Ion:105 Resp: 492530
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.8





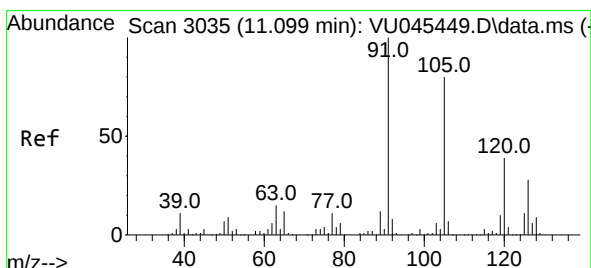
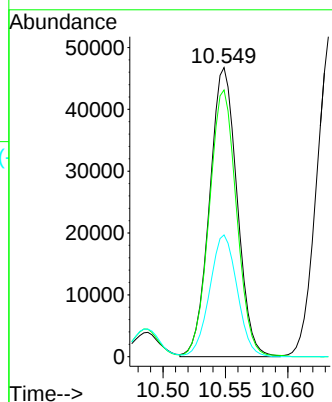
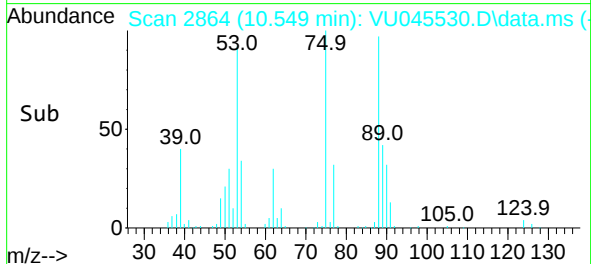
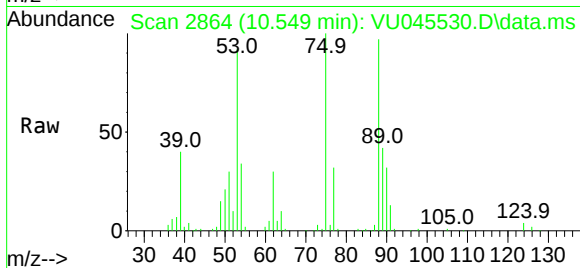
#81
trans-1,4-Dichloro-2-butene
Concen: 50.563 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 71869
Ion Ratio Lower Upper
75 100
53 91.7 76.2 114.4
89 42.1 34.0 51.0

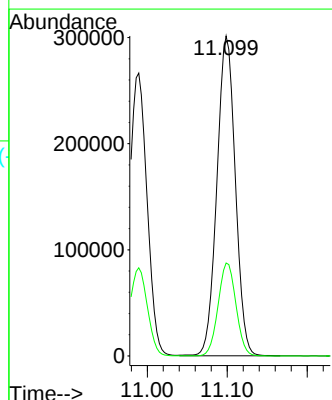
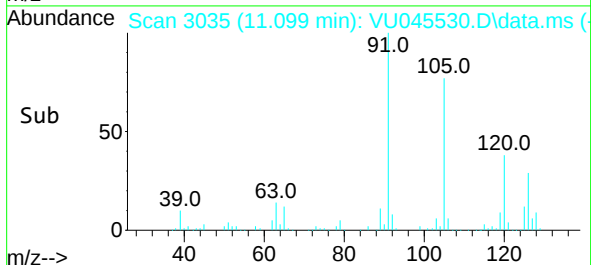
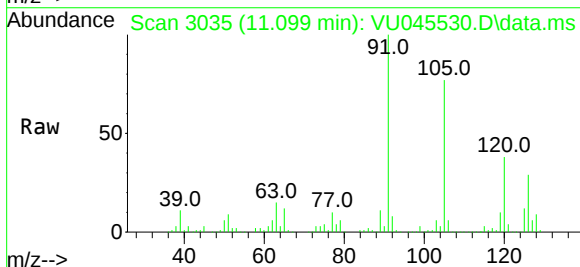
Manual Integrations
APPROVED

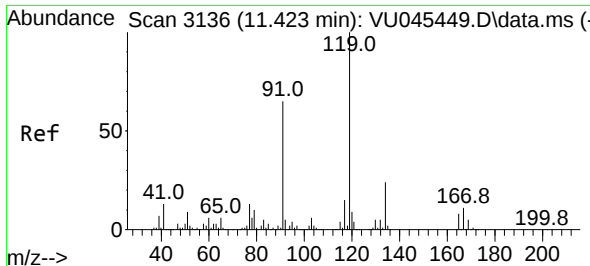
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#82
4-Chlorotoluene
Concen: 57.636 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

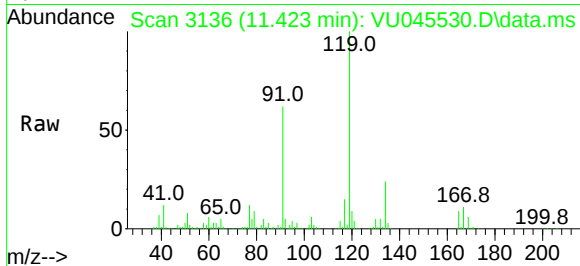
Tgt Ion: 91 Resp: 480309
Ion Ratio Lower Upper
91 100
126 28.1 13.8 41.4





#83
tert-Butylbenzene
Concen: 57.501 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

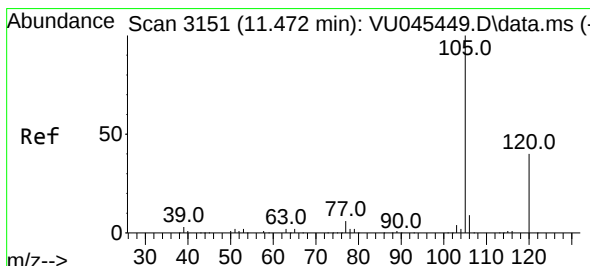
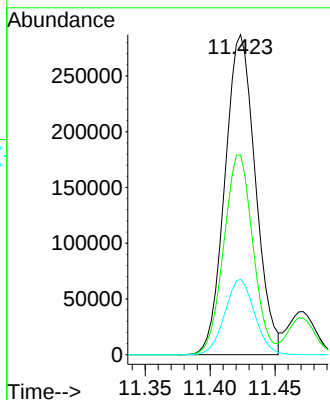
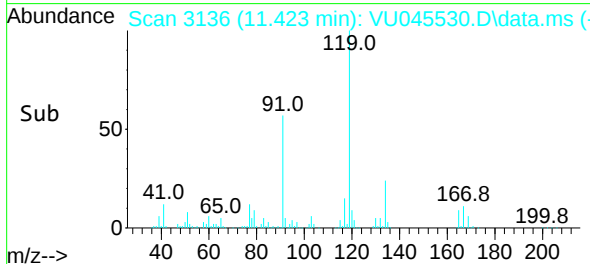
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



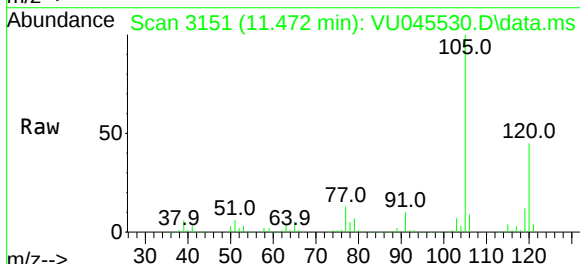
Tgt Ion:119 Resp: 469010
Ion Ratio Lower Upper
119 100
91 60.2 30.5 91.5
134 23.0 11.5 34.5

Manual Integrations
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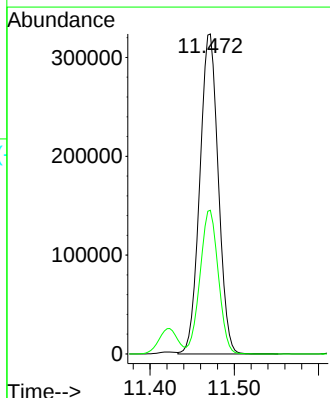
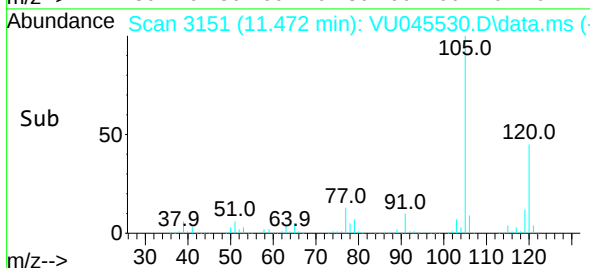
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

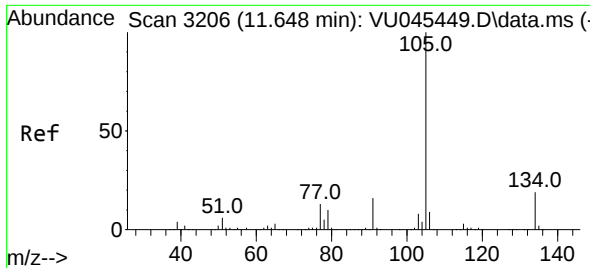


#84
1,2,4-Trimethylbenzene
Concen: 58.424 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



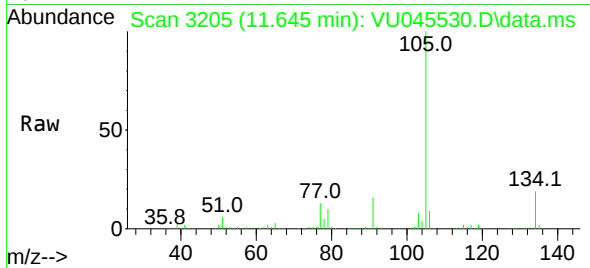
Tgt Ion:105 Resp: 494668
Ion Ratio Lower Upper
105 100
120 44.5 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 57.700 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045530.D
 Acq: 03 Nov 2021 19:01

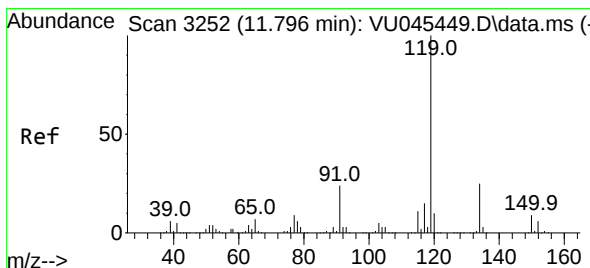
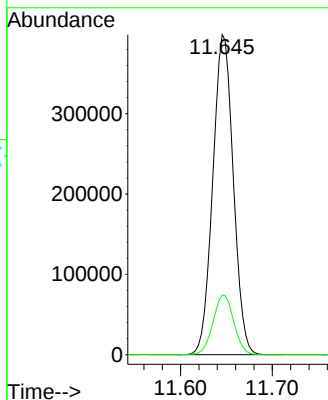
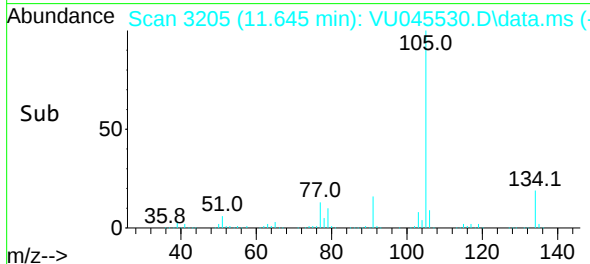
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



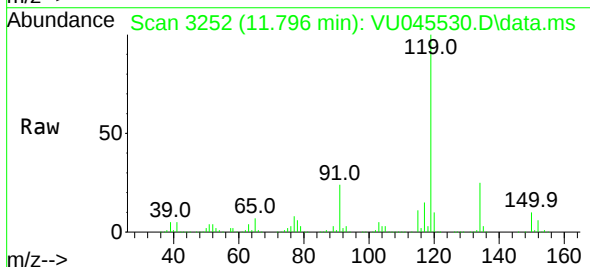
Tgt Ion:105 Resp: 617609
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3

Manual Integrations
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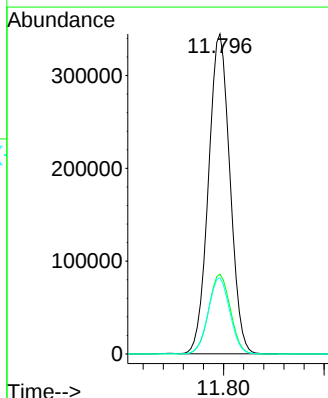
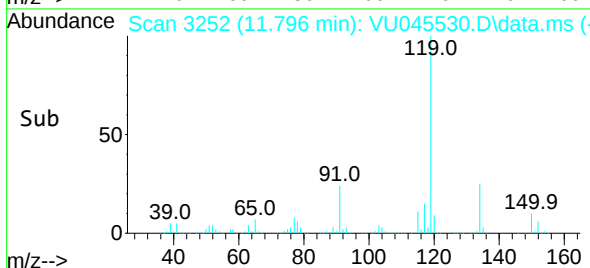
Reviewed By :John Carlone 11/05/2021
 Supervised By :Mahesh Dadoda 11/05/2021

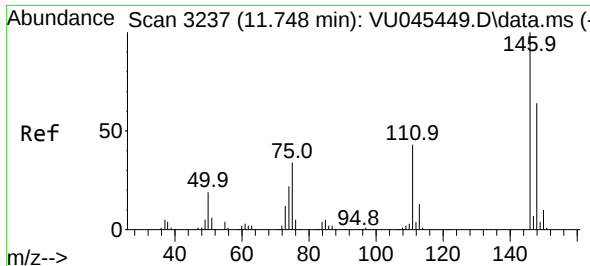


#86
 p-Isopropyltoluene
 Concen: 53.808 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045530.D
 Acq: 03 Nov 2021 19:01



Tgt Ion:119 Resp: 510374
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 54.690 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045530.D

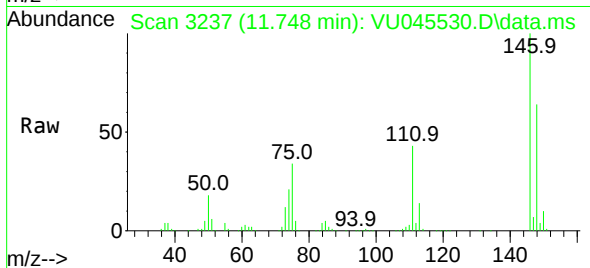
Acq: 03 Nov 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 25295

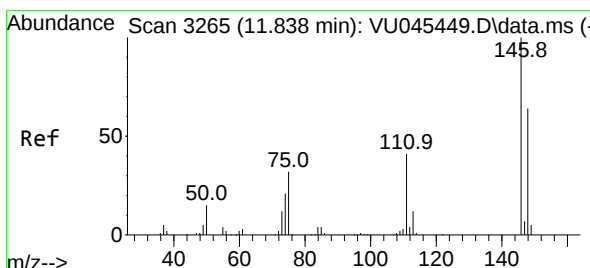
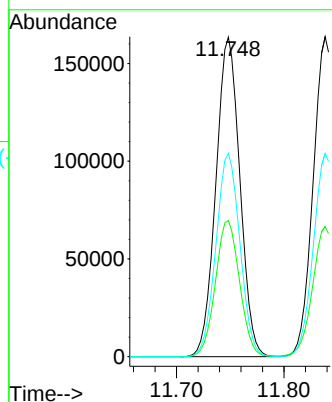
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.3	63.9
148	63.9	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/05/2021

Supervised By :Mahesh Dadoda 11/05/2021



#88

1,4-Dichlorobenzene

Concen: 53.900 ug/l

RT: 11.838 min Scan# 3265

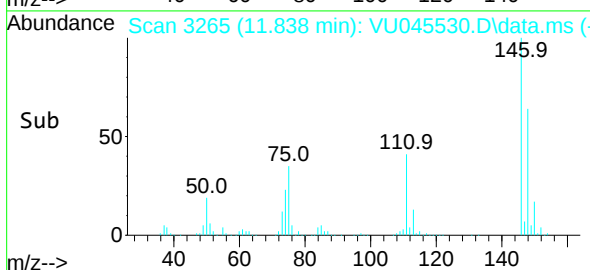
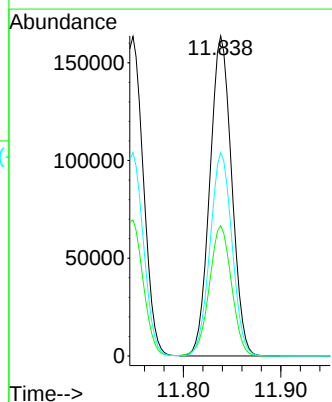
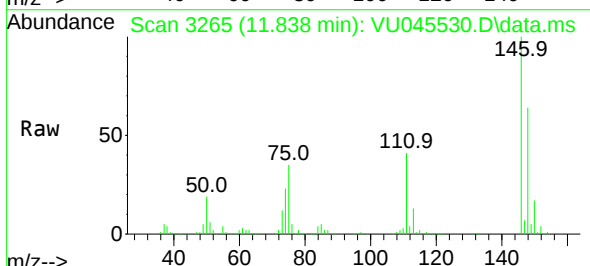
Delta R.T. 0.000 min

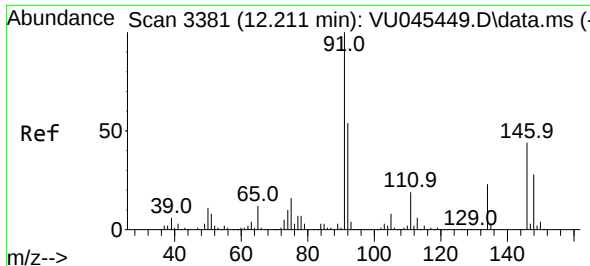
Lab File: VU045530.D

Acq: 03 Nov 2021 19:01

Tgt Ion:146 Resp: 254935

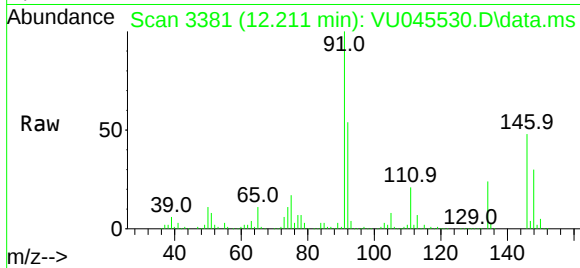
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.6	61.9
148	64.1	31.9	95.7





#89
n-Butylbenzene
Concen: 51.906 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

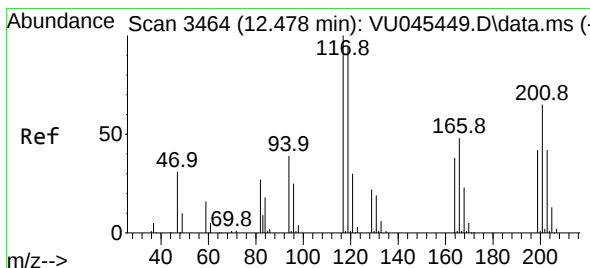
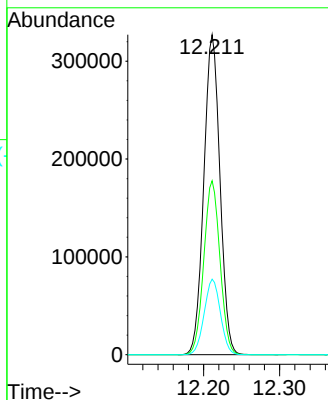
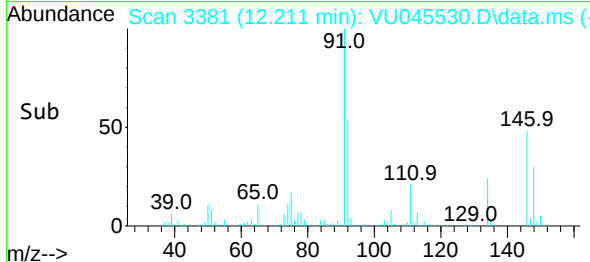
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 48208
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.2
134 23.7 11.8 35.4

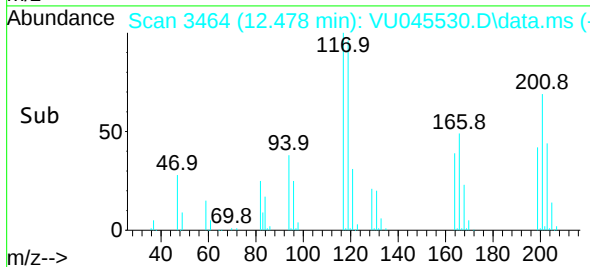
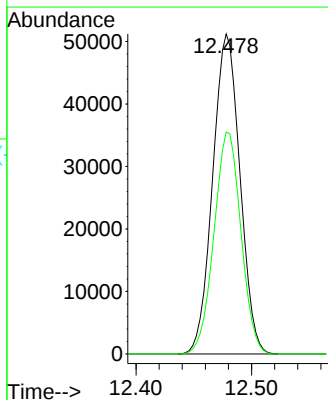
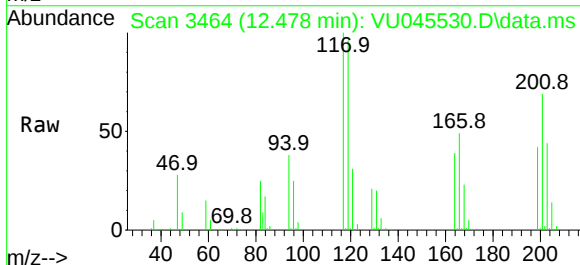
Manual Integrations
APPROVED

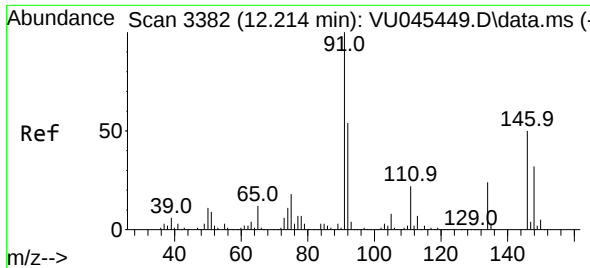
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#90
Hexachloroethane
Concen: 54.934 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

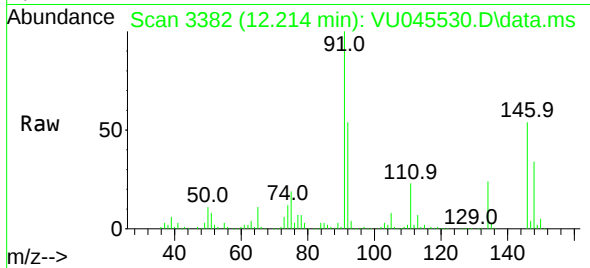
Tgt Ion:117 Resp: 83929
Ion Ratio Lower Upper
117 100
201 68.5 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 56.070 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

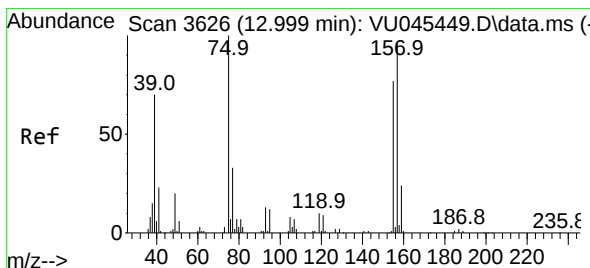
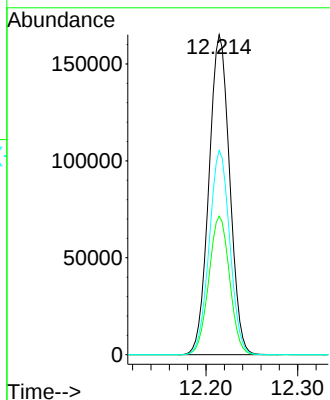
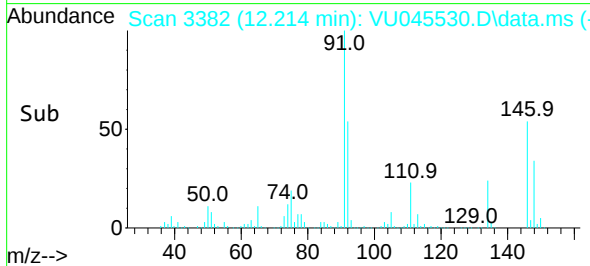
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



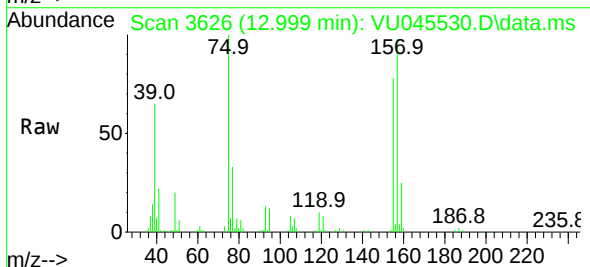
Tgt Ion:146 Resp: 25938
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.5
148 63.4 32.1 96.3

Manual Integrations
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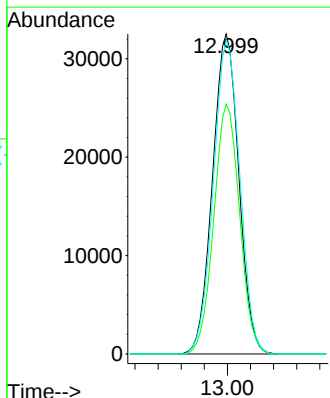
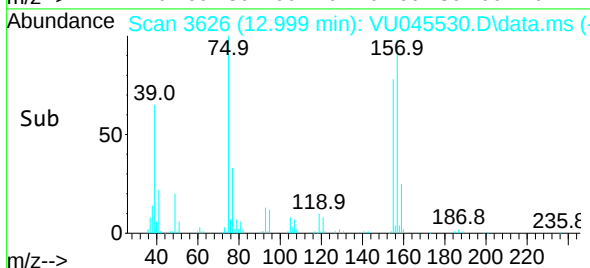
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

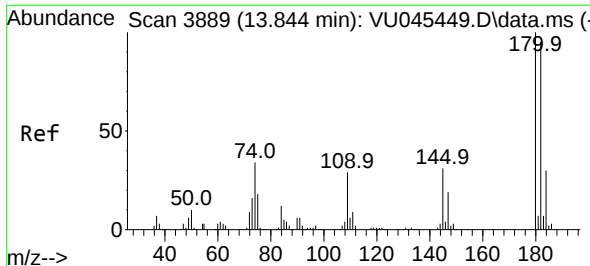


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.672 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



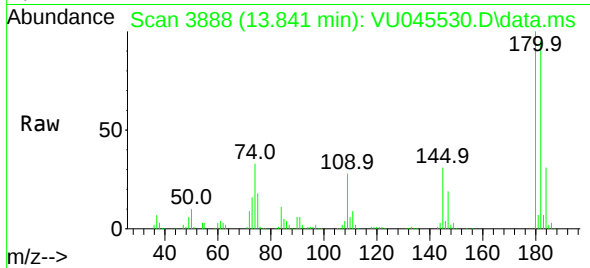
Tgt Ion: 75 Resp: 51381
Ion Ratio Lower Upper
75 100
155 76.8 37.8 113.3
157 98.8 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 54.986 ug/l
RT: 13.841 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

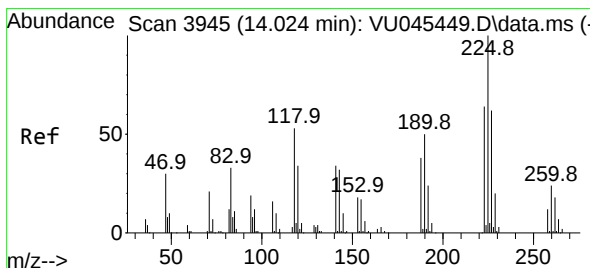
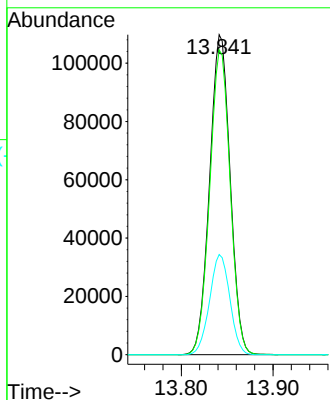
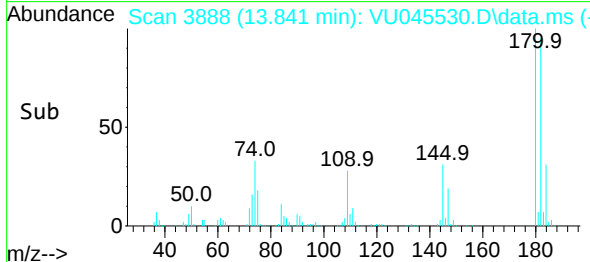
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 170344
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.2
145 30.9 15.6 46.7

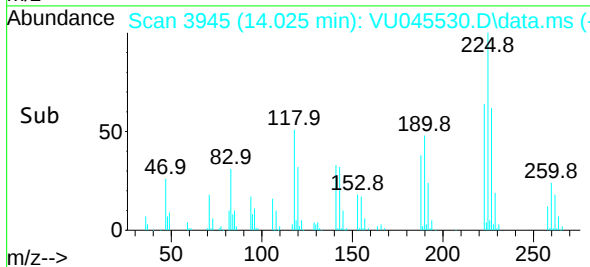
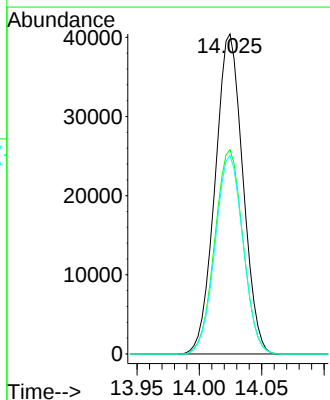
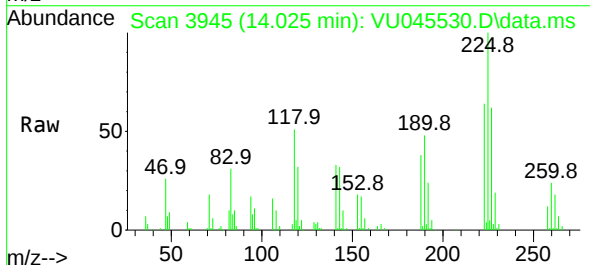
Manual Integrations
APPROVED

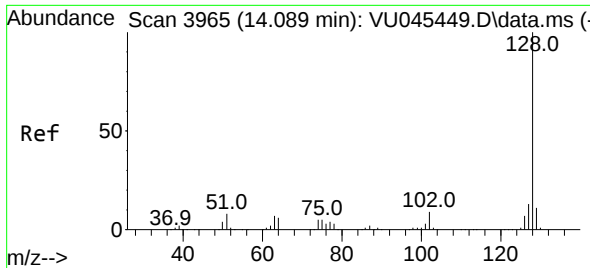
Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#94
Hexachlorobutadiene
Concen: 55.570 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

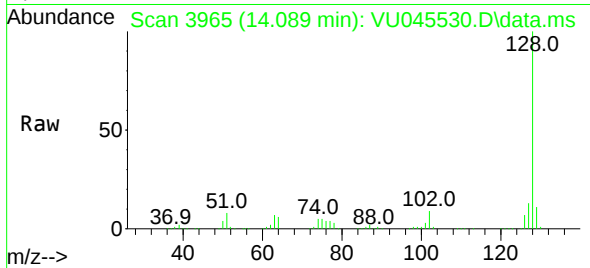
Tgt Ion:225 Resp: 62682
Ion Ratio Lower Upper
225 100
223 64.7 32.0 96.2
227 62.5 31.1 93.5





#95
Naphthalene
Concen: 52.953 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01

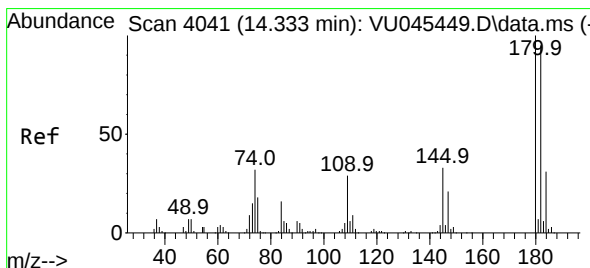
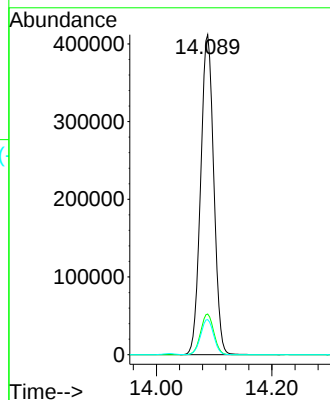
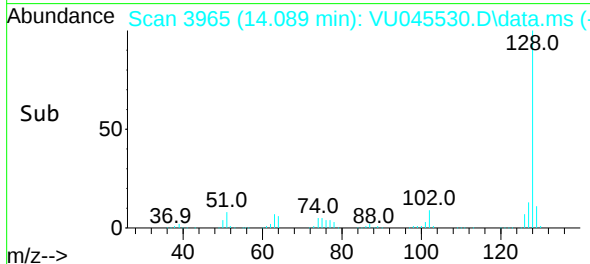
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



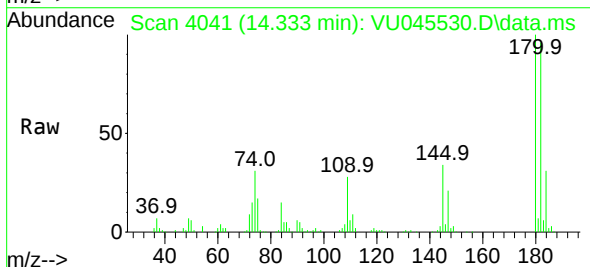
Tgt Ion:128 Resp: 64864
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021



#96
1,2,3-Trichlorobenzene
Concen: 55.337 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045530.D
Acq: 03 Nov 2021 19:01



Tgt Ion:180 Resp: 172800
Ion Ratio Lower Upper
180 100
182 95.8 47.7 143.1
145 33.4 16.7 50.0

