

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV022015.D
 Acq On : 30 Aug 2021 19:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:41:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 31 02:34:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	365579	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	351599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	196348	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99910	39.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.920%
7) Chloroethane-d5	1.561	69	85646	43.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	2.108	63	194246	46.393	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.780%
21) 2-Butanone-d5	3.876	46	175843	101.276	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.280%
24) Chloroform-d	4.349	84	219493	47.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.100%
26) 1,2-Dichloroethane-d4	5.034	65	129195	47.514	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.020%
32) Benzene-d6	5.050	84	441266	46.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
36) 1,2-Dichloropropane-d6	6.072	67	139839	46.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.260%
41) Toluene-d8	7.317	98	418671	46.507	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.020%
43) trans-1,3-Dichloroprop...	7.622	79	64026	44.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.700%
47) 2-Hexanone-d5	8.088	63	125627	109.169	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.170%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	205462	53.491	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.980%
66) 1,2-Dichlorobenzene-d4	11.625	152	174929	45.319	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	114362	45.509	ug/L	99
3) Chloromethane	1.240	50	122674	46.102	ug/L	97
5) Vinyl chloride	1.307	62	127508	47.543	ug/L	100
6) Bromomethane	1.513	94	73570	45.626	ug/L	98
8) Chloroethane	1.581	64	80193	47.797	ug/L	100
9) Trichlorofluoromethane	1.748	101	189520	49.622	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	111043	49.570	ug/L	99
12) 1,1-Dichloroethene	2.114	96	104961	49.775	ug/L	92
13) Acetone	2.159	43	109908	75.550	ug/L #	75
14) Carbon disulfide	2.291	76	302080	47.475	ug/L	99
15) Methyl Acetate	2.426	43	144417	50.976	ug/L	99
16) Methylene chloride	2.507	84	138400	48.987	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	124181	48.705	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	390131	48.152	ug/L	99
19) 1,1-Dichloroethane	3.188	63	225456	49.648	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	139849	49.281	ug/L	99
22) 2-Butanone	3.960	43	188999	92.424	ug/L	100
23) Bromochloromethane	4.249	128	74418	49.242	ug/L	98
25) Chloroform	4.378	83	235760	49.044	ug/L	98

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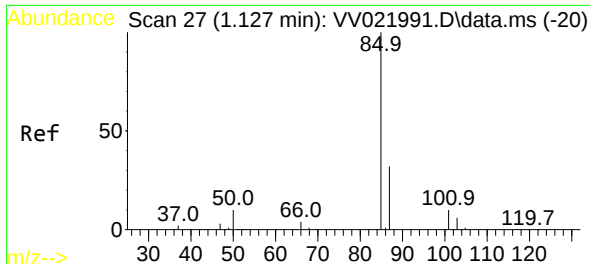
Quant Time: Aug 31 02:41:06 2021
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	161475	50.111	ug/L	99
29) Cyclohexane	4.677	56	184053	46.828	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	201320	48.177	ug/L	100
31) Carbon tetrachloride	4.831	117	172885	48.155	ug/L	100
33) Benzene	5.101	78	501904	49.064	ug/L	100
34) Trichloroethene	5.915	95	129063	44.542	ug/L	98
35) Methylcyclohexane	6.130	83	189252	44.677	ug/L	99
37) 1,2-Dichloropropane	6.175	63	130999	49.402	ug/L	100
38) Bromodichloromethane	6.510	83	165819	48.899	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	199645	48.766	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	367415	102.205	ug/L	100
42) Toluene	7.391	91	544681	49.334	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	183134	48.063	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	131391	48.699	ug/L	98
46) Tetrachloroethene	7.979	164	105235	46.707	ug/L	98
48) 2-Hexanone	8.140	43	278116	99.710	ug/L	99
49) Dibromochloromethane	8.249	129	145094	50.240	ug/L	99
50) 1,2-Dibromoethane	8.355	107	143646	49.608	ug/L	98
51) Chlorobenzene	8.883	112	358711	48.324	ug/L	100
52) Ethylbenzene	9.014	91	581398	48.646	ug/L	99
53) m,p-Xylene	9.140	106	223742	48.164	ug/L	99
54) o-Xylene	9.545	106	221697	48.233	ug/L	98
55) Styrene	9.561	104	395277	50.392	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	221895	56.763	ug/L	99
59) Bromoform	9.735	173	102944	49.364	ug/L	99
60) Isopropylbenzene	9.934	105	588173	47.673	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	166698	48.986	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	489075	47.218	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	501999	47.682	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	292052	46.623	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	295170	46.049	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	296496	47.669	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	42347	51.634	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	211013	45.050	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	188259	45.689	ug/L	100
71) Naphthalene	13.503	128	583666	49.243	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	192238	47.833	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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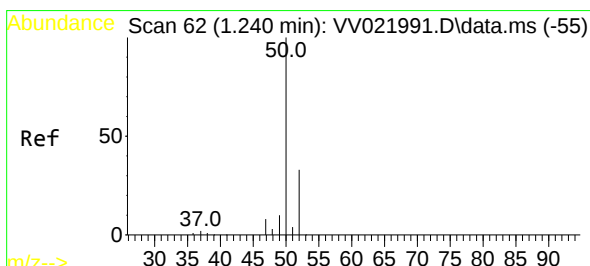
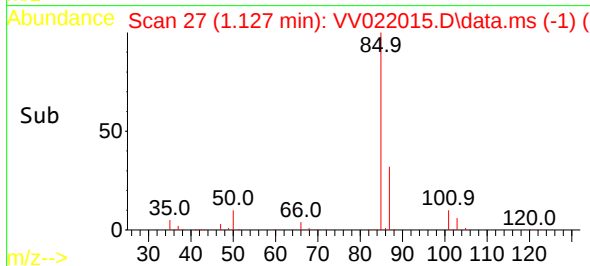
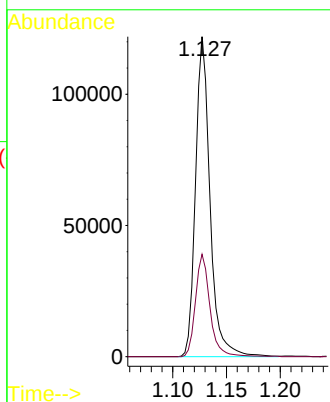
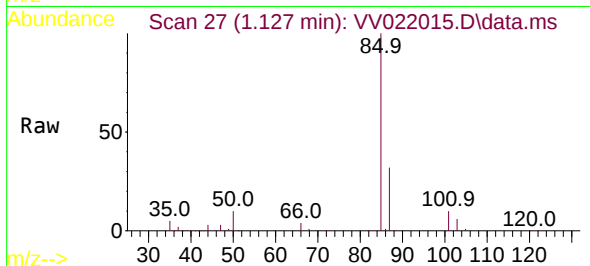




#2
Dichlorodifluoromethane
Concen: 45.509 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

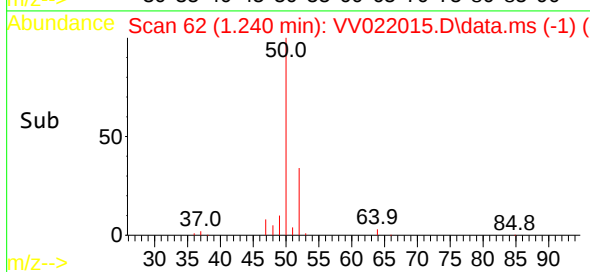
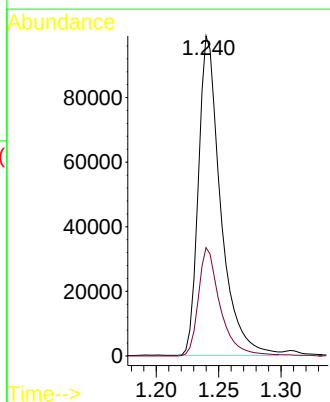
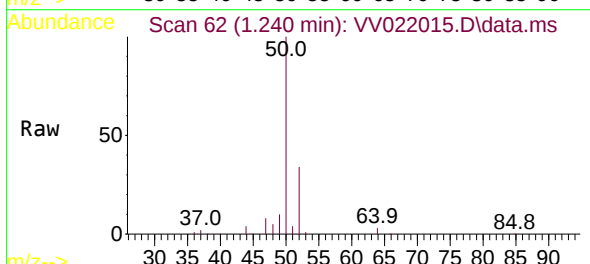
Instrument :
MSVOA_V
ClientSampled :

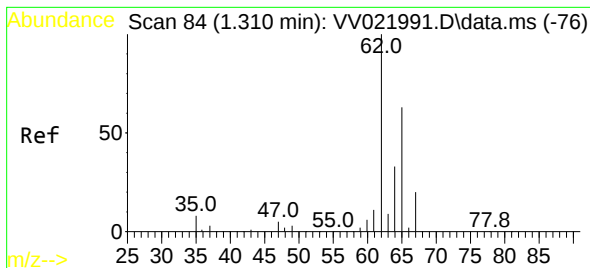
Tgt Ion: 85 Resp: 114362
Ion Ratio Lower Upper
85 100
87 32.0 26.0 39.0



#3
Chloromethane
Concen: 46.102 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 50 Resp: 122674
Ion Ratio Lower Upper
50 100
52 33.9 22.5 41.9

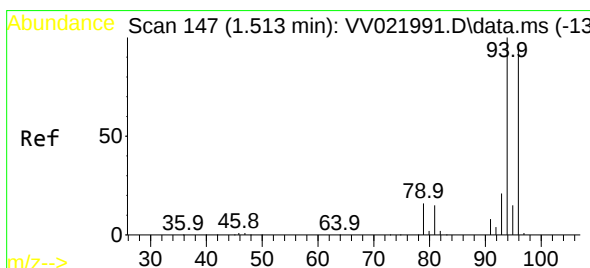
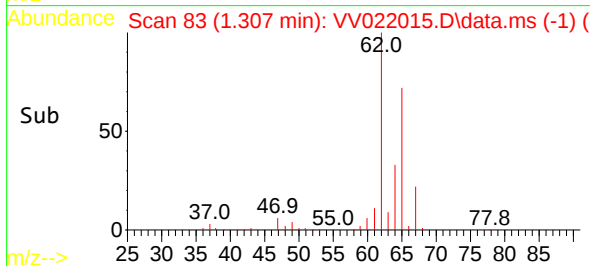
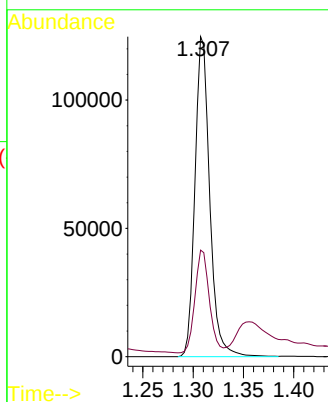
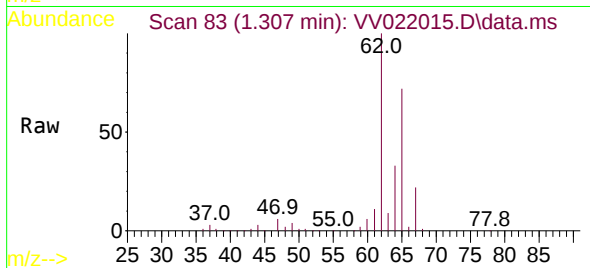




#5
 Vinyl chloride
 Concen: 47.543 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022015.D
 Acq: 30 Aug 2021 19:53

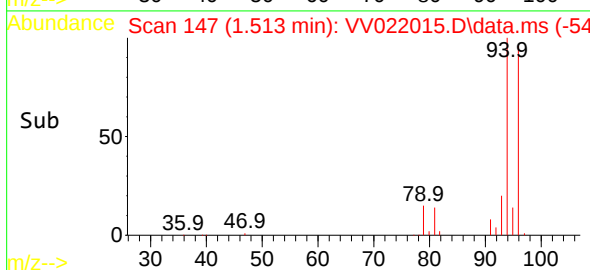
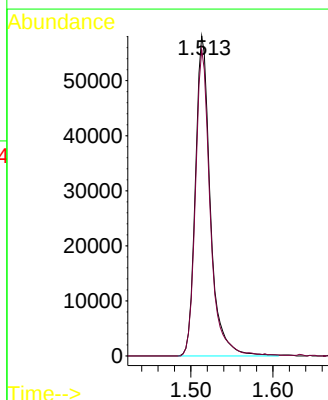
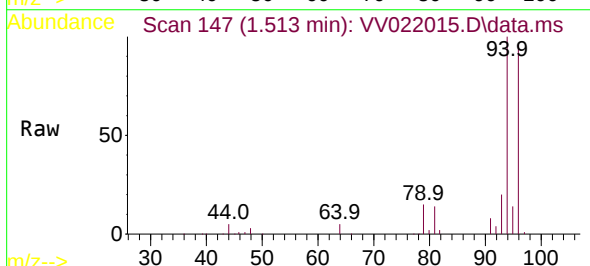
Instrument :
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 ClientSampleId :

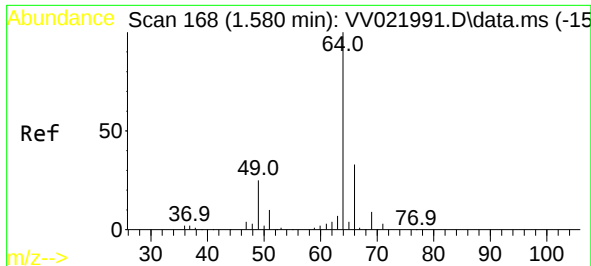
Tgt Ion: 62 Resp: 127508
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.6



#6
 Bromomethane
 Concen: 45.626 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV022015.D
 Acq: 30 Aug 2021 19:53

Tgt Ion: 94 Resp: 73570
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.8 122.2

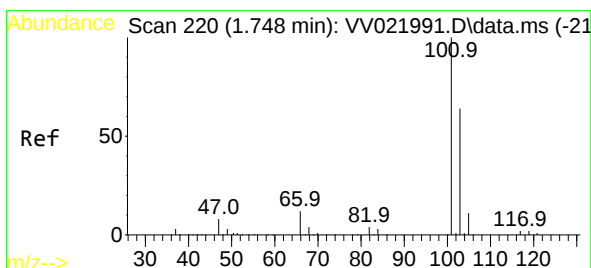
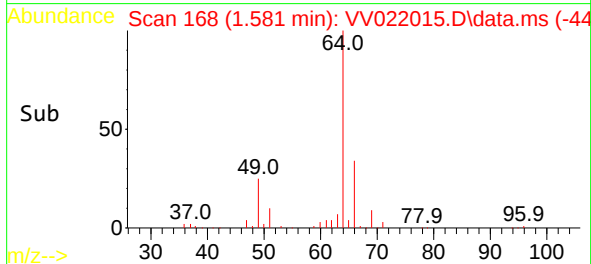
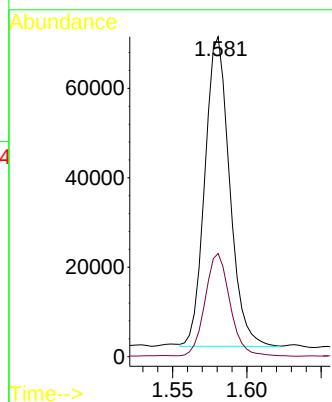
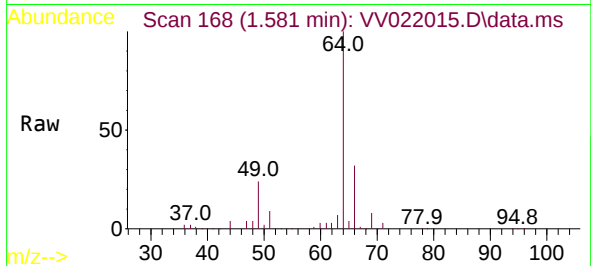




#8
Chloroethane
Concen: 47.797 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

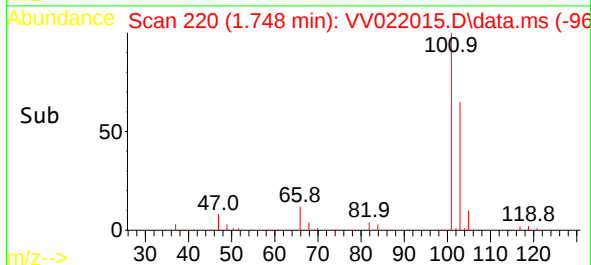
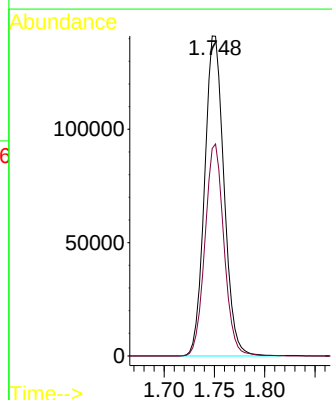
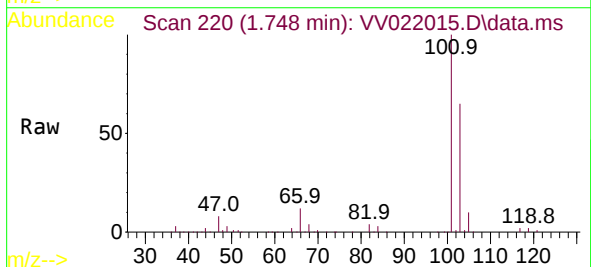
Instrument :
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ClientSampleId :

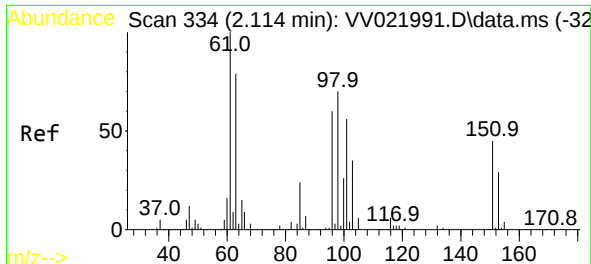
Tgt Ion: 64 Resp: 80193
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 49.622 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion:101 Resp: 189520
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0

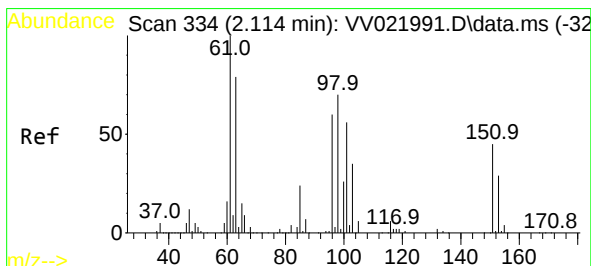
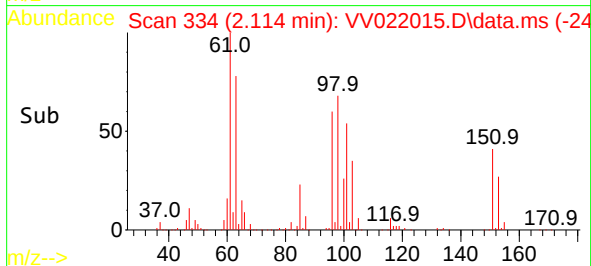
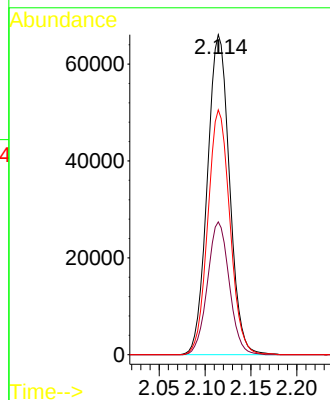
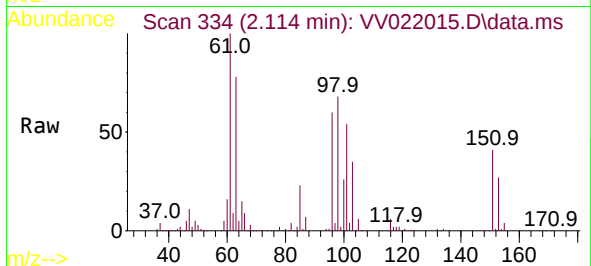




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.570 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

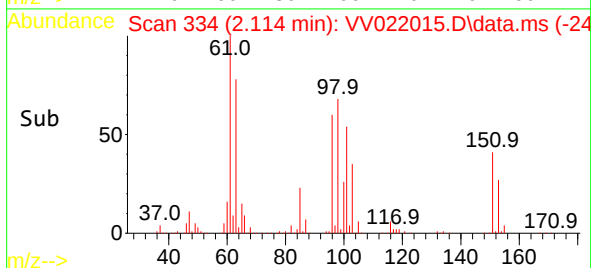
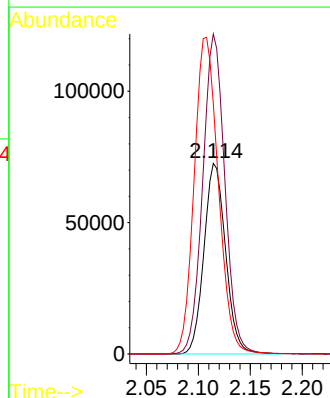
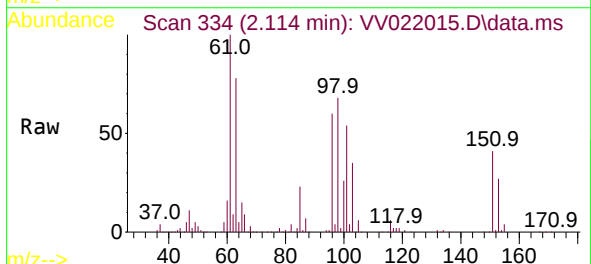
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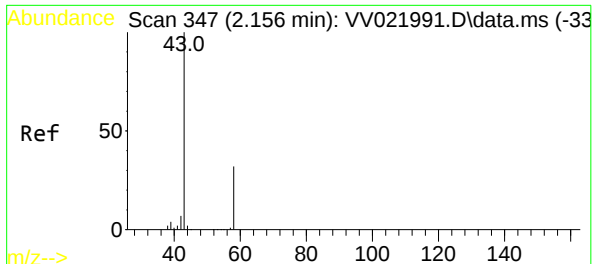
Tgt Ion:101 Resp: 111043
Ion Ratio Lower Upper
101 100
85 40.8 33.4 50.0
151 76.3 61.7 92.5



#12
1,1-Dichloroethene
Concen: 49.775 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 96 Resp: 104961
Ion Ratio Lower Upper
96 100
61 167.9 113.2 210.2
63 131.3 102.3 189.9

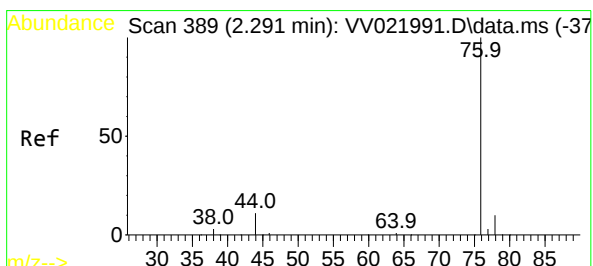
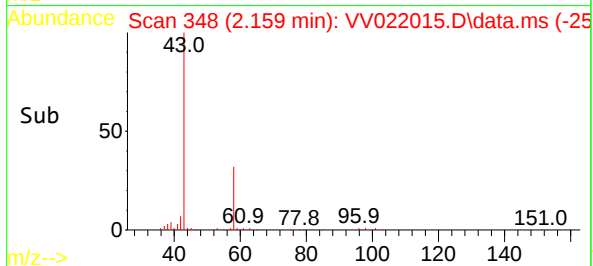
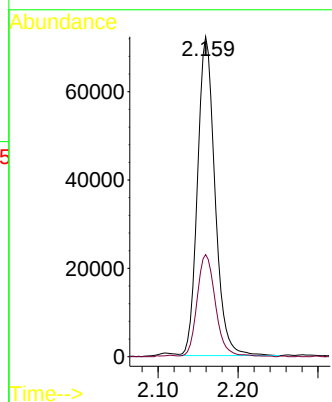
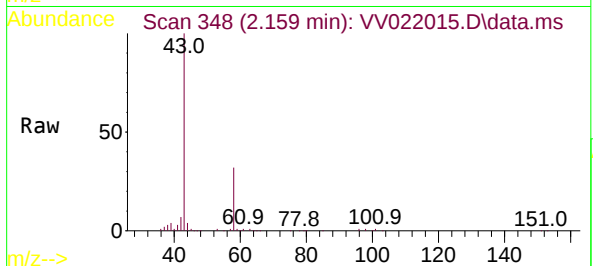




#13
Acetone
Concen: 75.550 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

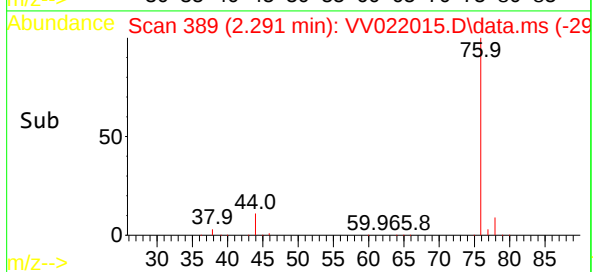
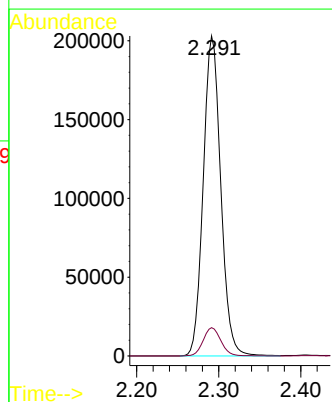
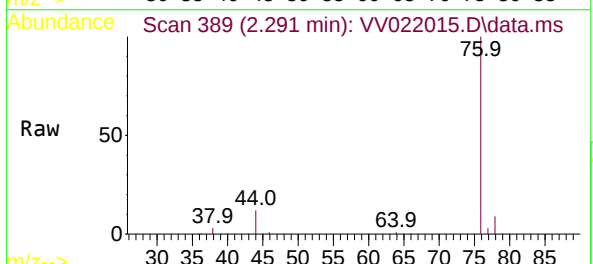
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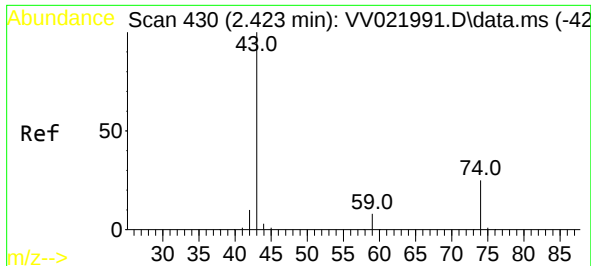
Tgt Ion: 43 Resp: 109908
Ion Ratio Lower Upper
43 100
58 32.8 0.0 0.4#



#14
Carbon disulfide
Concen: 47.475 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022015.D
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Tgt Ion: 76 Resp: 302080
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

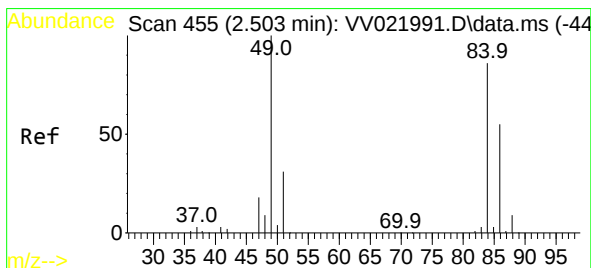
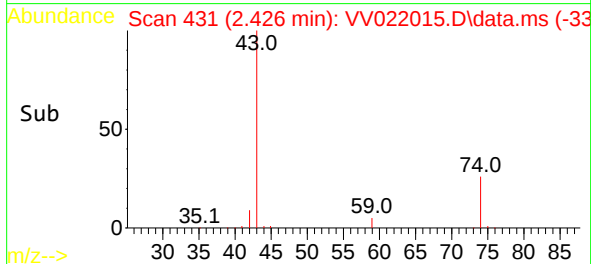
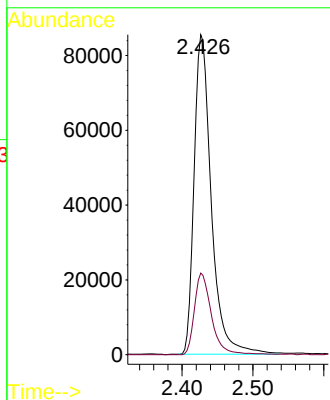
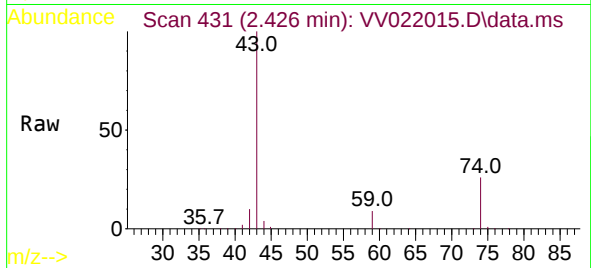




#15
Methyl Acetate
Concen: 50.976 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

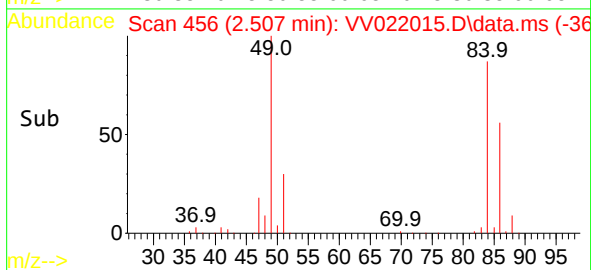
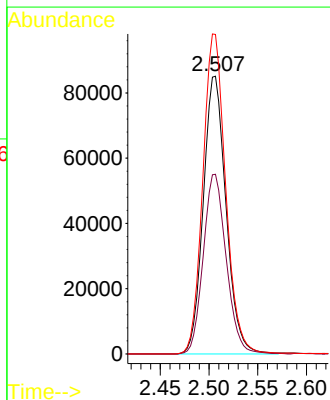
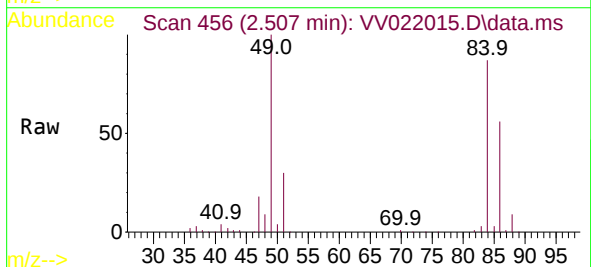
Instrument :
MSVOA_V
ClientSampleId :

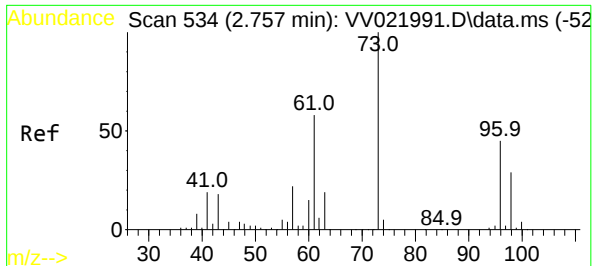
Tgt Ion: 43 Resp: 144417
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2



#16
Methylene chloride
Concen: 48.987 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 84 Resp: 138400
Ion Ratio Lower Upper
84 100
86 64.7 44.8 83.2
49 115.0 80.2 149.0

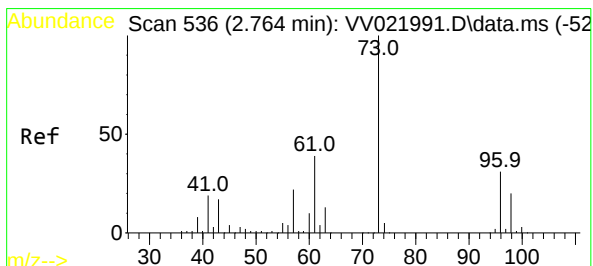
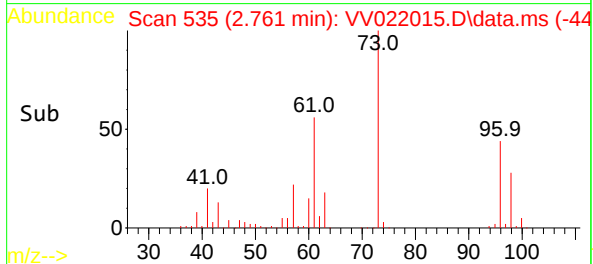
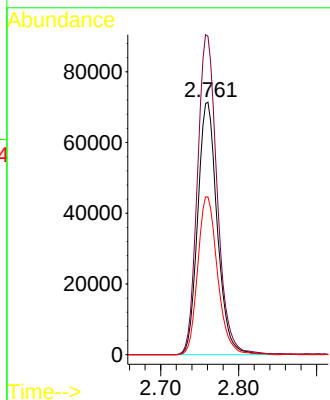
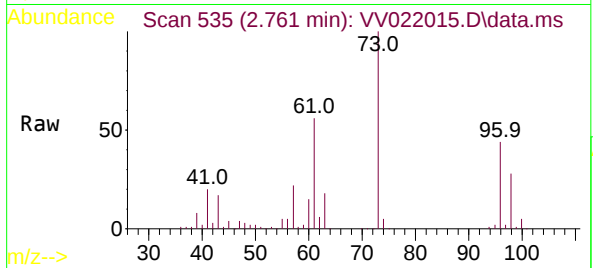




#17
trans-1,2-Dichloroethene
Concen: 48.705 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

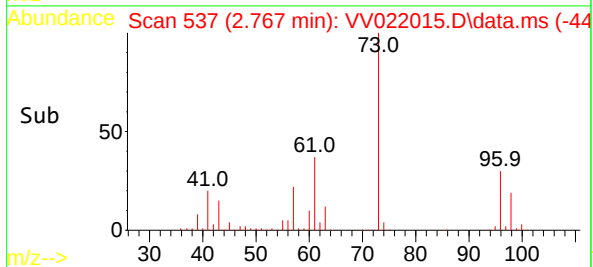
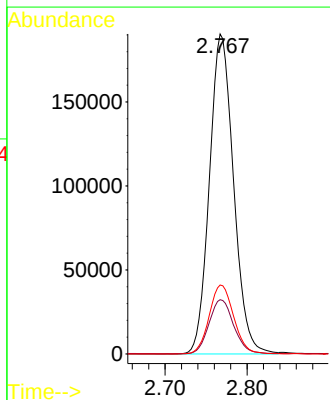
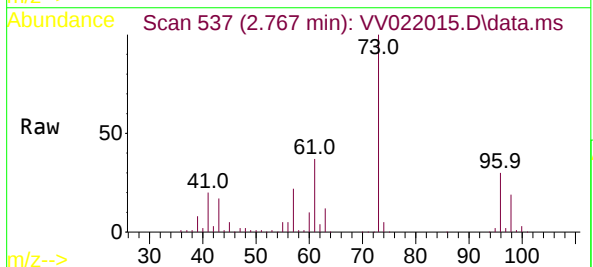
Instrument :
MSVOA_V
ClientSampleId :

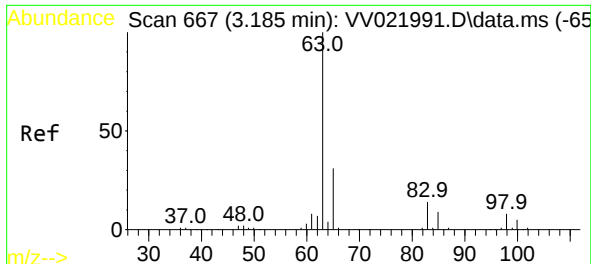
Tgt Ion: 96 Resp: 124181
Ion Ratio Lower Upper
96 100
61 126.1 89.1 165.5
98 62.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 48.152 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 73 Resp: 390131
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.648 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

Lab File: VV022015.D

Acq: 30 Aug 2021 19:53

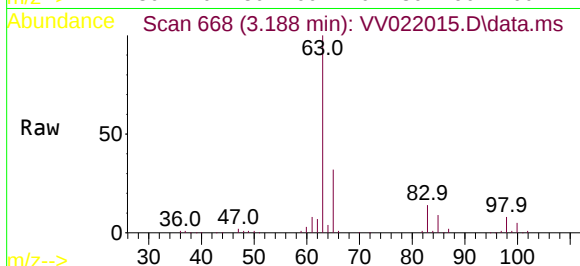
Tgt Ion: 63 Resp: 225456

Ion Ratio Lower Upper

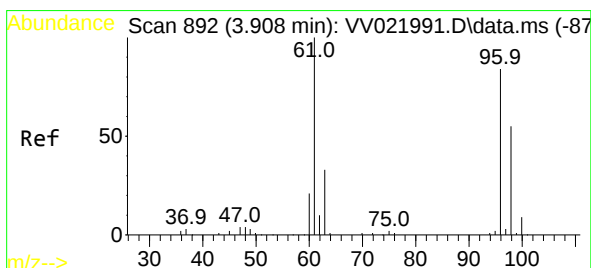
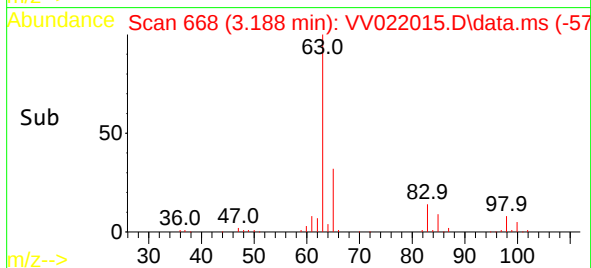
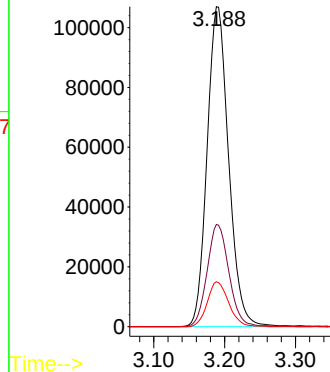
63 100

65 32.0 22.2 41.2

83 14.0 9.7 17.9



Abundance



#20

cis-1,2-Dichloroethene

Concen: 49.281 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV022015.D

Acq: 30 Aug 2021 19:53

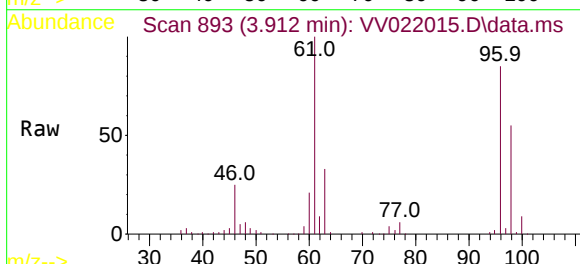
Tgt Ion: 96 Resp: 139849

Ion Ratio Lower Upper

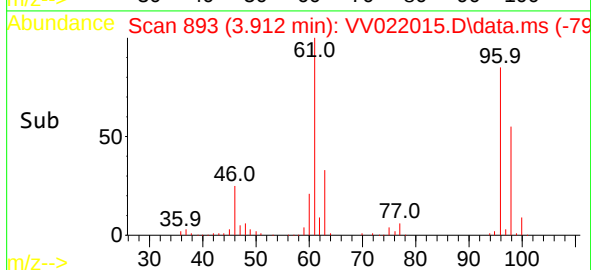
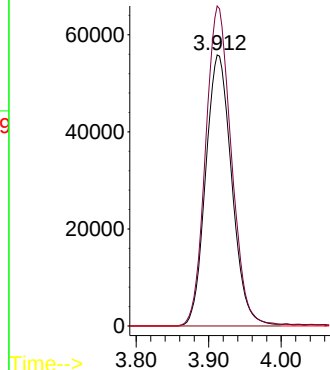
96 100

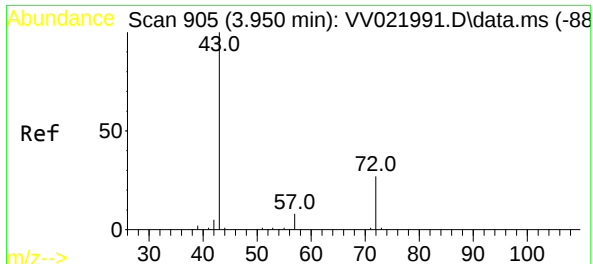
61 118.1 81.8 152.0

68 0.0 0.0 0.0



Abundance

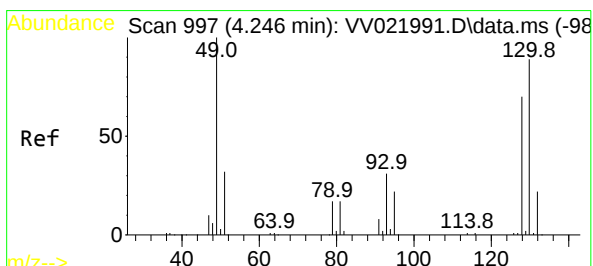
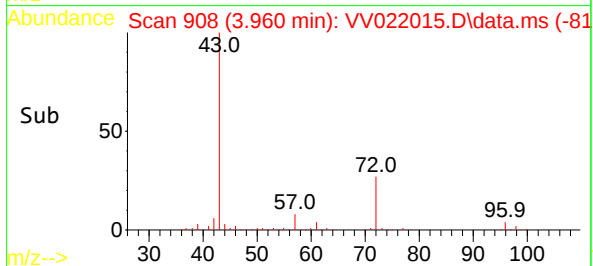
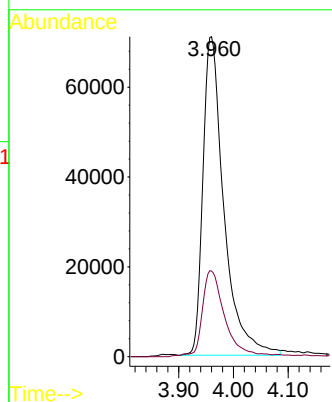
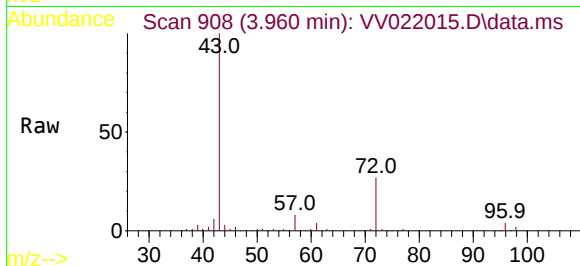




#22
2-Butanone
Concen: 92.424 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.010 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

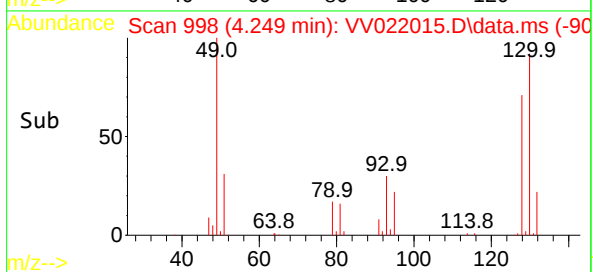
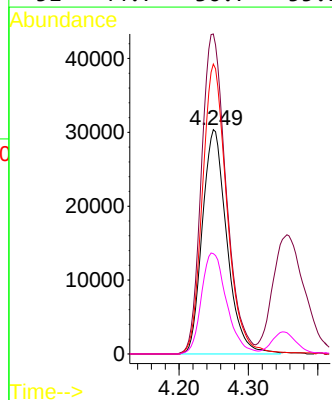
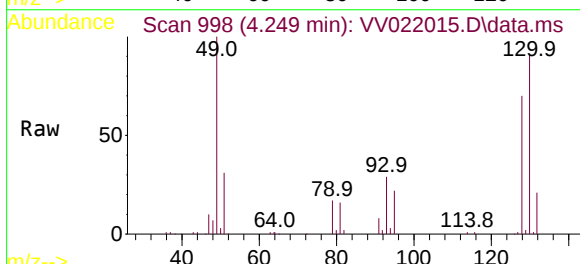
Instrument :
MSVOA_V
ClientSampled :

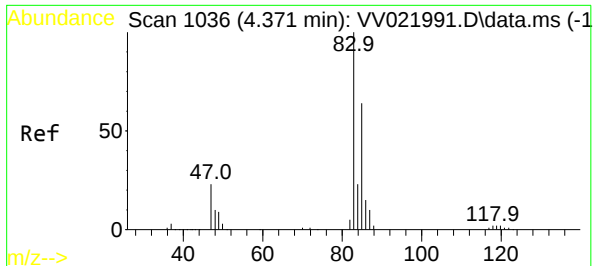
Tgt Ion: 43 Resp: 188999
Ion Ratio Lower Upper
43 100
72 26.4 13.3 39.8



#23
Bromochloromethane
Concen: 49.242 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 128 Resp: 74418
Ion Ratio Lower Upper
128 100
49 142.6 101.6 188.8
130 129.2 88.5 164.3
51 44.7 36.7 55.1



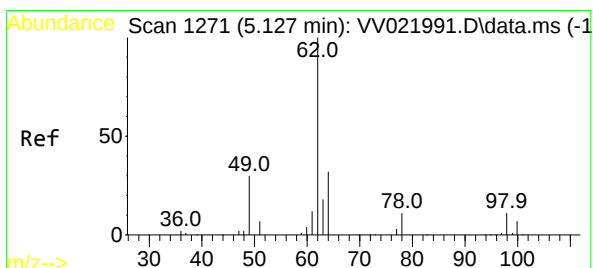
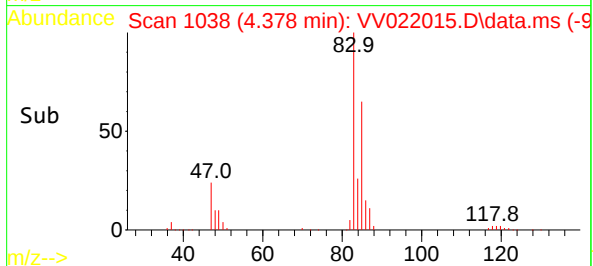
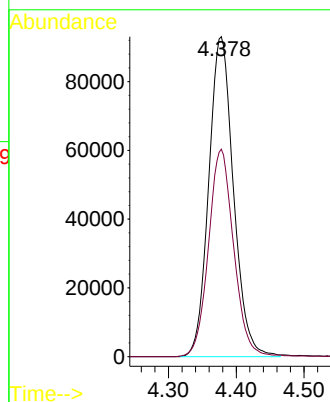
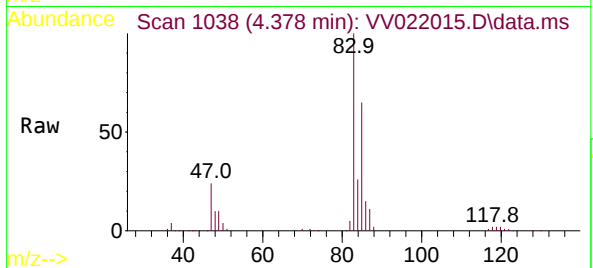


#25

Chloroform
Concen: 49.044 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Instrument :
MSVOA_V
ClientSampled :

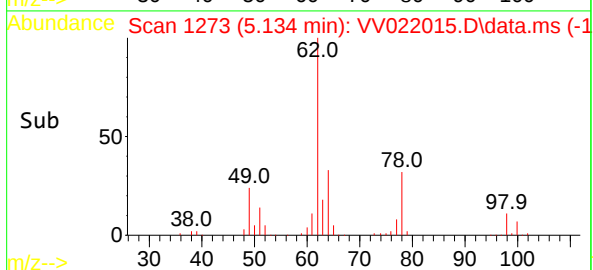
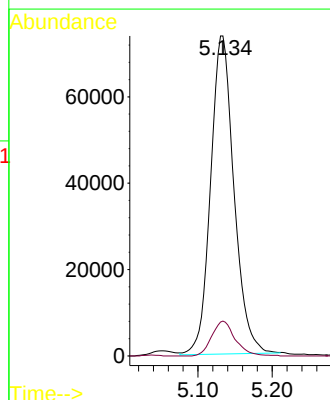
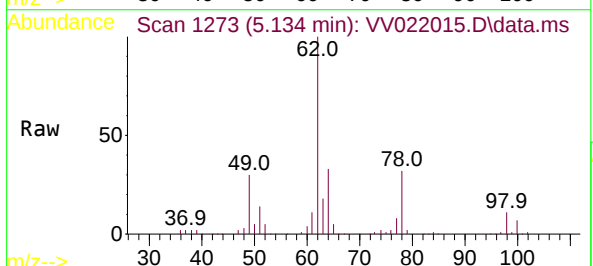
Tgt Ion: 83 Resp: 235760
Ion Ratio Lower Upper
83 100
85 64.9 46.3 85.9

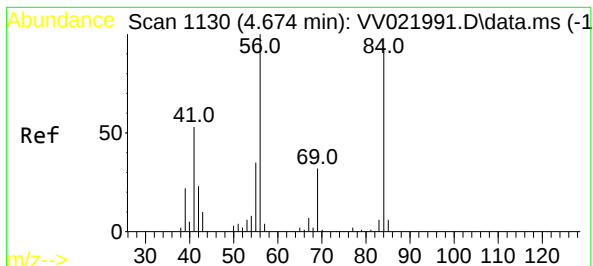


#27

1,2-Dichloroethane
Concen: 50.111 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.007 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 62 Resp: 161475
Ion Ratio Lower Upper
62 100
98 10.9 8.5 12.7





#29

Cyclohexane

Concen: 46.828 ug/L

RT: 4.677 min Scan# 1131

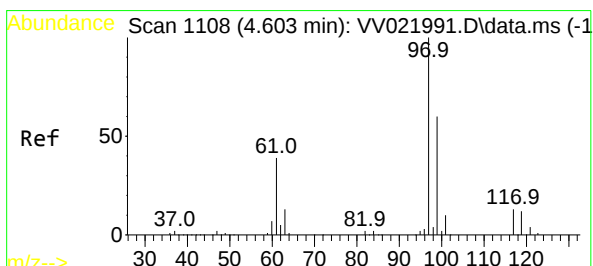
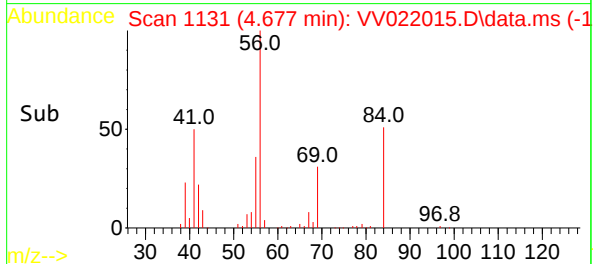
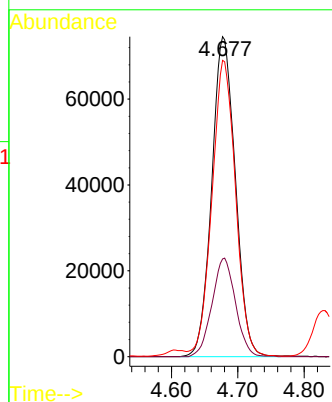
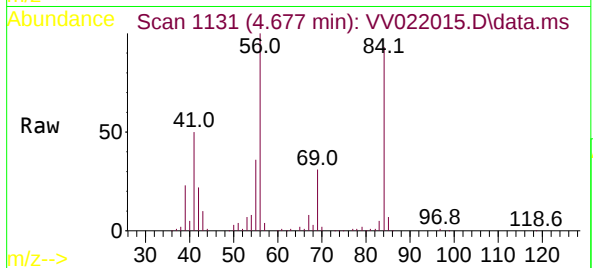
Delta R.T. 0.003 min

Lab File: VV022015.D

Acq: 30 Aug 2021 19:53

Tgt Ion:	56	Resp:	184053
Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.2	37.8
84	91.9	74.6	111.8

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 48.177 ug/L

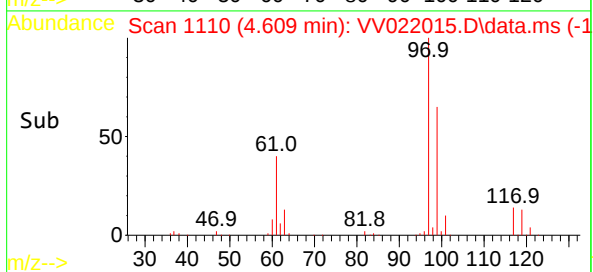
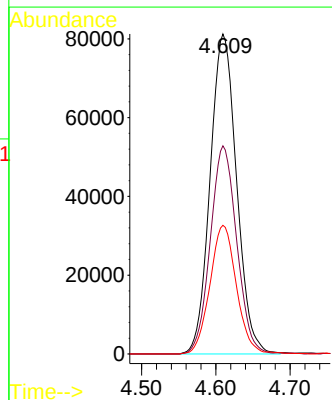
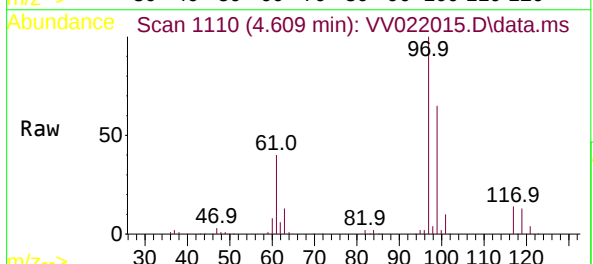
RT: 4.609 min Scan# 1110

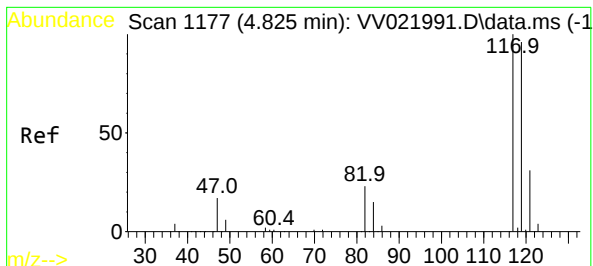
Delta R.T. 0.007 min

Lab File: VV022015.D

Acq: 30 Aug 2021 19:53

Tgt Ion:	97	Resp:	201320
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	40.0	31.8	47.8

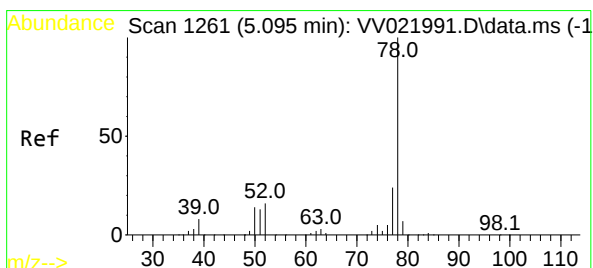
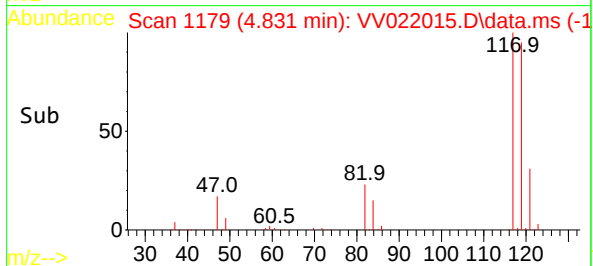
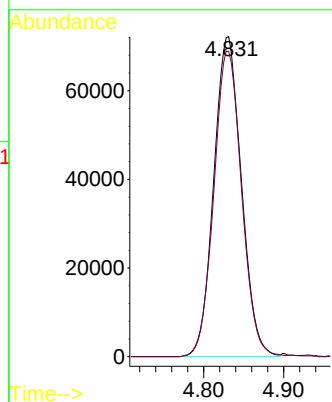
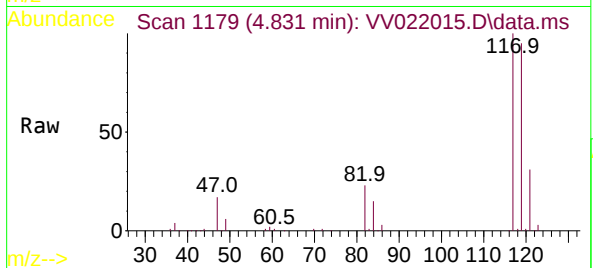




#31
Carbon tetrachloride
Concen: 48.155 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.007 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

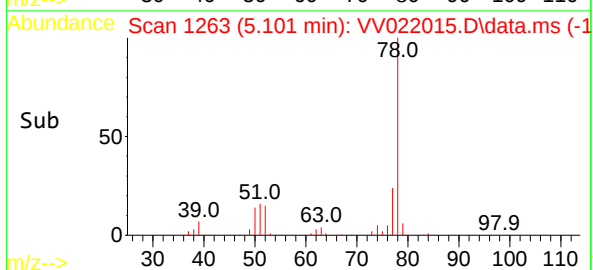
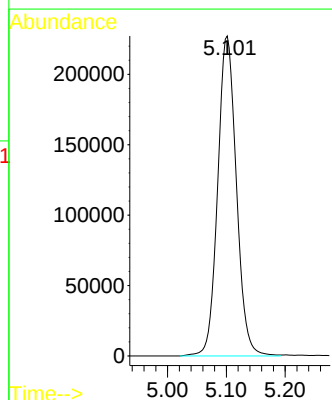
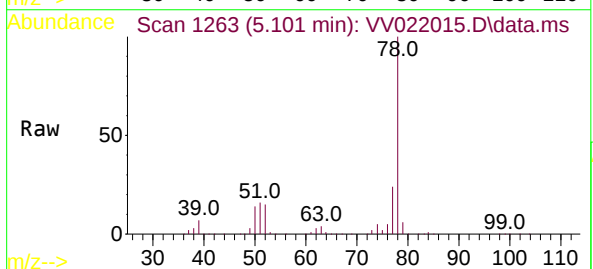
Instrument :
MSVOA_V
ClientSampleId :

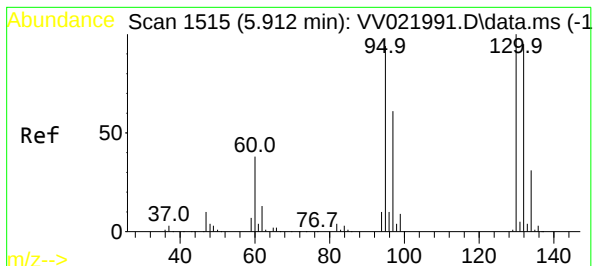
Tgt Ion:117 Resp: 172885
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#33
Benzene
Concen: 49.064 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 78 Resp: 501904





#34

Trichloroethene

Concen: 44.542 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV022015.D

Acq: 30 Aug 2021 19:53

Tgt Ion: 95 Resp: 129063

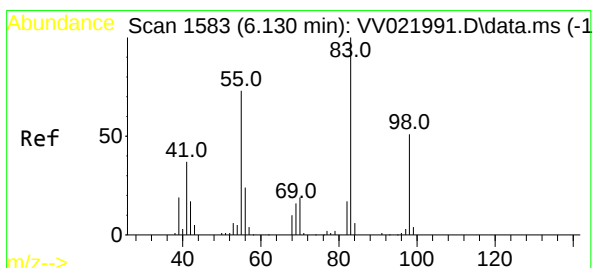
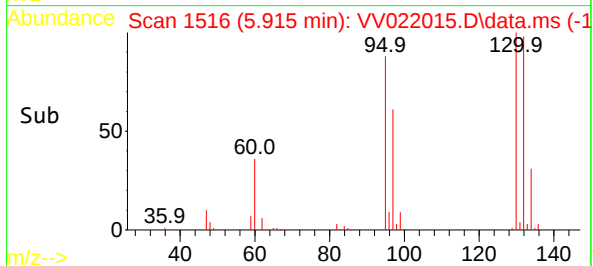
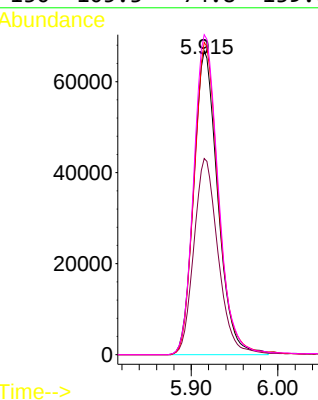
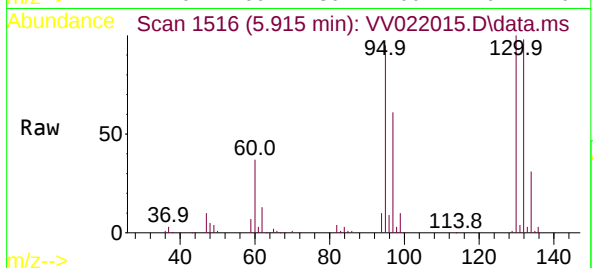
Ion Ratio Lower Upper

95 100

97 64.6 44.1 81.9

132 102.8 70.7 131.3

130 105.3 74.8 139.0



#35

Methylcyclohexane

Concen: 44.677 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV022015.D

Acq: 30 Aug 2021 19:53

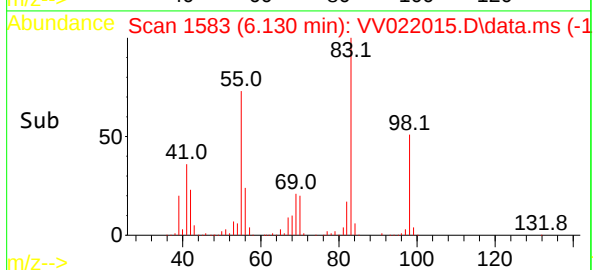
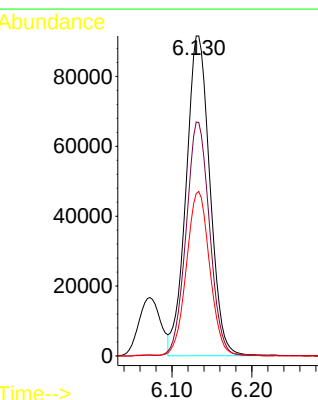
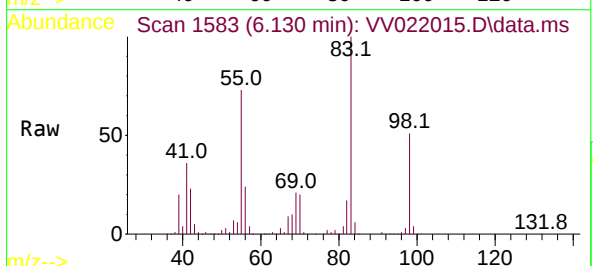
Tgt Ion: 83 Resp: 189252

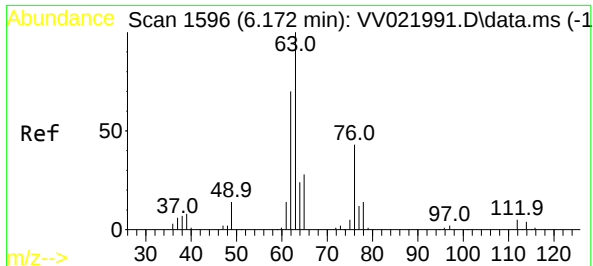
Ion Ratio Lower Upper

83 100

55 72.2 56.8 85.2

98 50.8 39.9 59.9

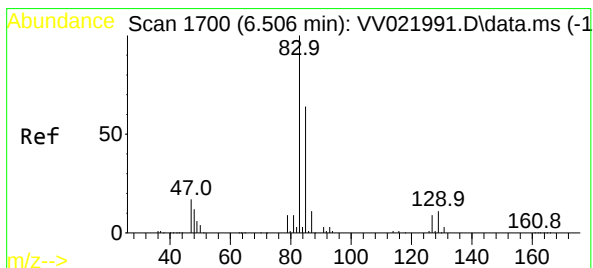
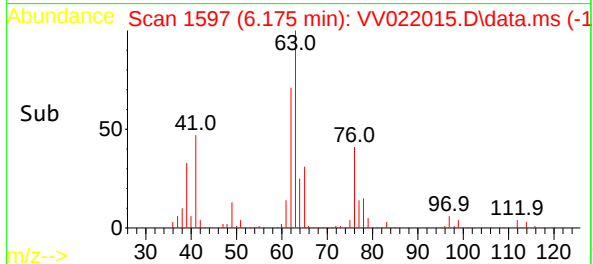
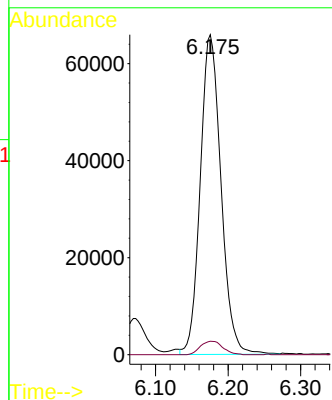
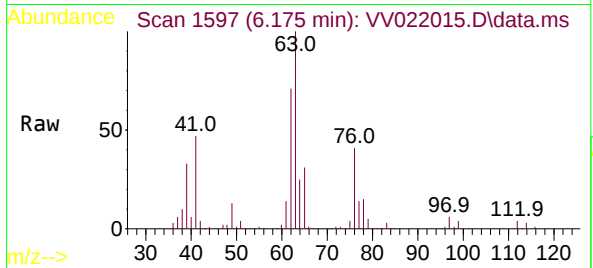




#37
1,2-Dichloropropane
Concen: 49.402 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

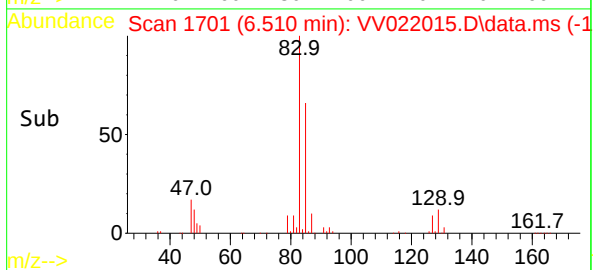
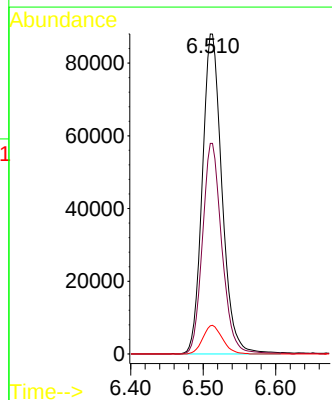
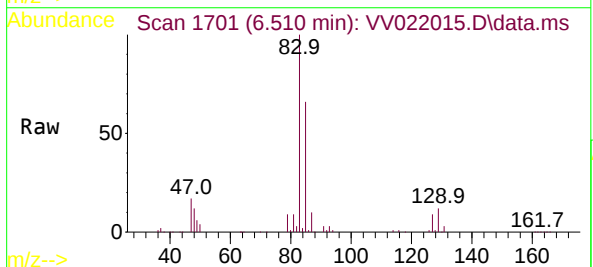
Instrument :
MSVOA_V
ClientSampleId :

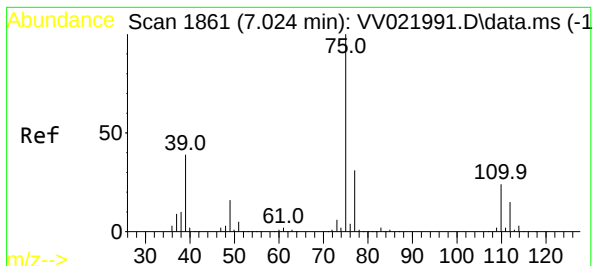
Tgt Ion: 63 Resp: 130999
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 48.899 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 83 Resp: 165819
Ion Ratio Lower Upper
83 100
85 65.8 44.8 83.2
127 8.8 7.3 10.9

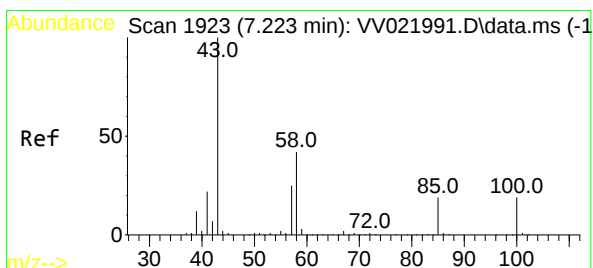
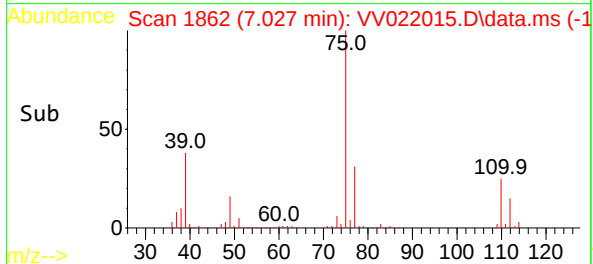
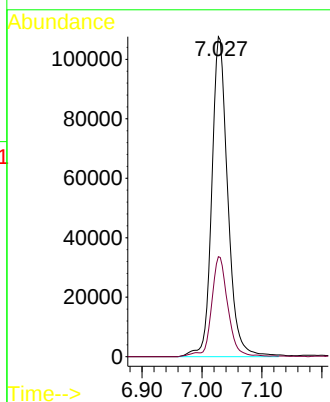
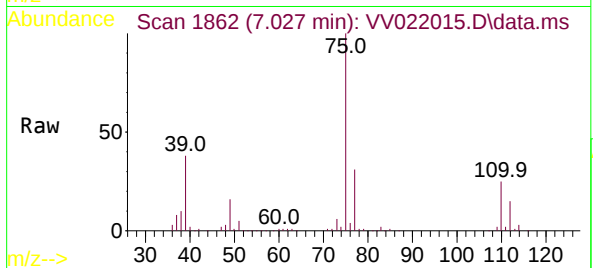




#39
 cis-1,3-Dichloropropene
 Concen: 48.766 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV022015.D
 Acq: 30 Aug 2021 19:53

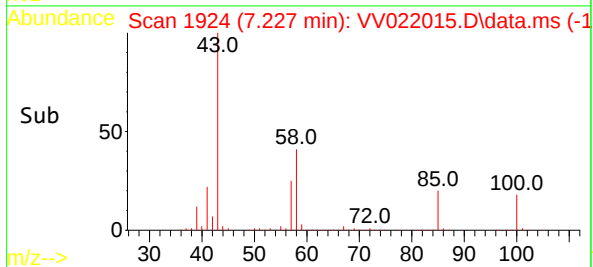
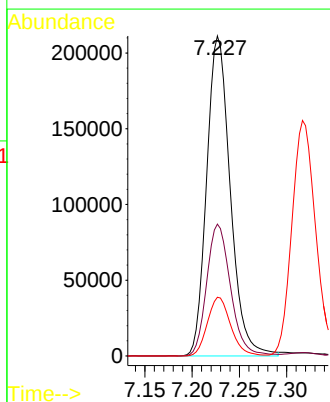
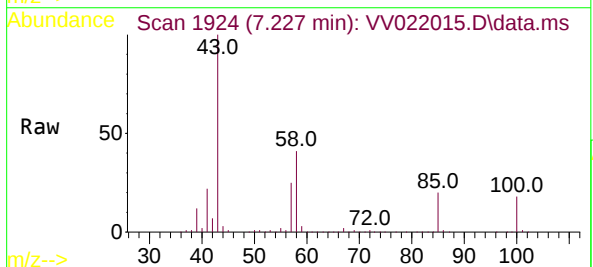
Instrument :
 MSVOA_V
 ClientSampled :

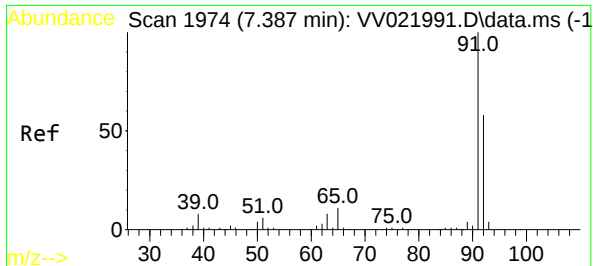
Tgt Ion: 75 Resp: 199645
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 102.205 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV022015.D
 Acq: 30 Aug 2021 19:53

Tgt Ion: 43 Resp: 367415
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.3 49.9
 100 18.1 14.5 21.7

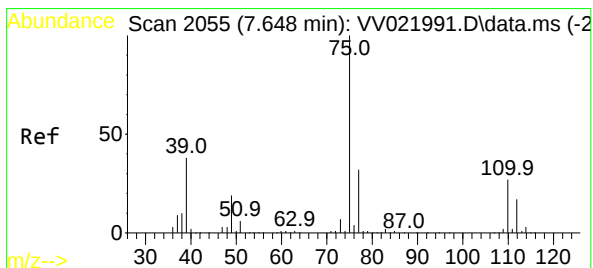
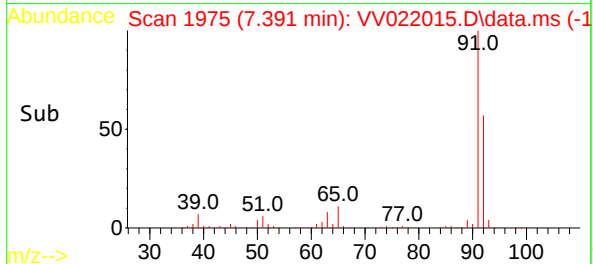
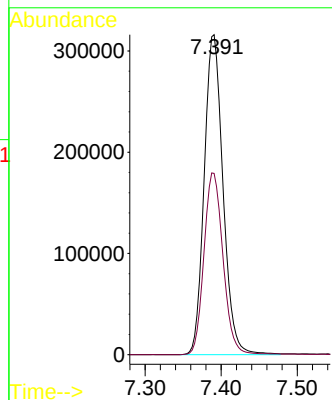
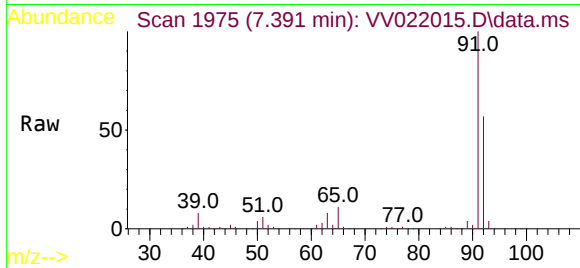




#42
Toluene
Concen: 49.334 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

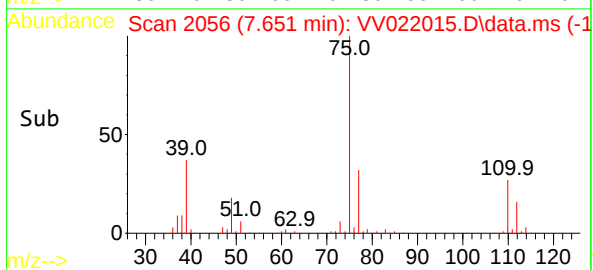
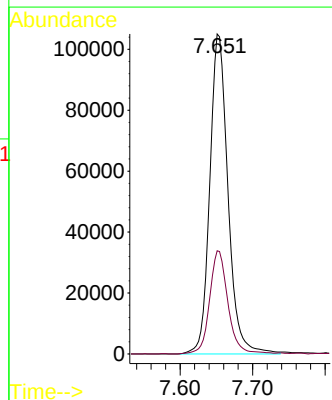
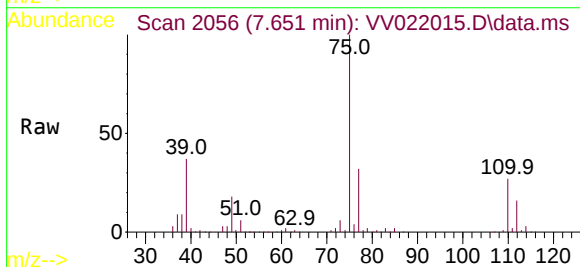
Instrument :
MSVOA_V
ClientSampled :

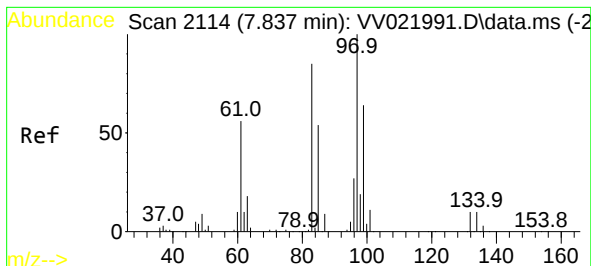
Tgt Ion: 91 Resp: 544681
Ion Ratio Lower Upper
91 100
92 56.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 48.063 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 75 Resp: 183134
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.6



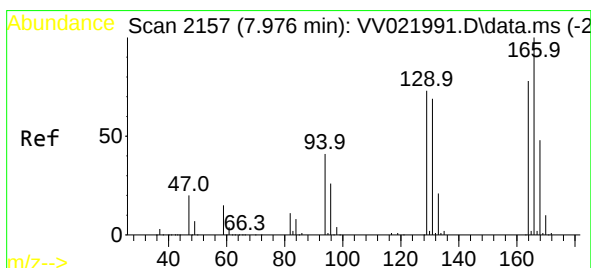
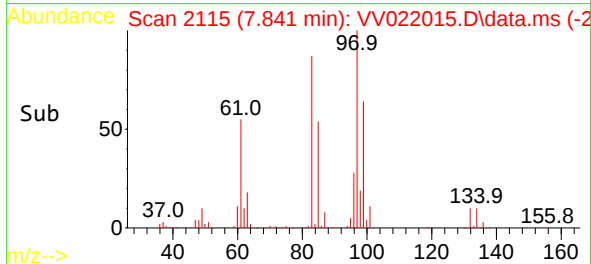
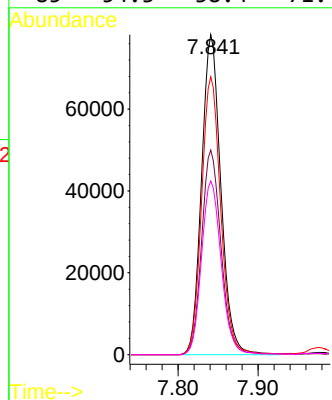
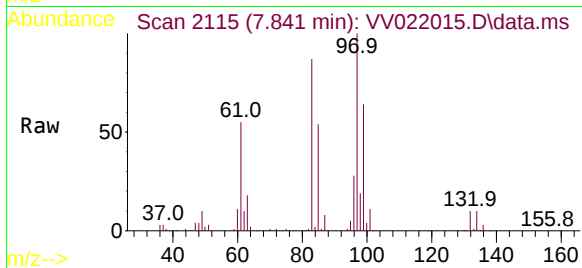


#45
1,1,2-Trichloroethane
Concen: 48.699 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 131391

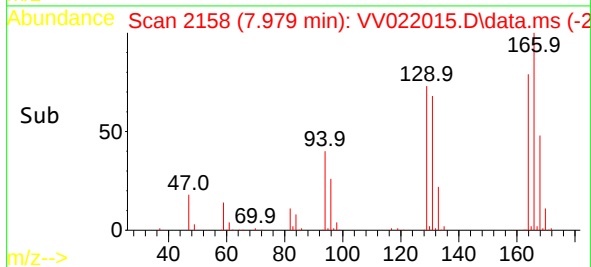
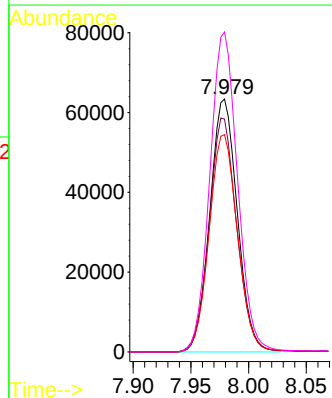
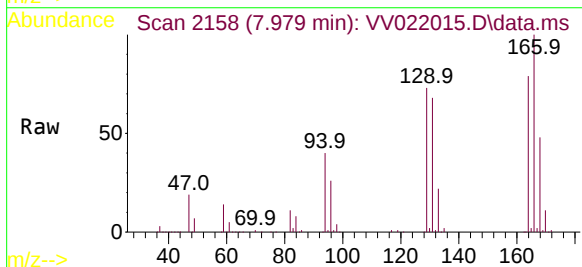
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.8	81.4
83	86.8	58.8	109.2
85	54.3	38.4	71.4

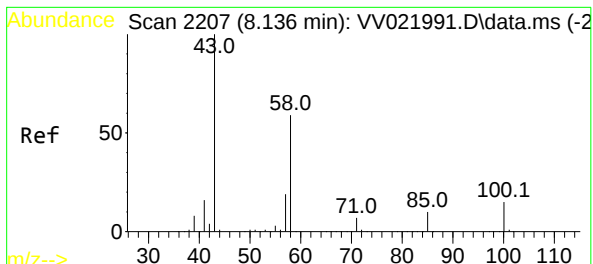


#46
Tetrachloroethene
Concen: 46.707 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 164 Resp: 105235

Ion	Ratio	Lower	Upper
164	100		
129	92.0	62.9	116.9
131	85.9	61.0	113.4
166	126.5	90.6	168.3



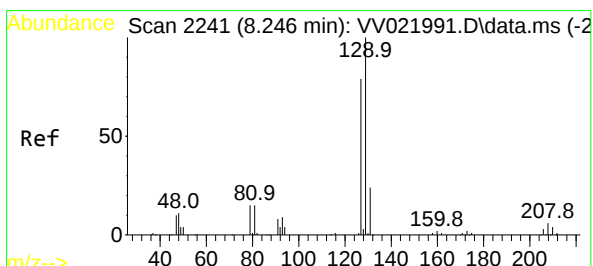
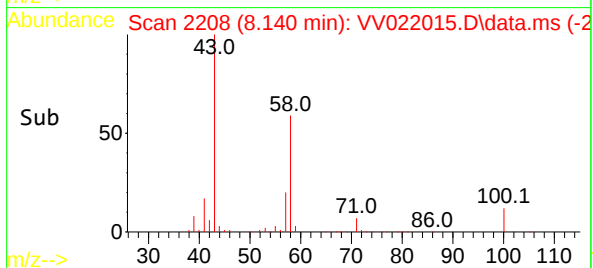
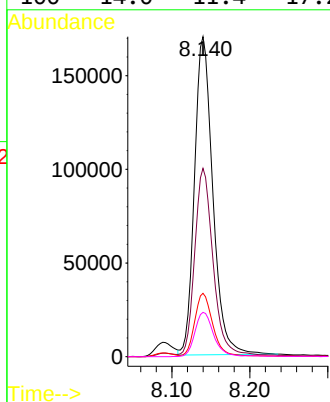
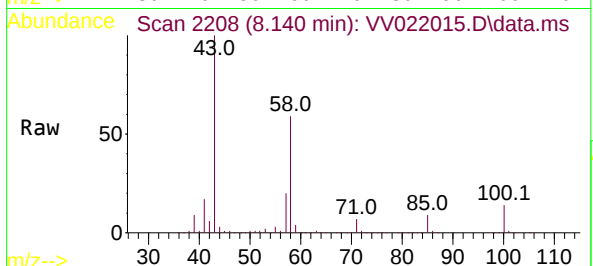


#48
2-Hexanone
Concen: 99.710 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 278116

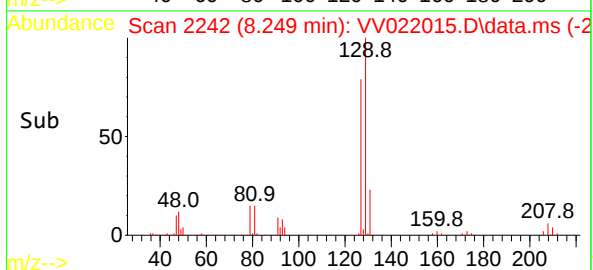
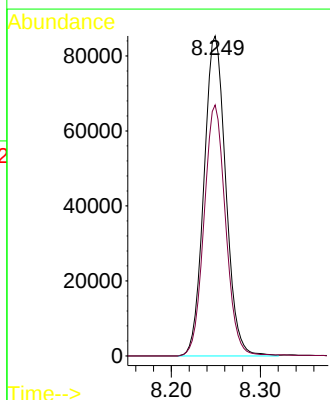
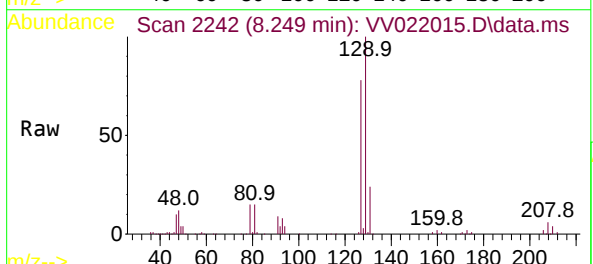
Ion	Ratio	Lower	Upper
43	100		
58	59.1	47.5	71.3
57	19.2	15.9	23.9
100	14.0	11.4	17.2

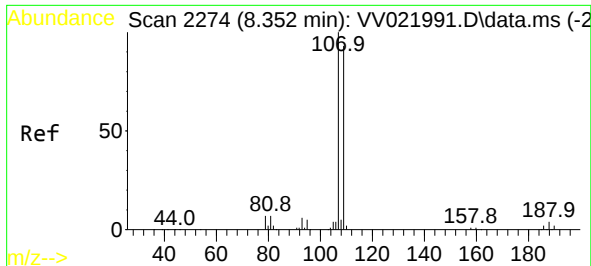


#49
Dibromochloromethane
Concen: 50.240 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 129 Resp: 145094

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.1	100.5





#50

1,2-Dibromoethane

Concen: 49.608 ug/L

RT: 8.355 min Scan# 2275

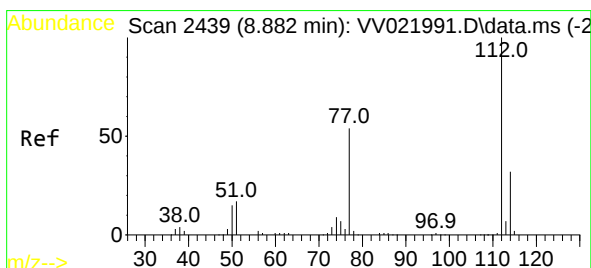
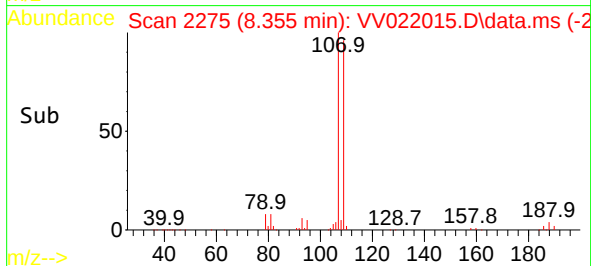
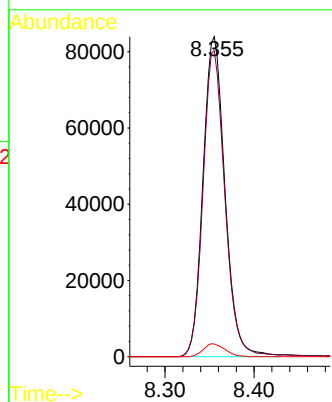
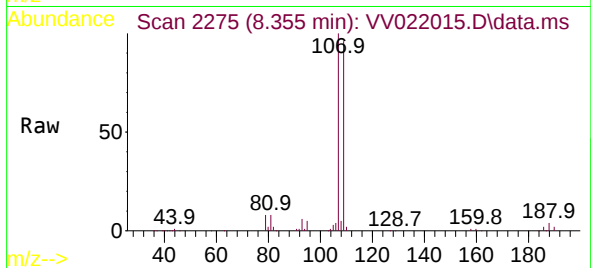
Delta R.T. 0.003 min

Lab File: VV022015.D

Acq: 30 Aug 2021 19:53

Tgt Ion:	107	Resp:	143646
Ion	Ratio	Lower	Upper
107	100		
109	95.6	65.5	121.6
188	3.9	3.2	4.8

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 48.324 ug/L

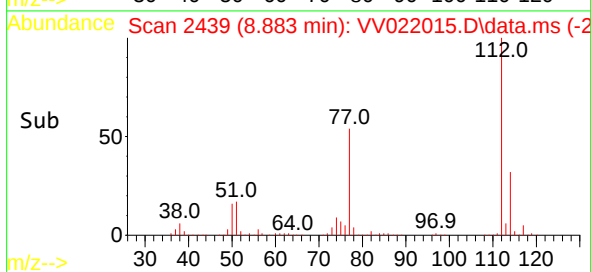
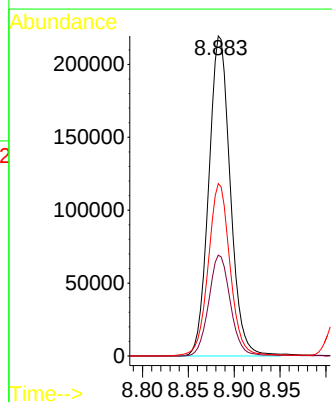
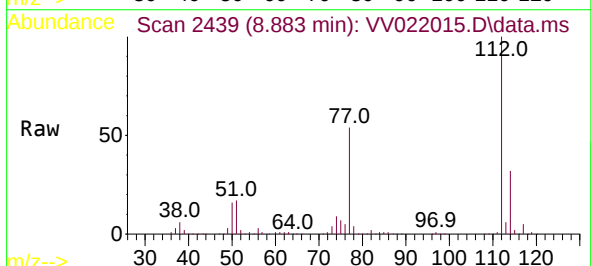
RT: 8.883 min Scan# 2439

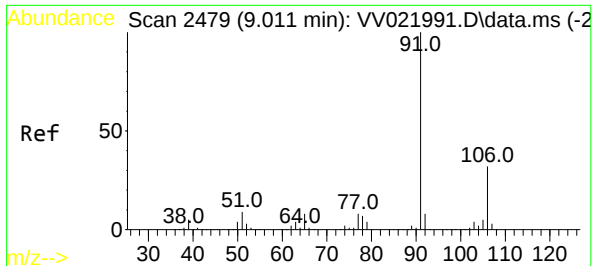
Delta R.T. 0.000 min

Lab File: VV022015.D

Acq: 30 Aug 2021 19:53

Tgt Ion:	112	Resp:	358711
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.0	41.0
77	53.8	43.2	64.8

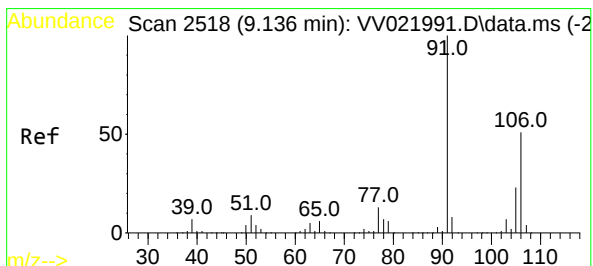
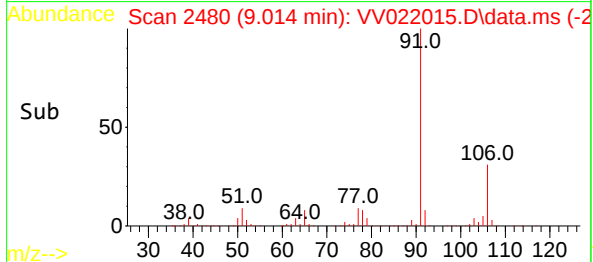
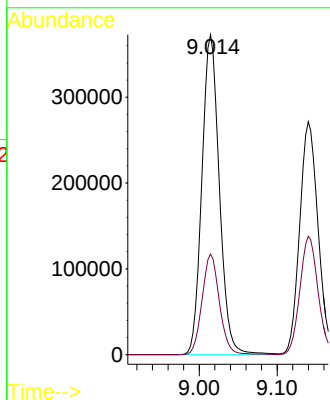
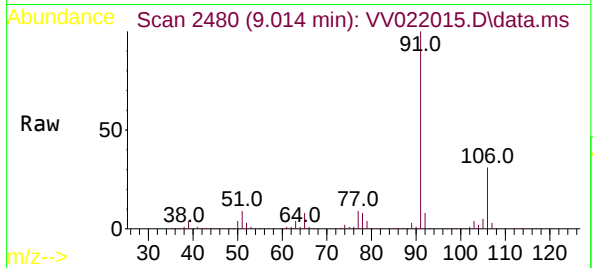




#52
Ethylbenzene
Concen: 48.646 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

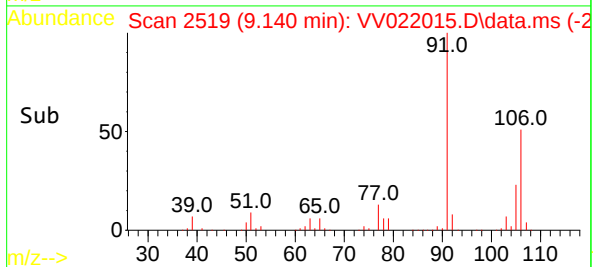
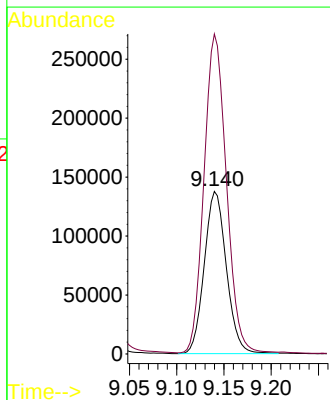
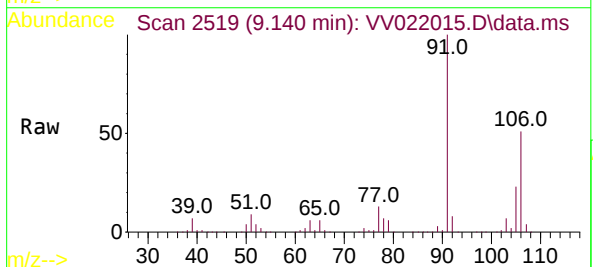
Tgt Ion: 91 Resp: 581398
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3

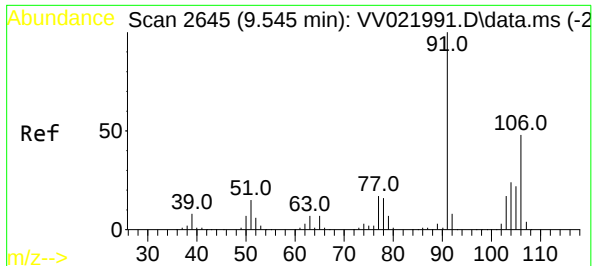
Instrument :
MSVOA_V
ClientSampled :



#53
m,p-Xylene
Concen: 48.164 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 106 Resp: 223742
Ion Ratio Lower Upper
106 100
91 196.8 139.1 258.3

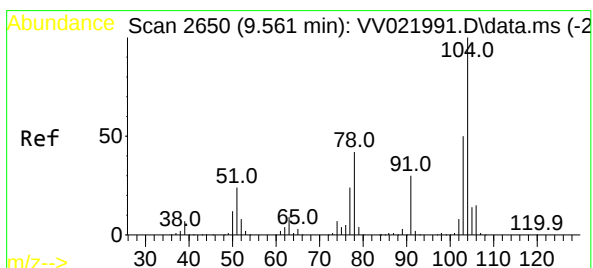
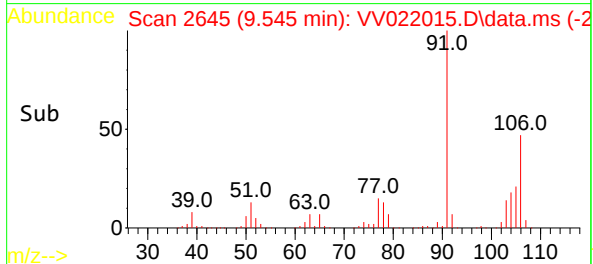
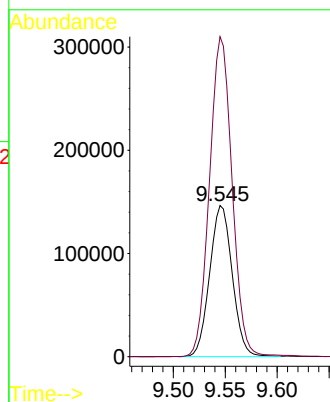
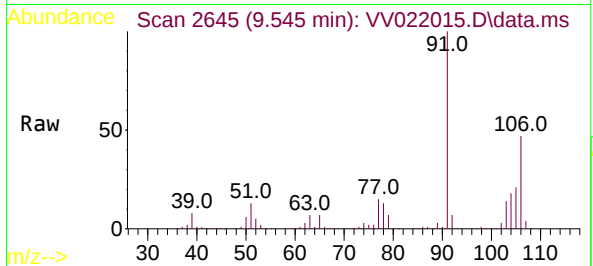




#54
o-Xylene
Concen: 48.233 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

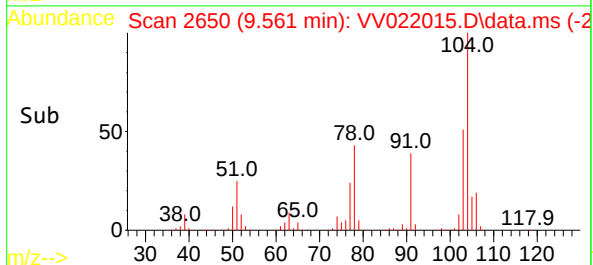
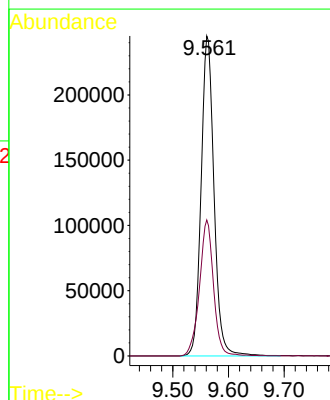
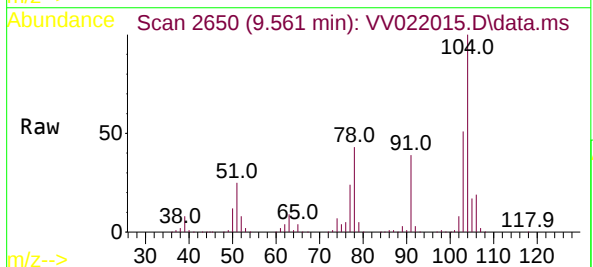
Instrument :
MSVOA_V
ClientSampleId :

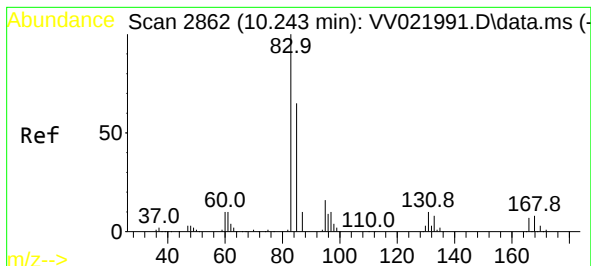
Tgt Ion:106 Resp: 221697
Ion Ratio Lower Upper
106 100
91 211.6 150.1 278.9



#55
Styrene
Concen: 50.392 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion:104 Resp: 395277
Ion Ratio Lower Upper
104 100
78 42.5 28.6 53.2



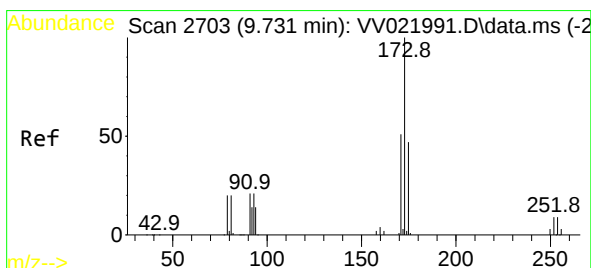
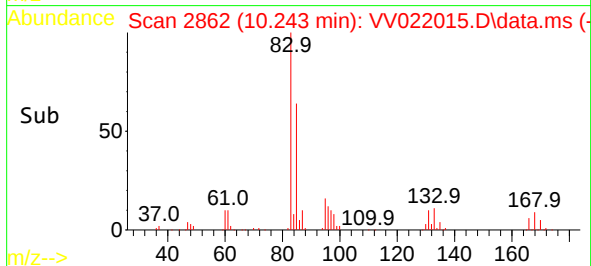
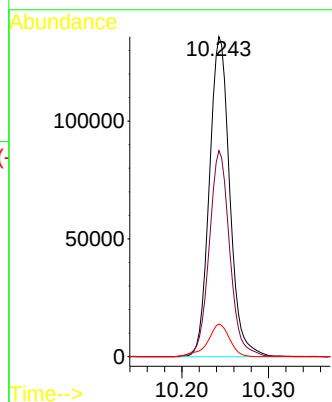
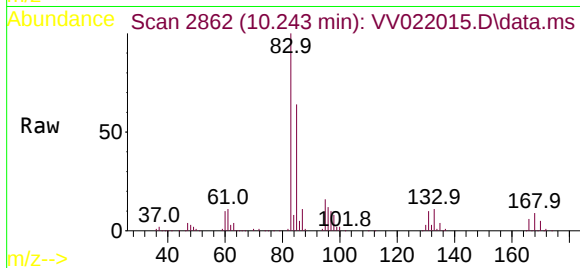


#57
1,1,2,2-Tetrachloroethane
Concen: 56.763 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 221895

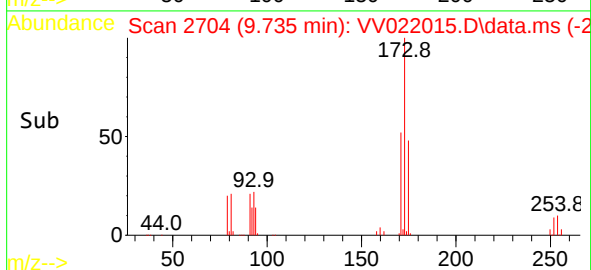
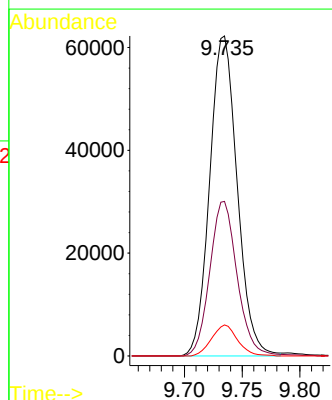
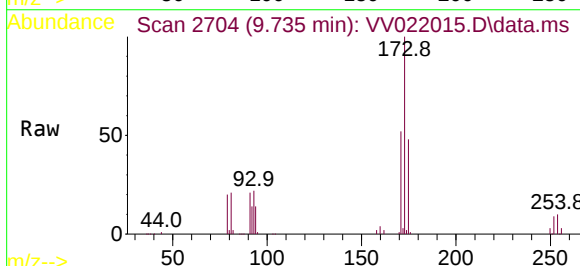
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.7	83.1
131	10.2	8.2	12.2

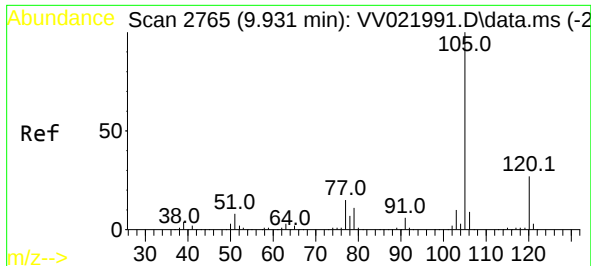


#59
Bromoform
Concen: 49.364 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 173 Resp: 102944

Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.8	58.2
254	9.2	7.0	10.4

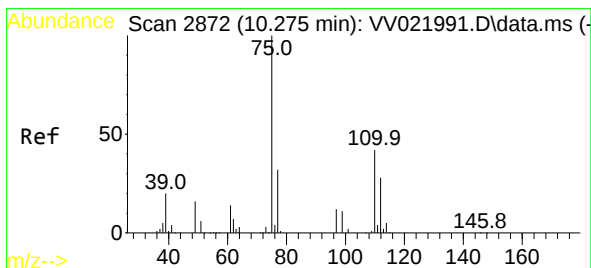
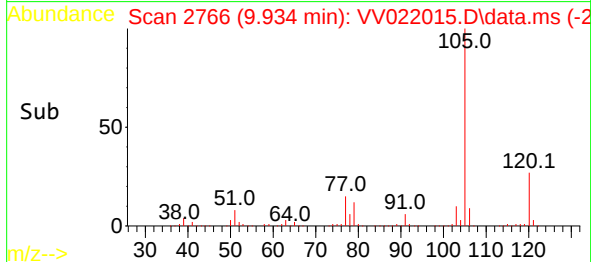
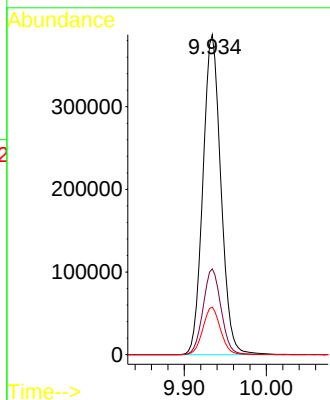
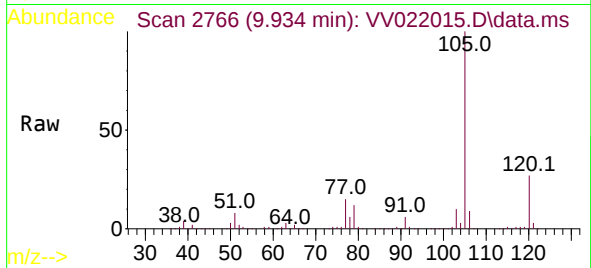




#60
Isopropylbenzene
Concen: 47.673 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

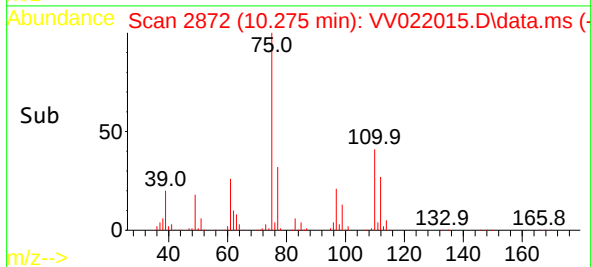
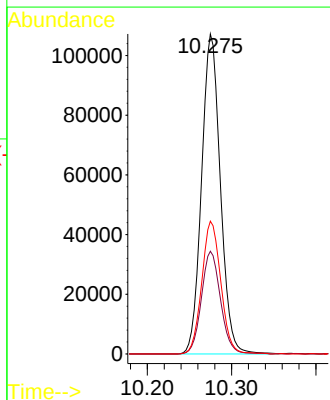
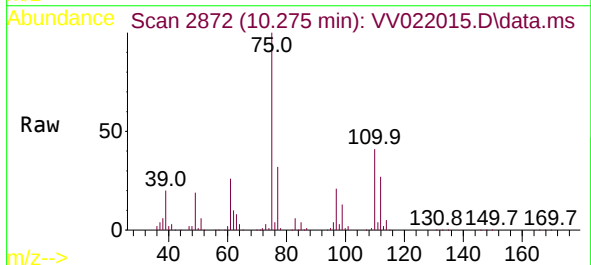
Instrument :
MSVOA_V
ClientSampleId :

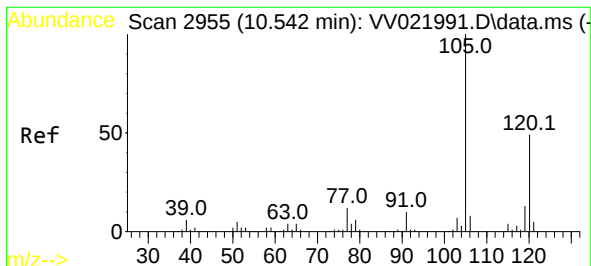
Tgt Ion:105 Resp: 588173
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.6 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 48.986 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 75 Resp: 166698
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 41.8 33.8 50.6

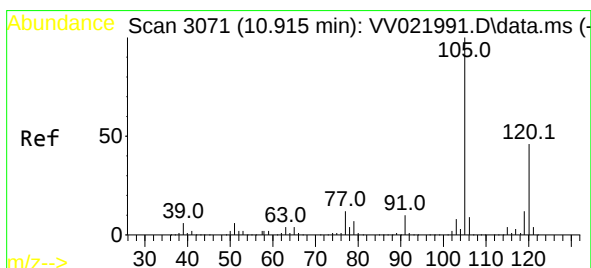
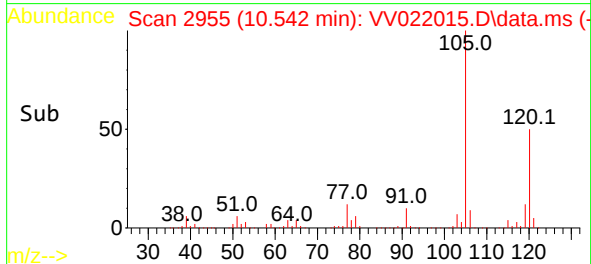
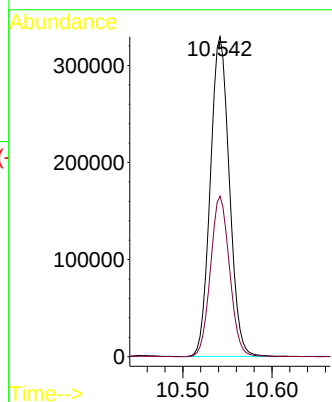
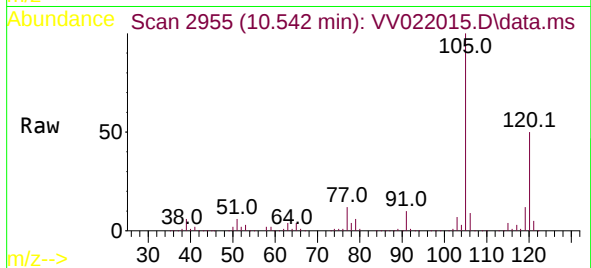




#62
1,3,5-Trimethylbenzene
Concen: 47.218 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

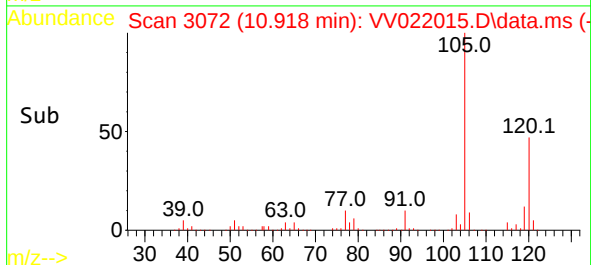
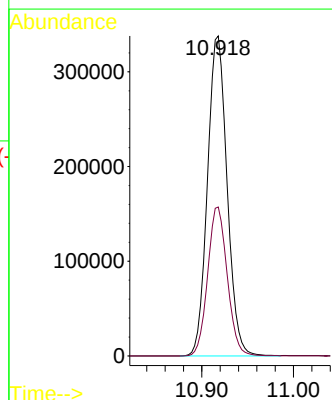
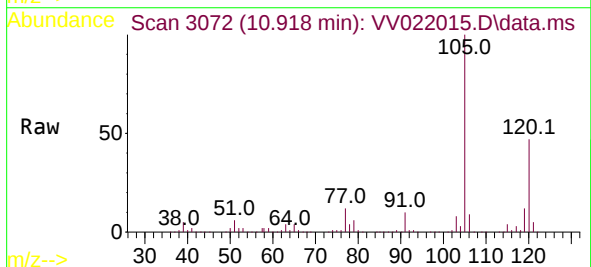
Tgt Ion:105 Resp: 489075
Ion Ratio Lower Upper
105 100
120 50.2 39.6 59.4

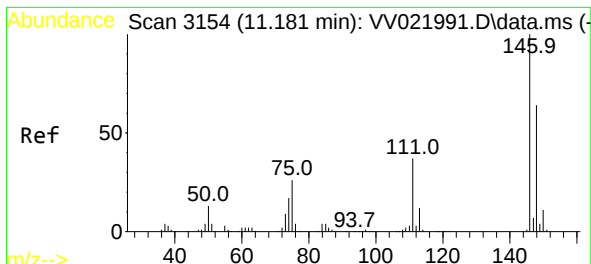
Instrument :
MSVOA_V
ClientSampleId :



#63
1,2,4-Trimethylbenzene
Concen: 47.682 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion:105 Resp: 501999
Ion Ratio Lower Upper
105 100
120 46.5 37.4 56.0

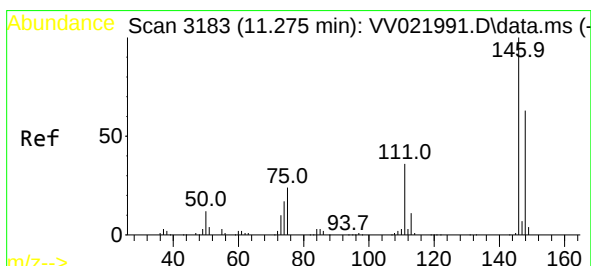
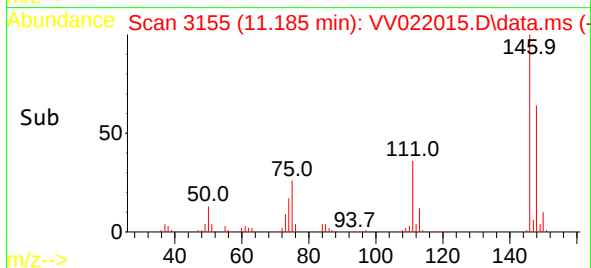
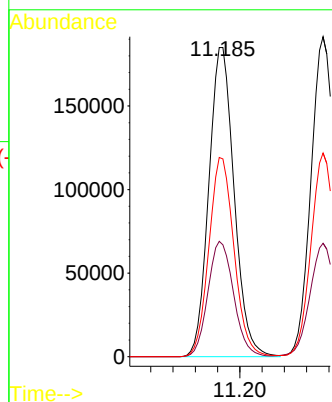
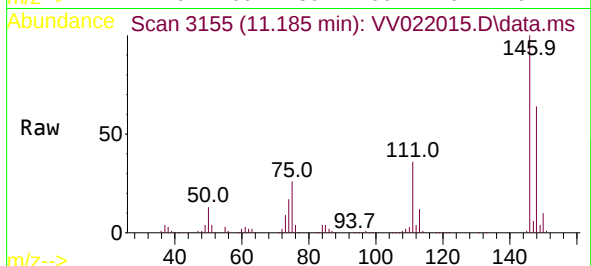




#64
1,3-Dichlorobenzene
Concen: 46.623 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

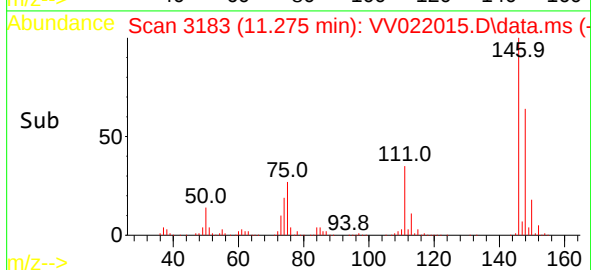
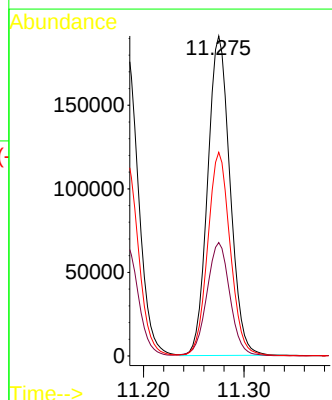
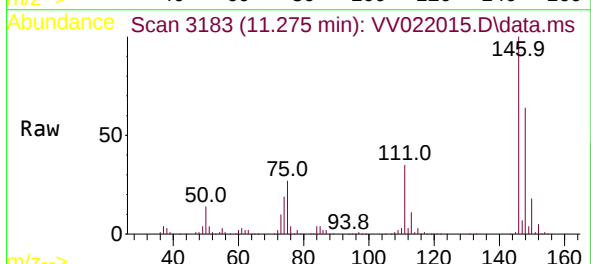
Instrument :
MSVOA_V
ClientSampled :

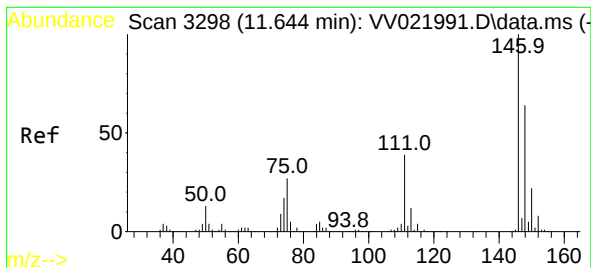
Tgt Ion:146 Resp: 292052
Ion Ratio Lower Upper
146 100
111 36.2 26.9 50.1
148 64.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 46.049 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion:146 Resp: 295170
Ion Ratio Lower Upper
146 100
111 35.4 25.3 46.9
148 63.7 44.4 82.5

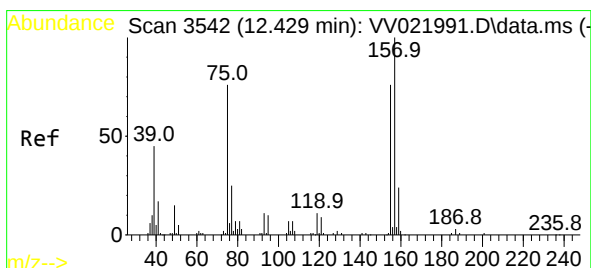
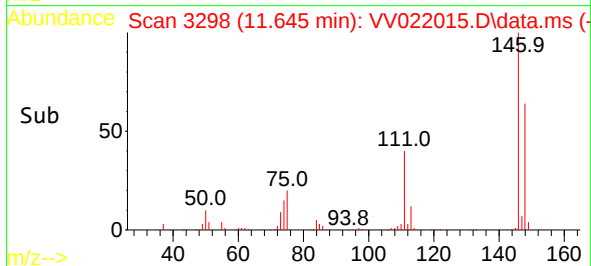
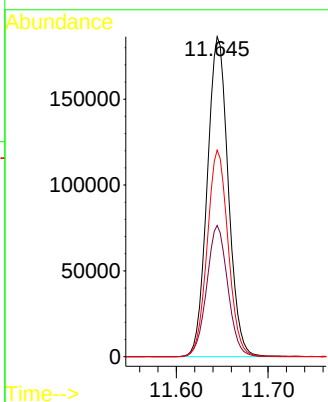
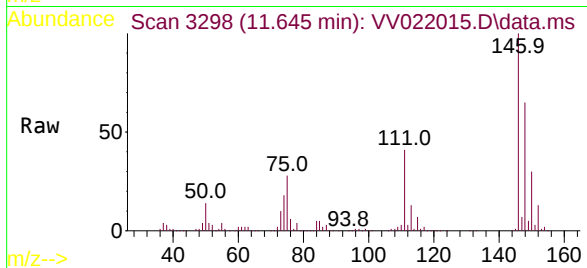




#67
1,2-Dichlorobenzene
Concen: 47.669 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

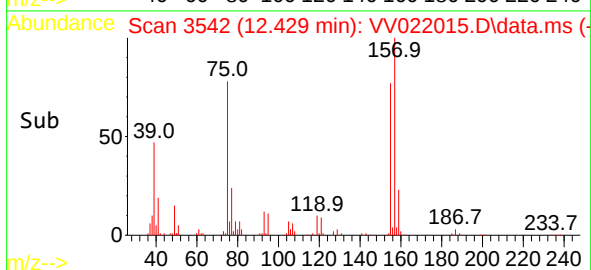
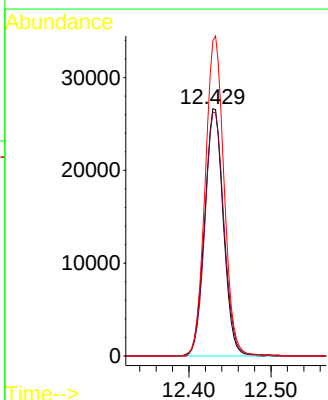
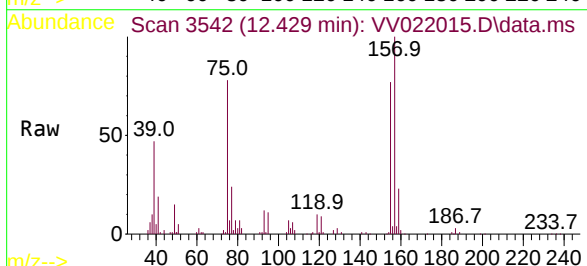
Instrument :
MSVOA_V
ClientSampleId :

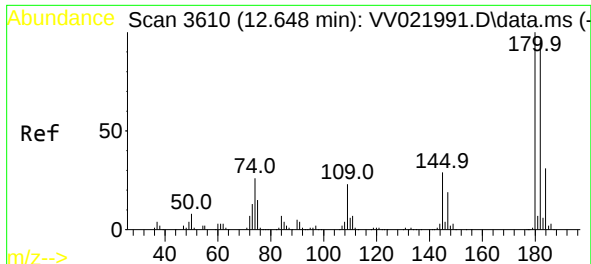
Tgt Ion:146 Resp: 296496
Ion Ratio Lower Upper
146 100
111 41.0 31.6 47.4
148 64.5 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 51.634 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion: 75 Resp: 42347
Ion Ratio Lower Upper
75 100
155 98.6 79.8 119.6
157 127.4 98.3 147.5

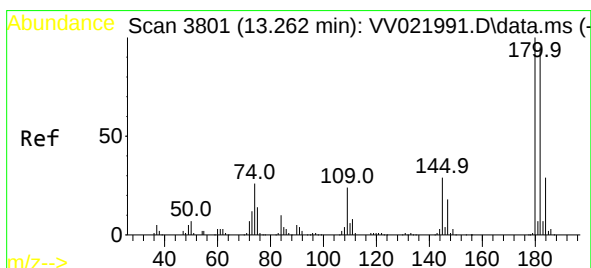
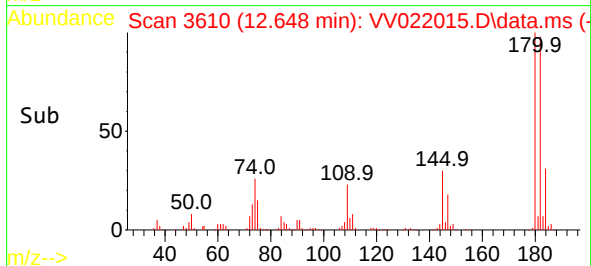
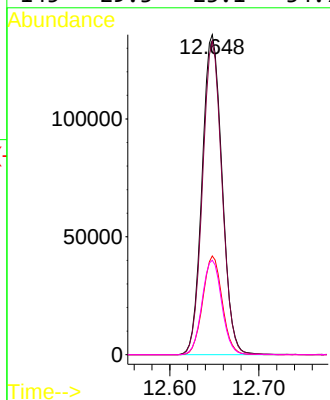
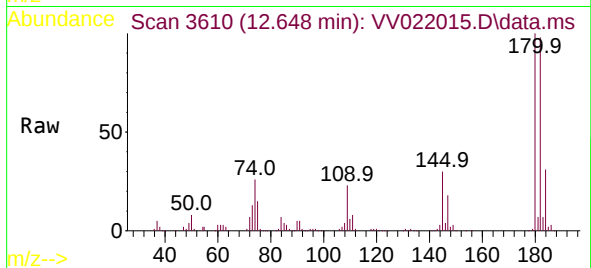




#69
1,3,5-Trichlorobenzene
Concen: 45.050 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

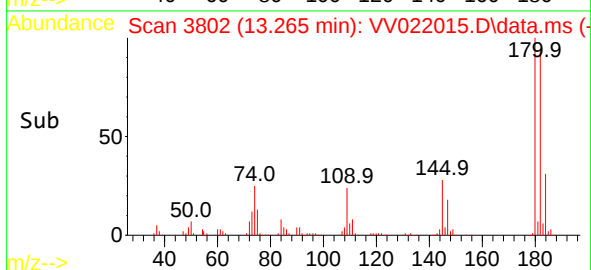
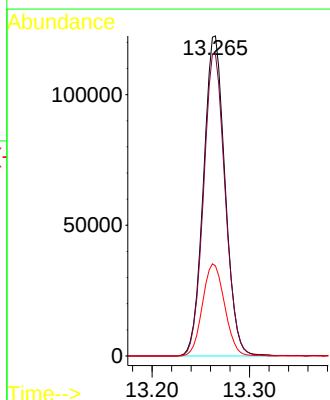
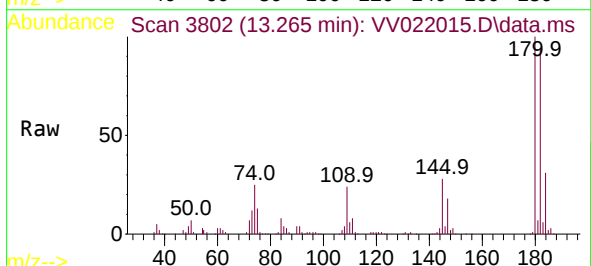
Instrument :
MSVOA_V
ClientSampleId :

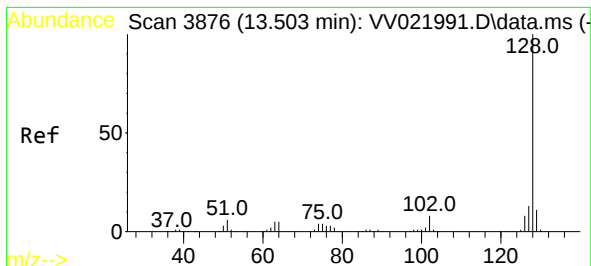
Tgt Ion:180 Resp: 211013
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
184 30.0 24.0 36.0
145 29.3 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 45.689 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion:180 Resp: 188259
Ion Ratio Lower Upper
180 100
182 94.8 75.9 113.9
145 29.5 23.8 35.6

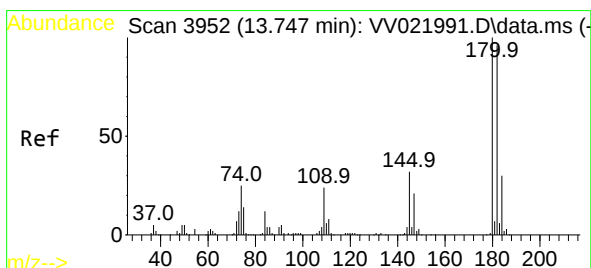
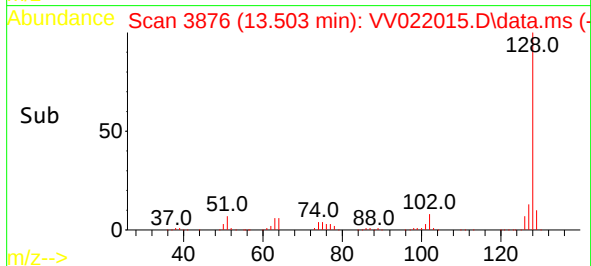
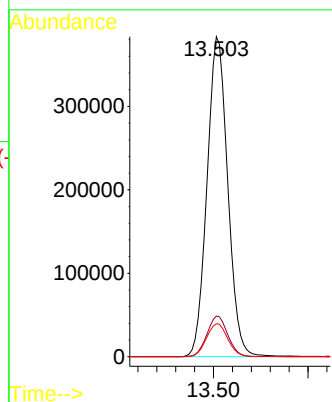
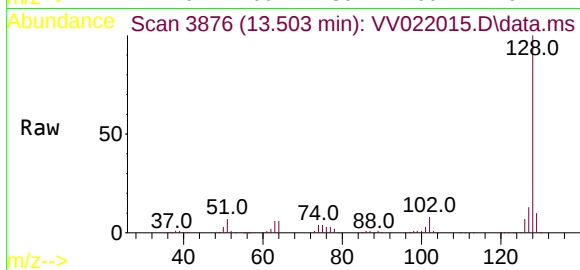




#71
Naphthalene
Concen: 49.243 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 583666
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.833 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV022015.D
Acq: 30 Aug 2021 19:53

Tgt Ion:180 Resp: 192238
Ion Ratio Lower Upper
180 100
182 95.7 76.3 114.5
145 31.8 25.4 38.0

