

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV021996.D
 Acq On : 30 Aug 2021 11:48
 Operator : SY/MD
 Sample : M3573-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:36:59 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	367818	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	352508	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	192337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	110008	43.188	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.380%
7) Chloroethane-d5	1.561	69	91353	45.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.860%
11) 1,1-Dichloroethene-d2	2.108	63	193294	45.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.760%
21) 2-Butanone-d5	3.876	46	179716	102.877	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.880%
24) Chloroform-d	4.352	84	223384	48.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.034	65	132579	48.462	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.920%
32) Benzene-d6	5.053	84	455018	47.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
36) 1,2-Dichloropropane-d6	6.072	67	141438	47.038	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.080%
41) Toluene-d8	7.320	98	426610	47.267	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.540%
43) trans-1,3-Dichloroprop...	7.625	79	67130	46.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.820%
47) 2-Hexanone-d5	8.088	63	127188	110.241	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.240%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	202712	52.639	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.280%
66) 1,2-Dichlorobenzene-d4	11.625	152	176569	46.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	115015	45.491	ug/L	99
3) Chloromethane	1.240	50	122509	45.760	ug/L	98
5) Vinyl chloride	1.307	62	127422	47.221	ug/L	99
6) Bromomethane	1.513	94	80993	49.923	ug/L	97
8) Chloroethane	1.580	64	80784	47.856	ug/L	100
9) Trichlorofluoromethane	1.751	101	184845	48.103	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	104002	46.144	ug/L	99
12) 1,1-Dichloroethene	2.117	96	101368	47.778	ug/L	87
13) Acetone	2.159	43	114642	78.324	ug/L #	74
14) Carbon disulfide	2.291	76	309068	48.278	ug/L	99
15) Methyl Acetate	2.426	43	145272	50.965	ug/L	98
16) Methylene chloride	2.506	84	135493	47.666	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	125550	48.942	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	399631	49.024	ug/L	100
19) 1,1-Dichloroethane	3.191	63	226030	49.471	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	140855	49.334	ug/L	100
22) 2-Butanone	3.960	43	190164	92.428	ug/L	100
23) Bromochloromethane	4.252	128	75615	49.729	ug/L	98
25) Chloroform	4.378	83	237658	49.138	ug/L	98

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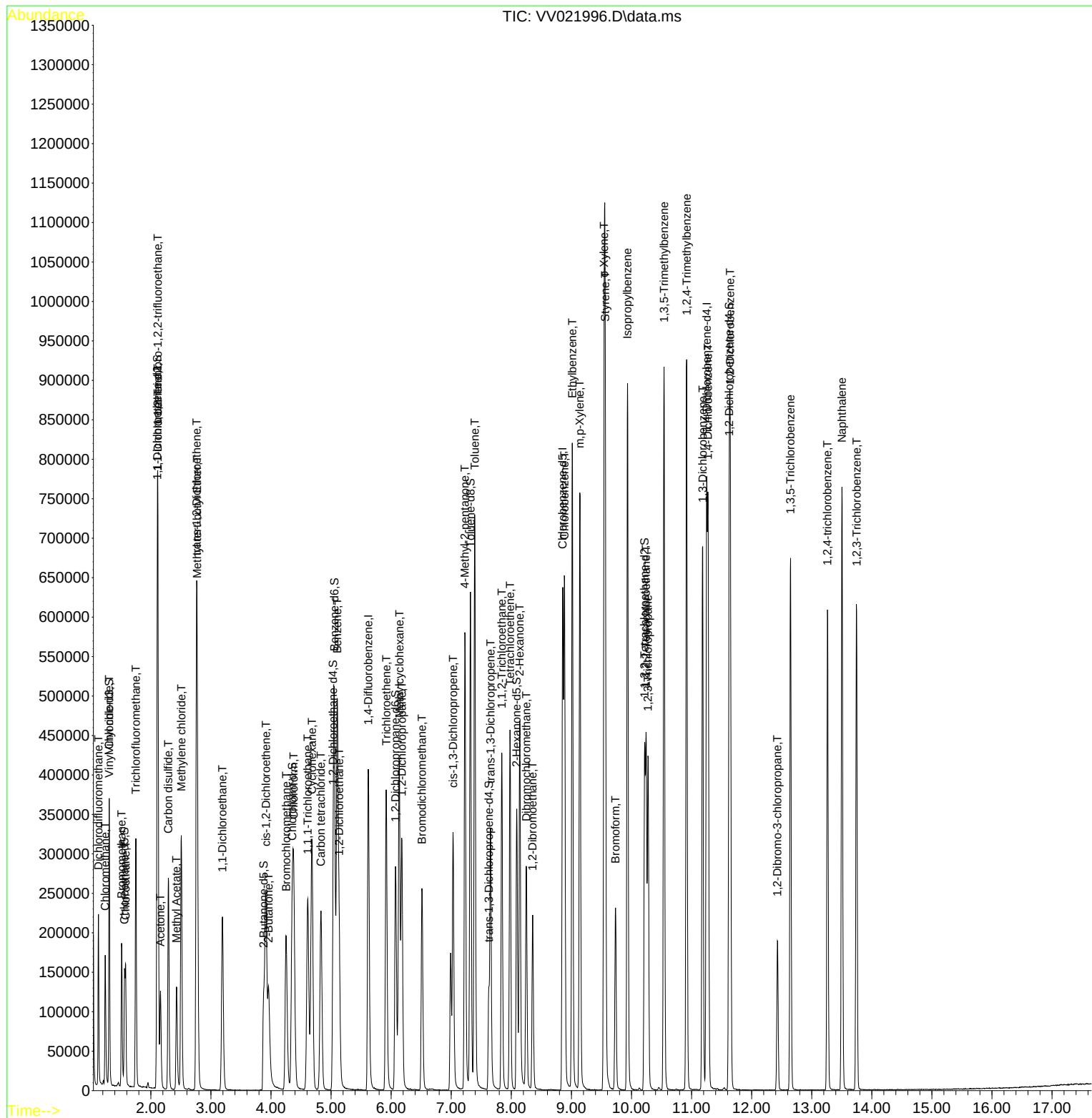
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	164511	50.743	ug/L	99
29) Cyclohexane	4.680	56	182419	46.293	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	203027	48.460	ug/L	99
31) Carbon tetrachloride	4.831	117	175903	48.869	ug/L	99
33) Benzene	5.101	78	502608	49.006	ug/L	100
34) Trichloroethene	5.918	95	134200	46.195	ug/L	98
35) Methylcyclohexane	6.137	83	186853	43.997	ug/L	99
37) 1,2-Dichloropropane	6.178	63	129798	48.823	ug/L	99
38) Bromodichloromethane	6.513	83	169409	49.829	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	203447	49.566	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	373650	103.671	ug/L	99
42) Toluene	7.391	91	547559	49.467	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	192682	50.439	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	132835	49.107	ug/L	98
46) Tetrachloroethene	7.979	164	104883	46.431	ug/L	99
48) 2-Hexanone	8.140	43	277593	99.266	ug/L	99
49) Dibromochloromethane	8.249	129	147191	50.834	ug/L	100
50) 1,2-Dibromoethane	8.355	107	145721	50.195	ug/L	99
51) Chlorobenzene	8.886	112	359380	48.289	ug/L	99
52) Ethylbenzene	9.014	91	579881	48.394	ug/L	99
53) m,p-Xylene	9.140	106	222274	47.725	ug/L	98
54) o-Xylene	9.545	106	226195	49.085	ug/L	99
55) Styrene	9.564	104	391108	49.732	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	213994	54.600	ug/L	99
59) Bromoform	9.734	173	107380	52.565	ug/L	99
60) Isopropylbenzene	9.934	105	590465	48.857	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	168467	50.538	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	486644	47.963	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	503653	48.837	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	295654	48.182	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	292939	46.654	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	296810	48.715	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	42834	53.316	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	211321	46.056	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	188925	46.807	ug/L	100
71) Naphthalene	13.503	128	602381	51.882	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	191263	48.583	ug/L	100

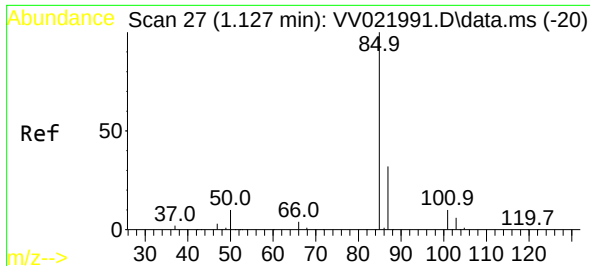
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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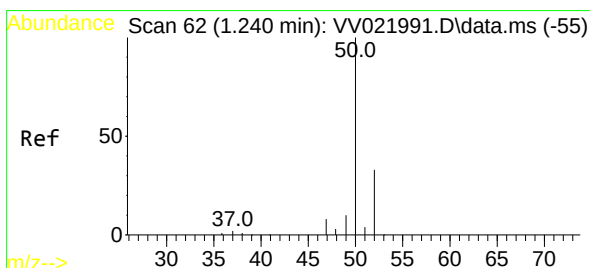
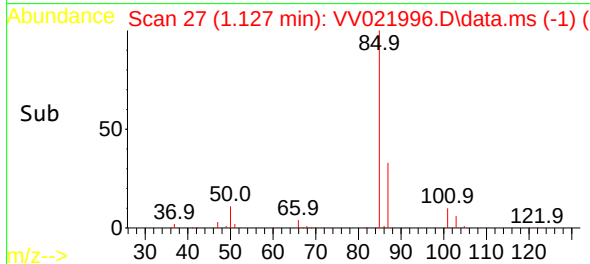
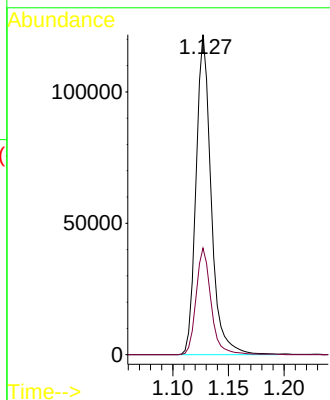
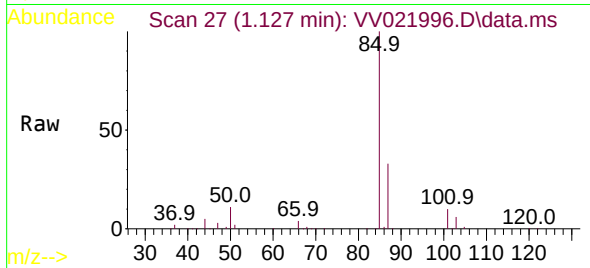




#2
 Dichlorodifluoromethane
 Concen: 45.491 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021996.D
 Acq: 30 Aug 2021 11:48

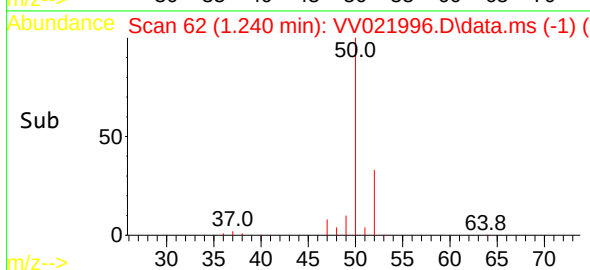
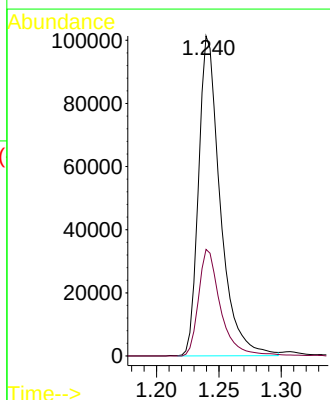
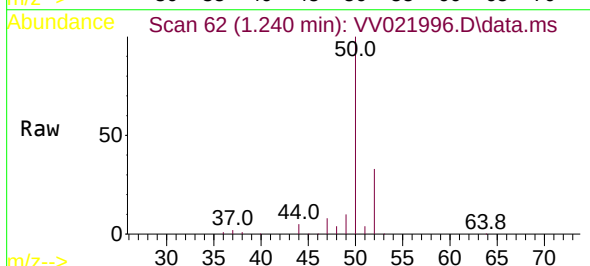
Instrument :
 MSVOA_V
 ClientSampled :

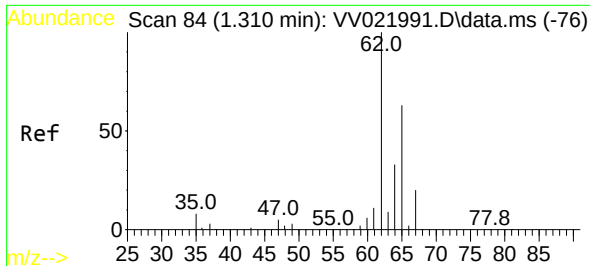
Tgt Ion: 85 Resp: 115015
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 45.760 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021996.D
 Acq: 30 Aug 2021 11:48

Tgt Ion: 50 Resp: 122509
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.5 41.9

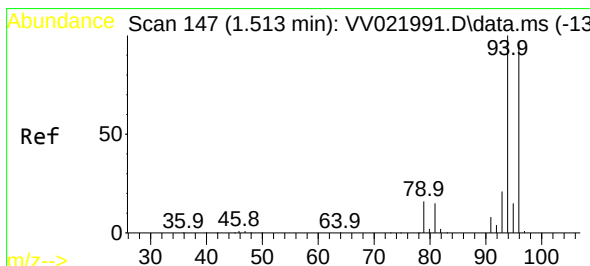
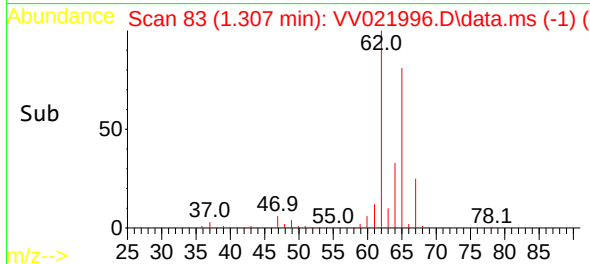
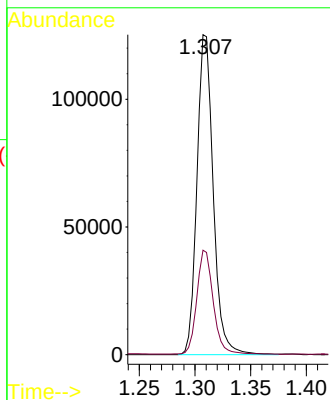
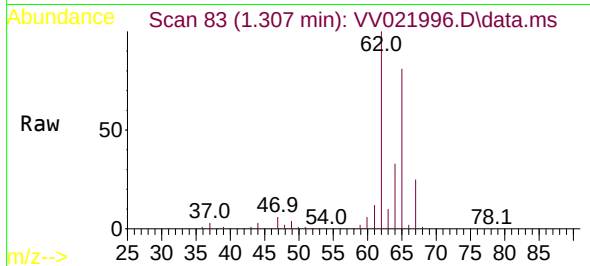




#5
 Vinyl chloride
 Concen: 47.221 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021996.D
 Acq: 30 Aug 2021 11:48

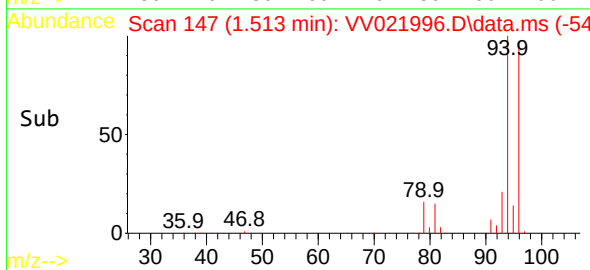
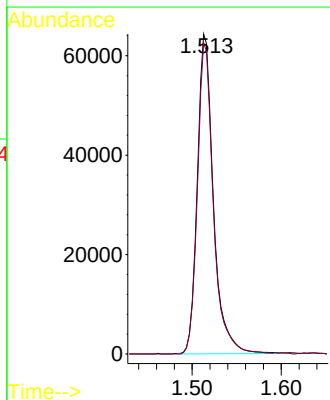
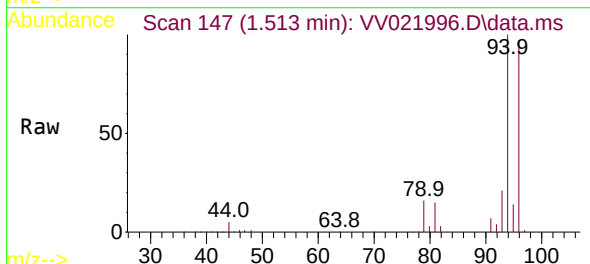
Instrument :
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 ClientSampled :

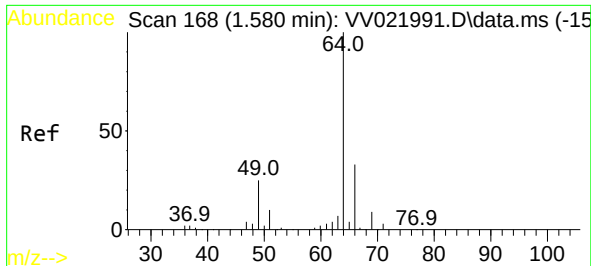
Tgt Ion: 62 Resp: 127422
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.6



#6
 Bromomethane
 Concen: 49.923 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV021996.D
 Acq: 30 Aug 2021 11:48

Tgt Ion: 94 Resp: 80993
 Ion Ratio Lower Upper
 94 100
 96 97.1 65.8 122.2

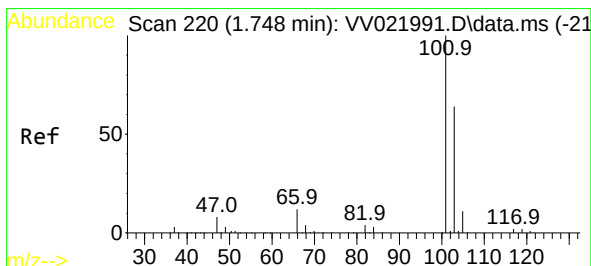
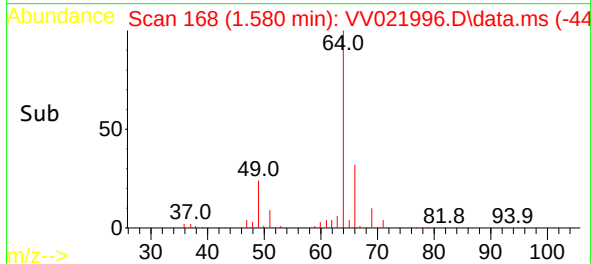
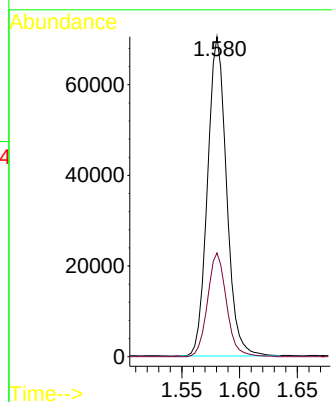
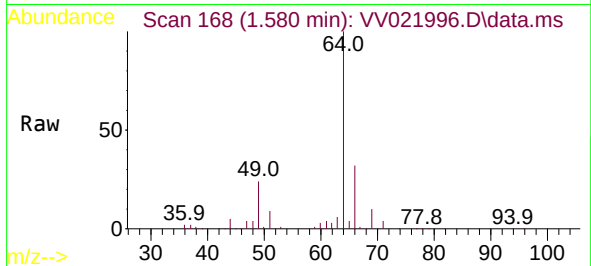




#8
Chloroethane
Concen: 47.856 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

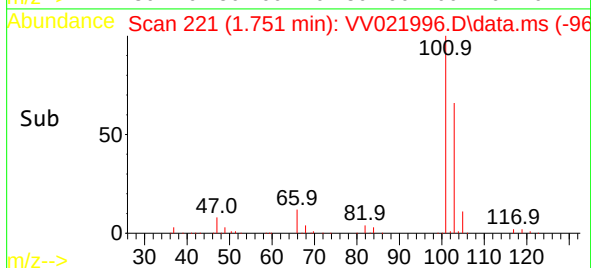
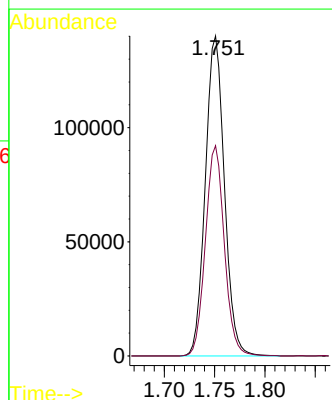
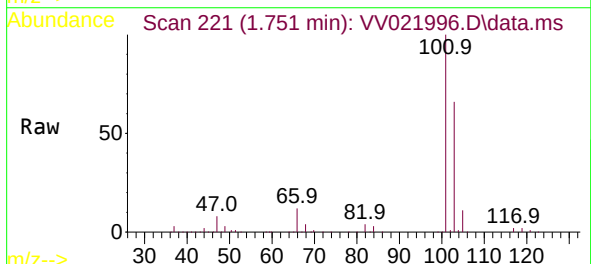
Instrument :
MSVOA_V
ClientSampled :

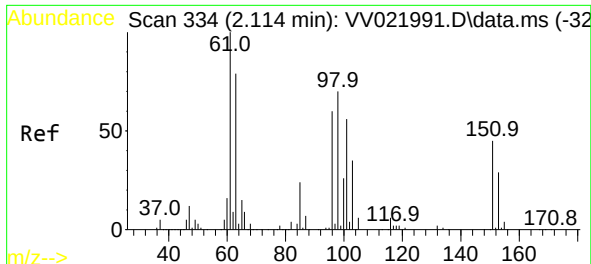
Tgt Ion: 64 Resp: 80784
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.3



#9
Trichlorofluoromethane
Concen: 48.103 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion:101 Resp: 184845
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

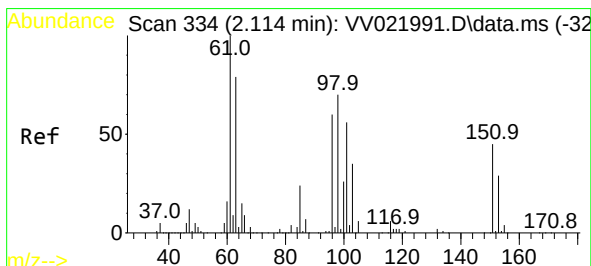
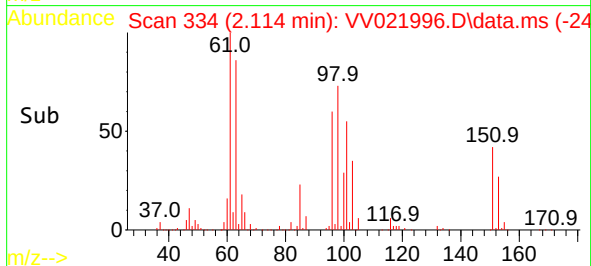
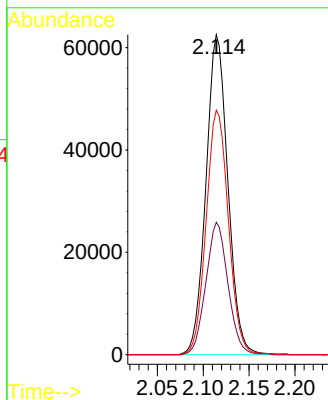
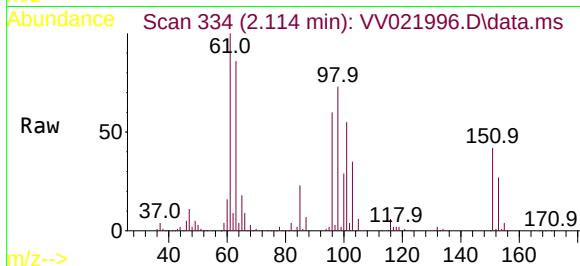




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.144 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

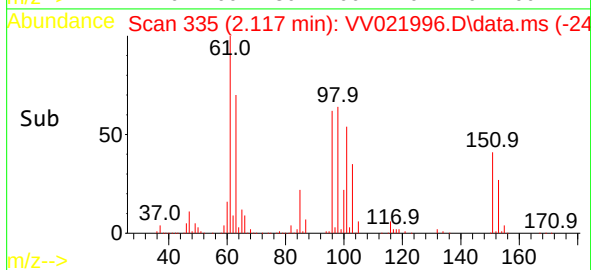
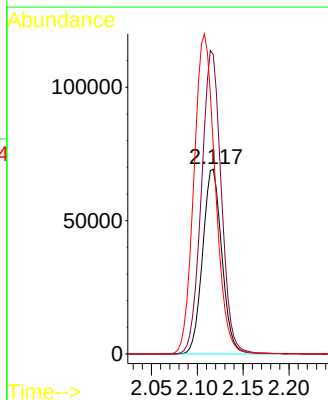
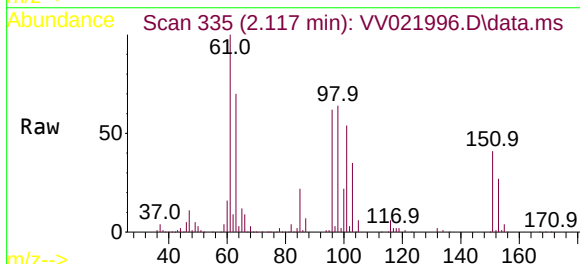
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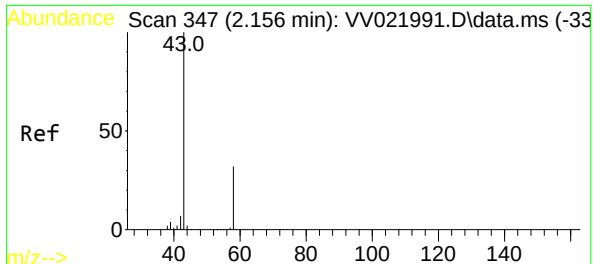
Tgt Ion:101 Resp: 104002
Ion Ratio Lower Upper
101 100
85 41.6 33.4 50.0
151 77.8 61.7 92.5



#12
1,1-Dichloroethene
Concen: 47.778 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 96 Resp: 101368
Ion Ratio Lower Upper
96 100
61 162.0 113.2 210.2
63 112.9 102.3 189.9

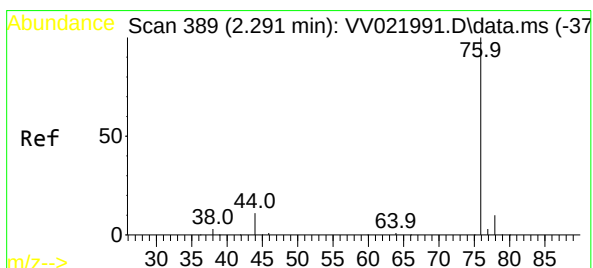
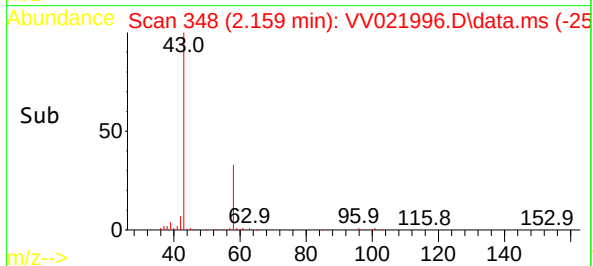
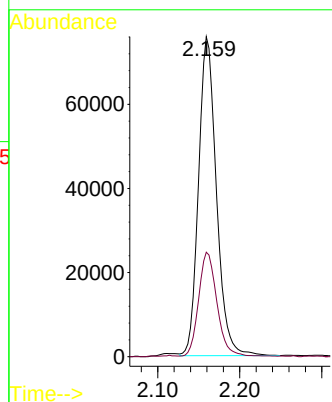
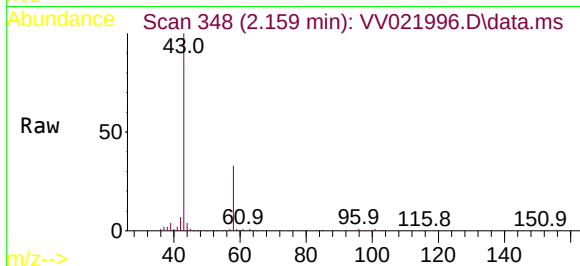




#13
Acetone
Concen: 78.324 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

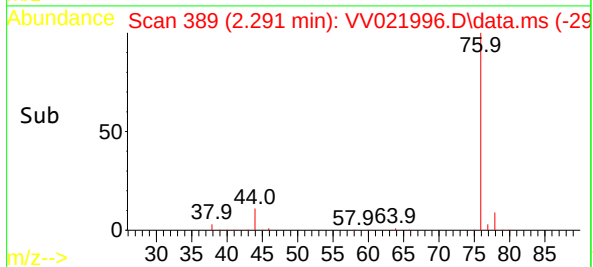
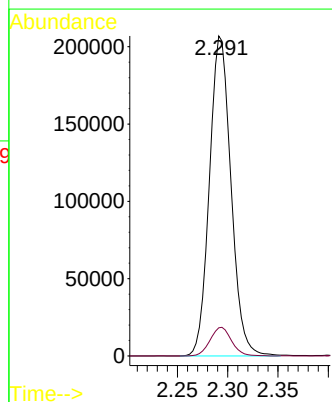
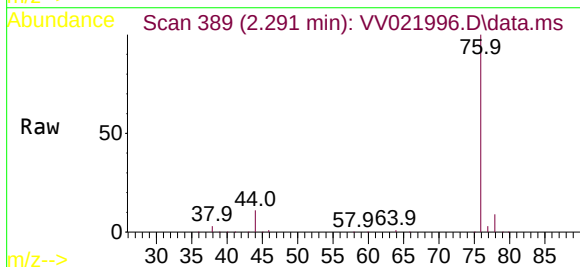
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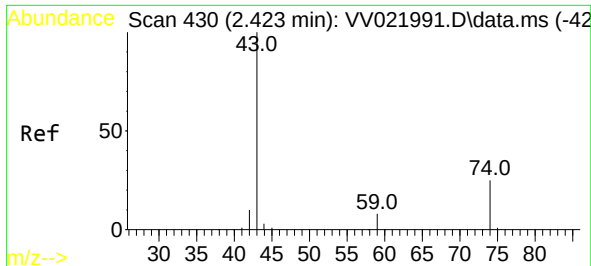
Tgt Ion: 43 Resp: 114642
Ion Ratio Lower Upper
43 100
58 33.4 0.0 0.4#



#14
Carbon disulfide
Concen: 48.278 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 309068
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

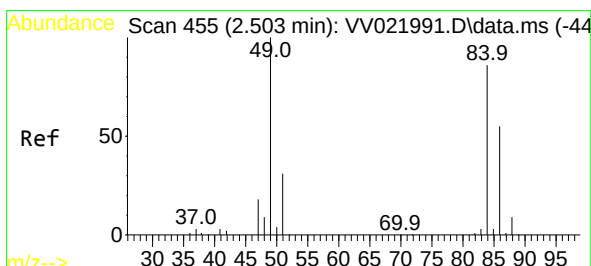
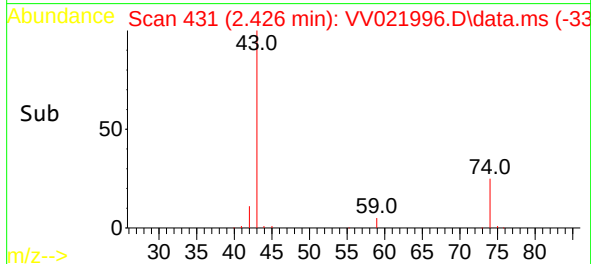
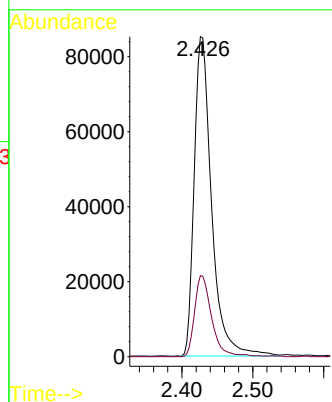
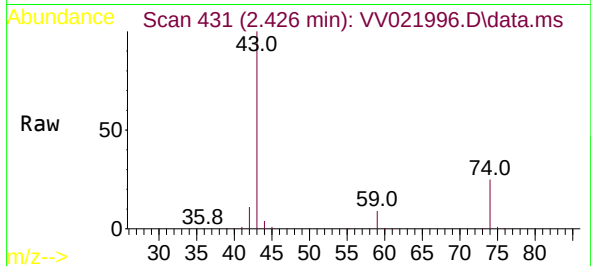




#15
Methyl Acetate
Concen: 50.965 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

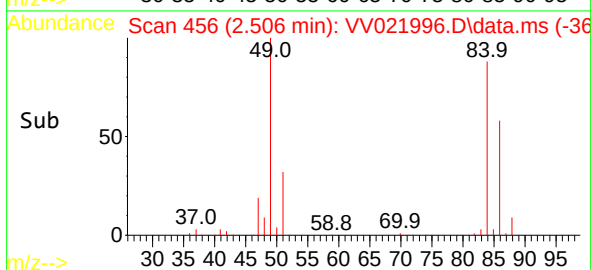
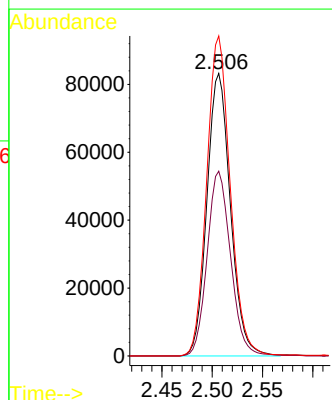
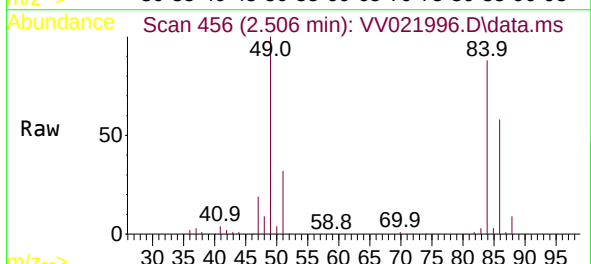
Instrument :
MSVOA_V
ClientSampled :

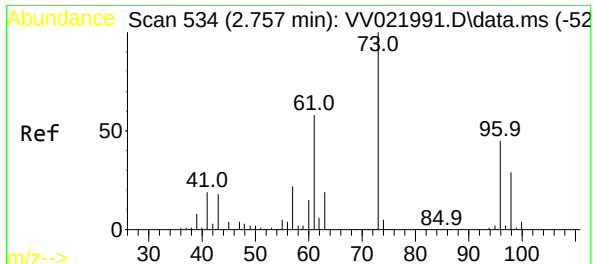
Tgt Ion: 43 Resp: 145272
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.2



#16
Methylene chloride
Concen: 47.666 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 84 Resp: 135493
Ion Ratio Lower Upper
84 100
86 65.4 44.8 83.2
49 113.3 80.2 149.0

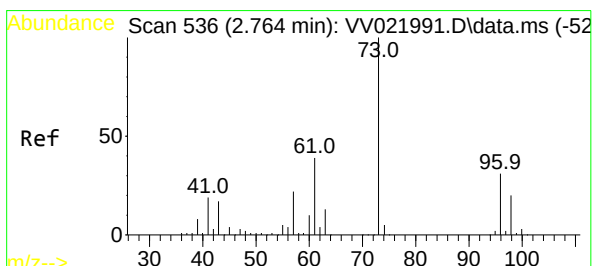
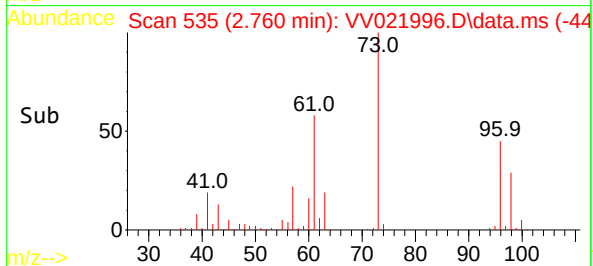
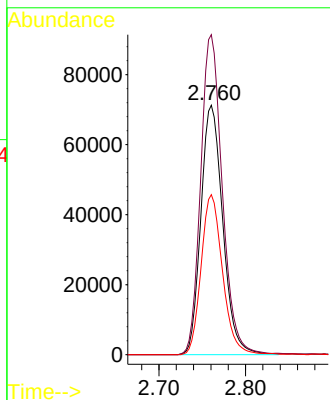
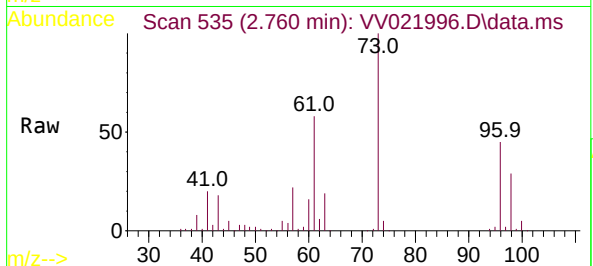




#17
trans-1,2-Dichloroethene
Concen: 48.942 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

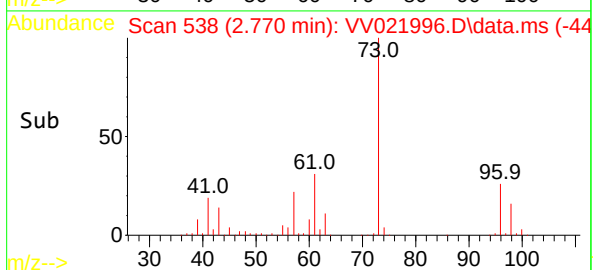
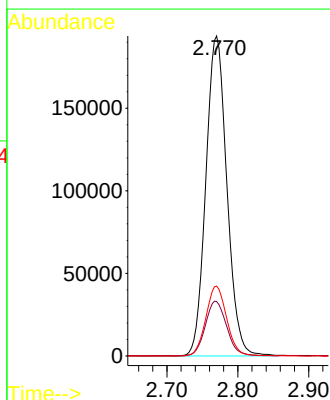
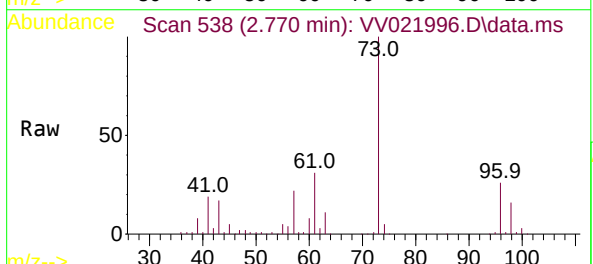
Instrument :
MSVOA_V
ClientSampleId :

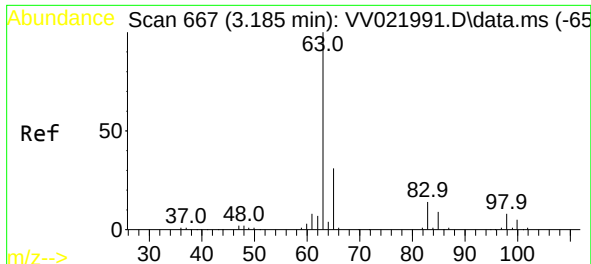
Tgt Ion: 96 Resp: 125550
Ion Ratio Lower Upper
96 100
61 128.2 89.1 165.5
98 64.1 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.024 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 73 Resp: 399631
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.471 ug/L

RT: 3.191 min Scan# 669

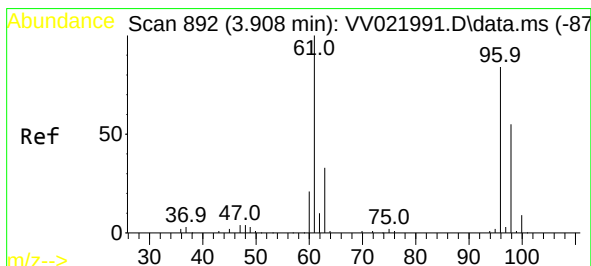
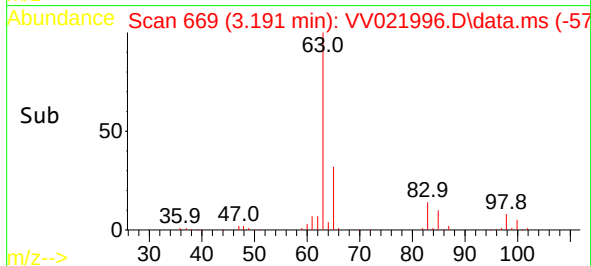
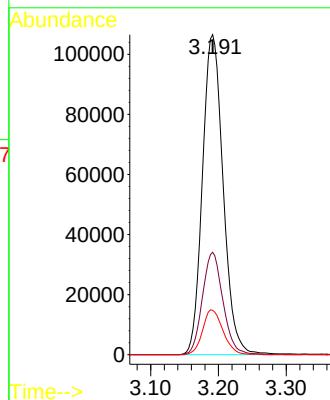
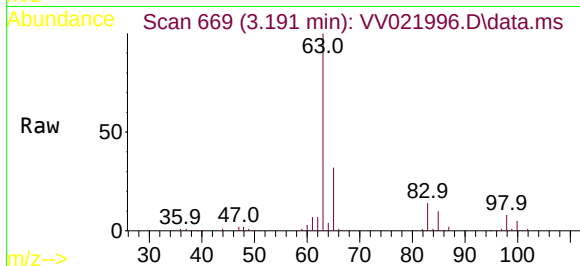
Delta R.T. 0.006 min

Lab File: VV021996.D

Acq: 30 Aug 2021 11:48

Tgt Ion: 63 Resp: 226030

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.2	41.2
83	13.8	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 49.334 ug/L

RT: 3.915 min Scan# 894

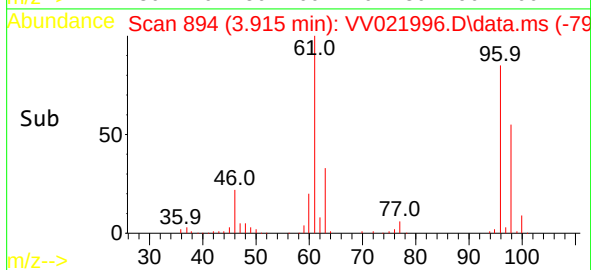
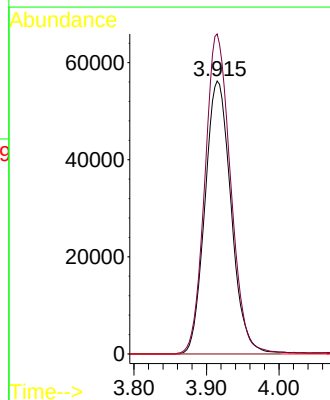
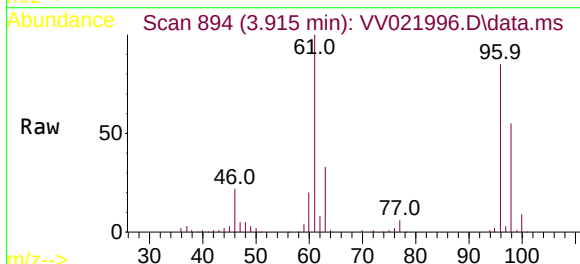
Delta R.T. 0.006 min

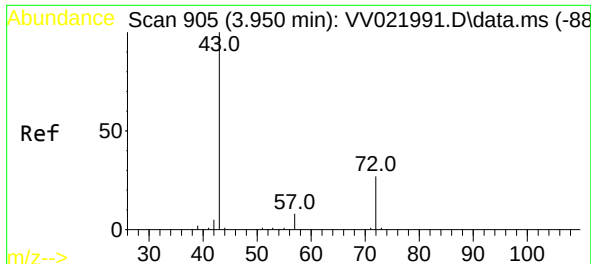
Lab File: VV021996.D

Acq: 30 Aug 2021 11:48

Tgt Ion: 96 Resp: 140855

Ion	Ratio	Lower	Upper
96	100		
61	117.2	81.8	152.0
68	0.0	0.0	0.0

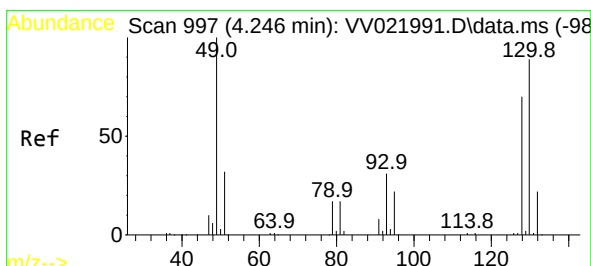
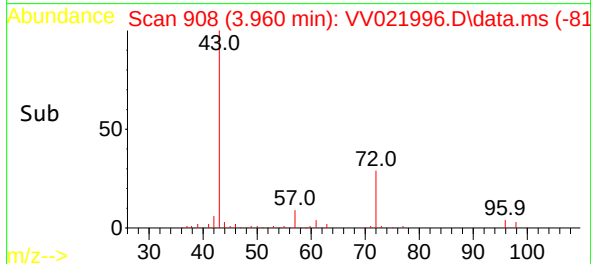
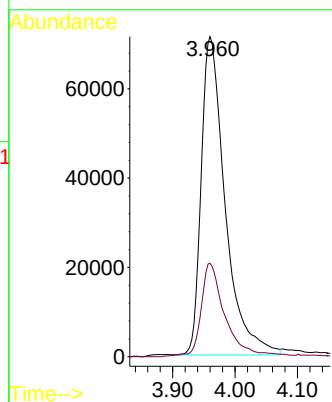
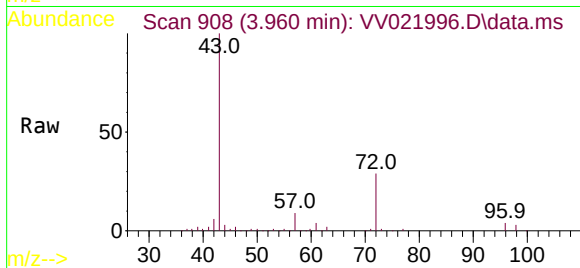




#22
2-Butanone
Concen: 92.428 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.010 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

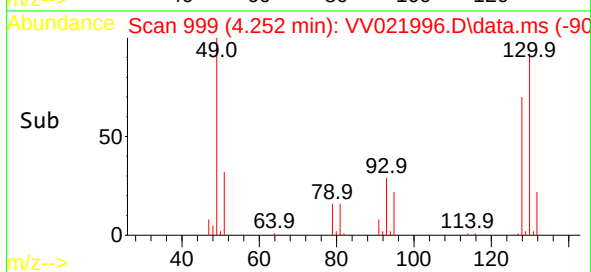
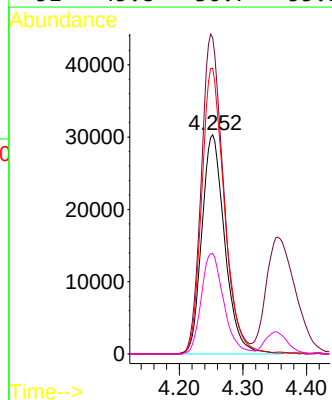
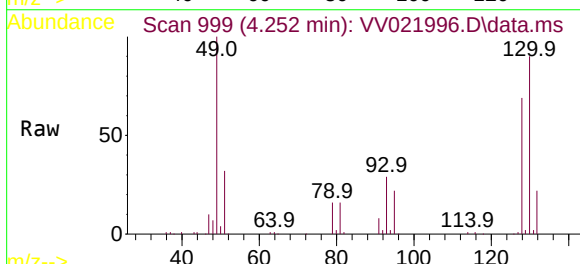
Instrument :
MSVOA_V
ClientSampled :

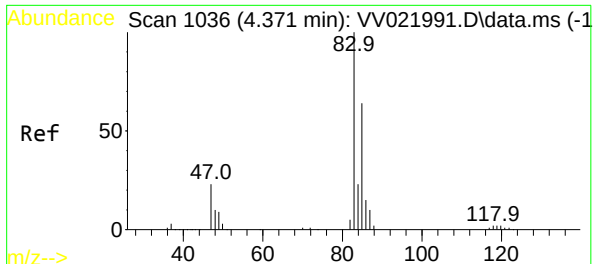
Tgt Ion: 43 Resp: 190164
Ion Ratio Lower Upper
43 100
72 26.3 13.3 39.8



#23
Bromochloromethane
Concen: 49.729 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 128 Resp: 75615
Ion Ratio Lower Upper
128 100
49 144.3 101.6 188.8
130 130.4 88.5 164.3
51 45.8 36.7 55.1





#25

Chloroform

Concen: 49.138 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV021996.D

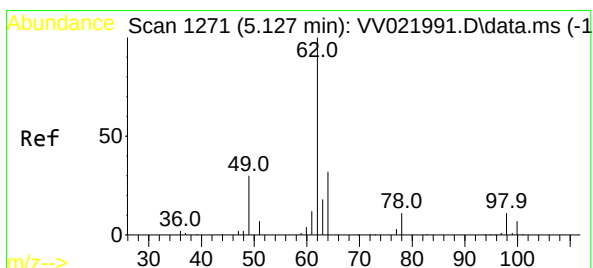
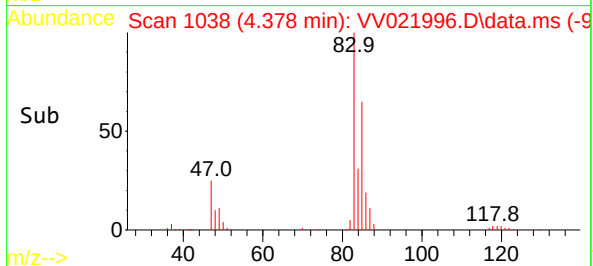
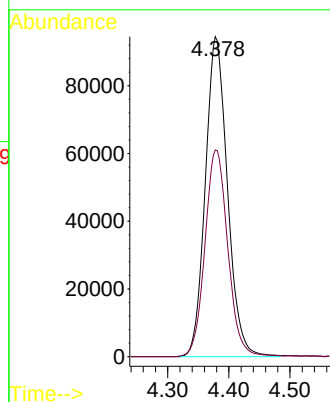
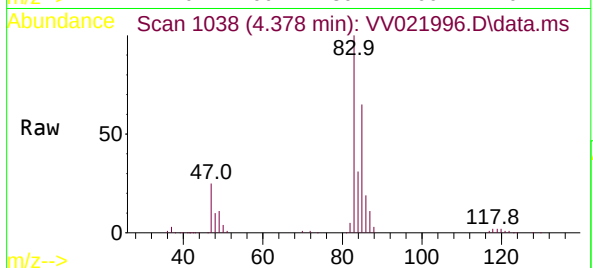
Acq: 30 Aug 2021 11:48

Tgt Ion: 83 Resp: 237658

Ion Ratio Lower Upper

83 100

85 64.6 46.3 85.9



#27

1,2-Dichloroethane

Concen: 50.743 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV021996.D

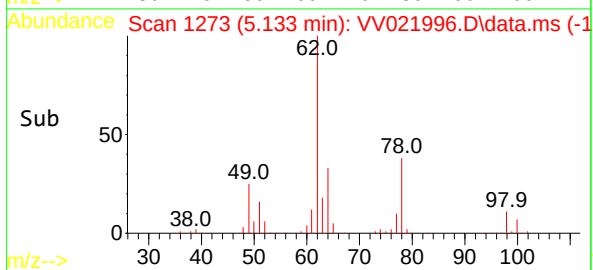
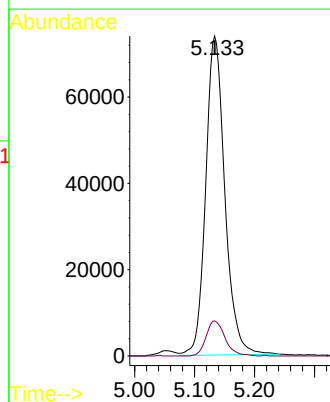
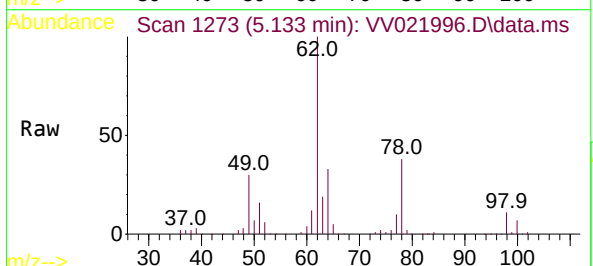
Acq: 30 Aug 2021 11:48

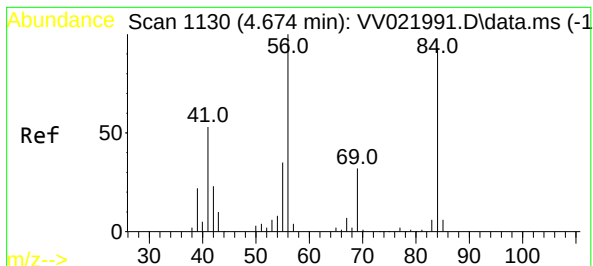
Tgt Ion: 62 Resp: 164511

Ion Ratio Lower Upper

62 100

98 11.0 8.5 12.7





#29

Cyclohexane

Concen: 46.293 ug/L

RT: 4.680 min Scan# 1132

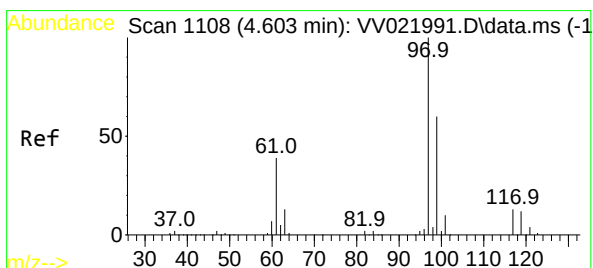
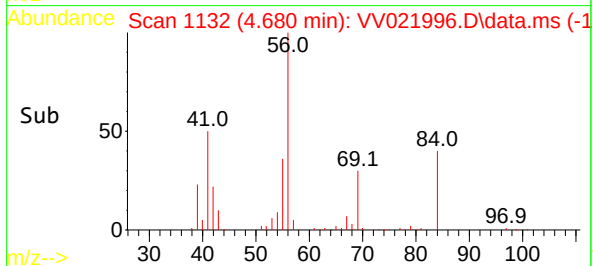
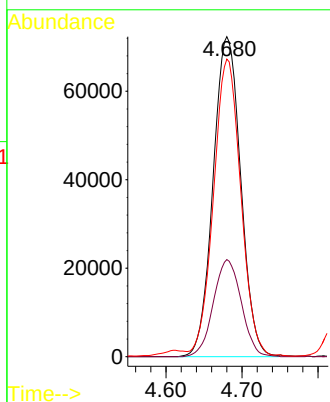
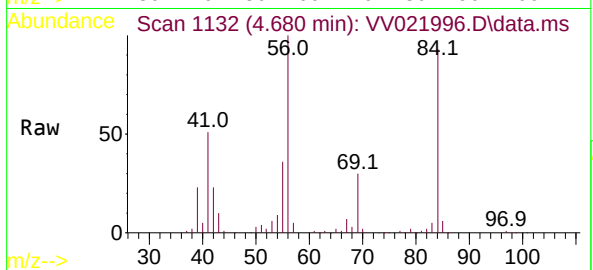
Delta R.T. 0.006 min

Lab File: VV021996.D

Acq: 30 Aug 2021 11:48

Tgt Ion: 56 Resp: 182419

Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.2	37.8
84	91.8	74.6	111.8



#30

1,1,1-Trichloroethane

Concen: 48.460 ug/L

RT: 4.612 min Scan# 1111

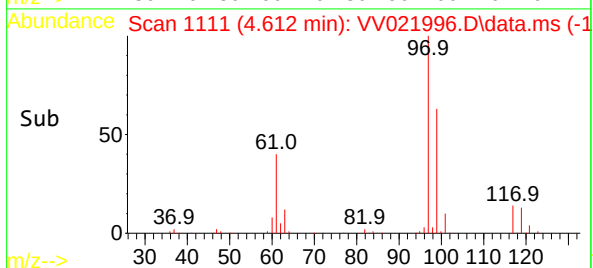
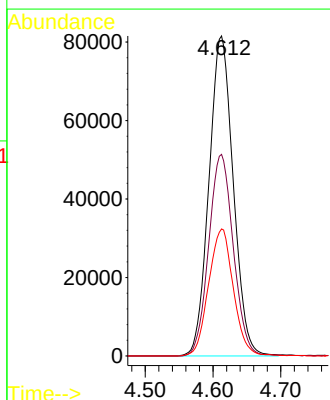
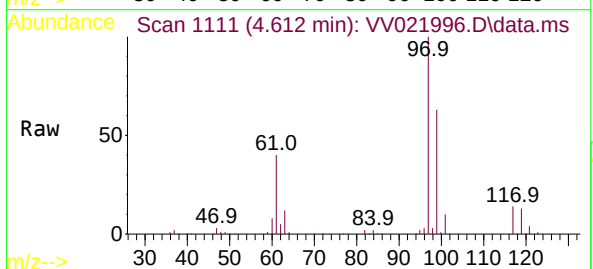
Delta R.T. 0.010 min

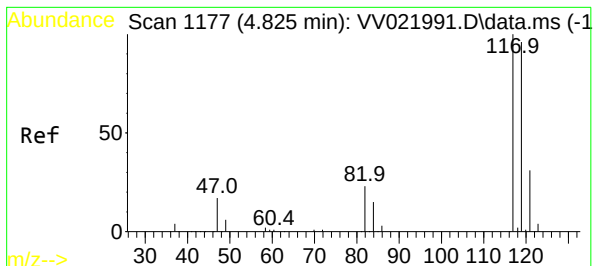
Lab File: VV021996.D

Acq: 30 Aug 2021 11:48

Tgt Ion: 97 Resp: 203027

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	40.5	31.8	47.8

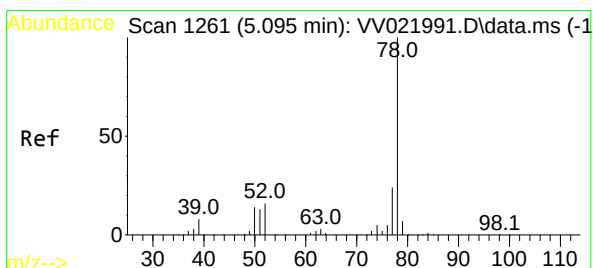
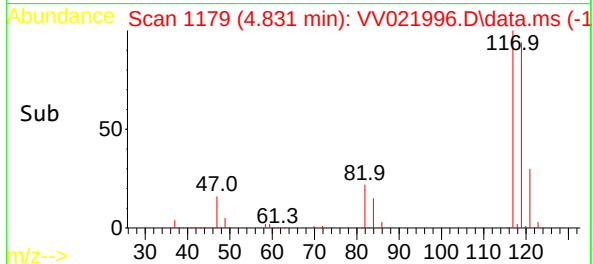
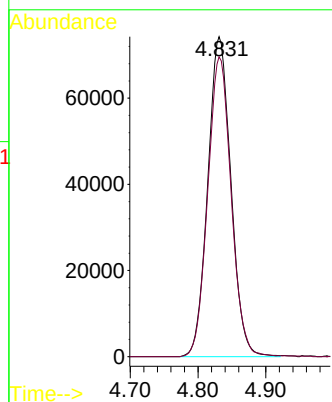
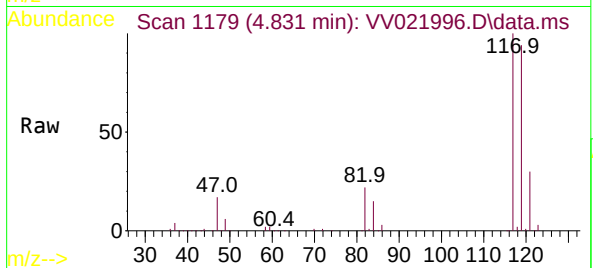




#31
Carbon tetrachloride
Concen: 48.869 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

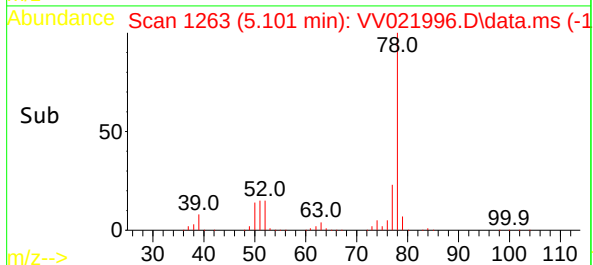
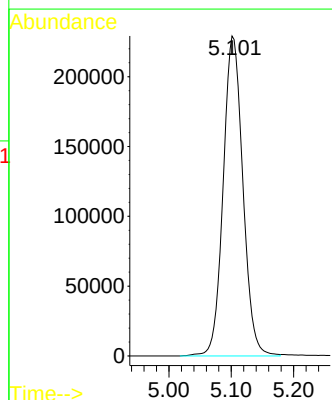
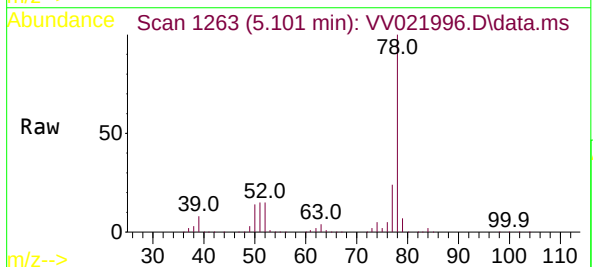
Instrument :
MSVOA_V
ClientSampled :

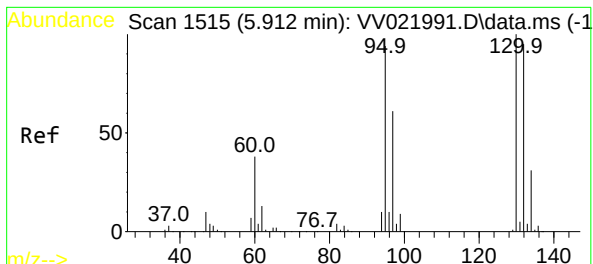
Tgt Ion:117 Resp: 175903
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8



#33
Benzene
Concen: 49.006 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 78 Resp: 502608

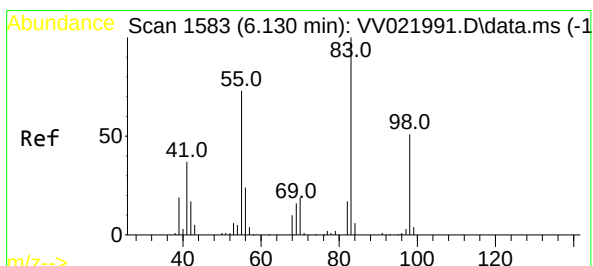
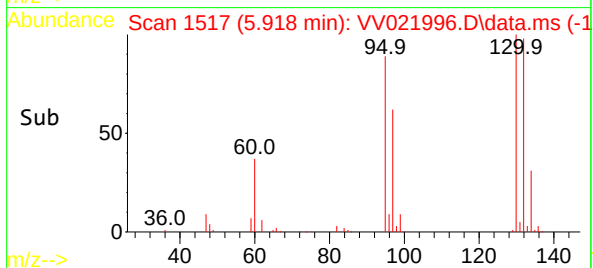
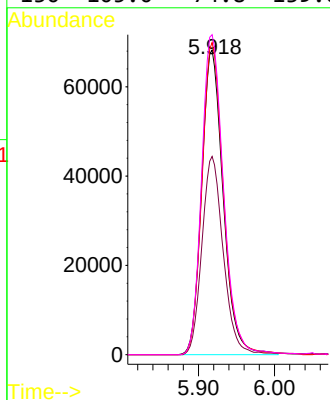
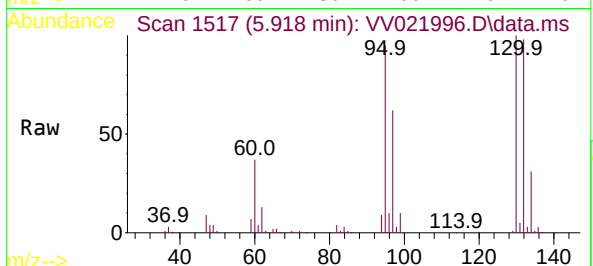




#34
Trichloroethene
Concen: 46.195 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

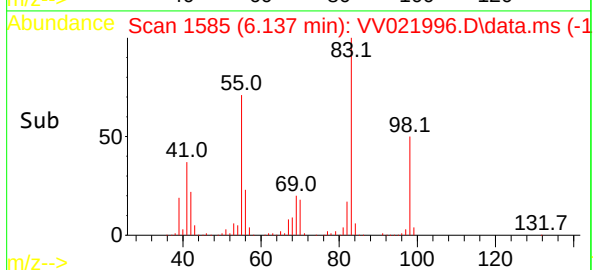
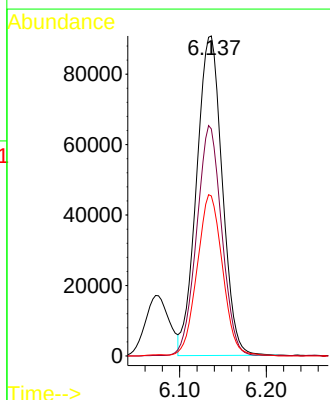
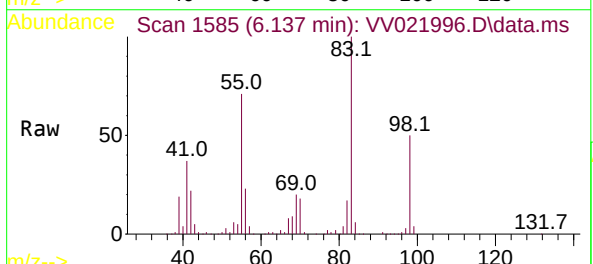
Instrument :
MSVOA_V
ClientSampled :

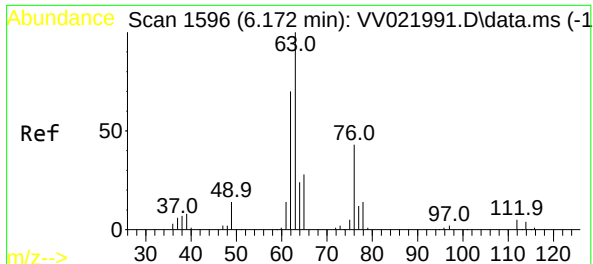
Tgt Ion: 95 Resp: 134200
Ion Ratio Lower Upper
95 100
97 65.1 44.1 81.9
132 102.5 70.7 131.3
130 105.0 74.8 139.0



#35
Methylcyclohexane
Concen: 43.997 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 83 Resp: 186853
Ion Ratio Lower Upper
83 100
55 70.2 56.8 85.2
98 50.1 39.9 59.9

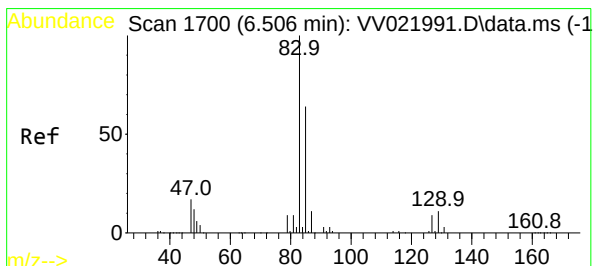
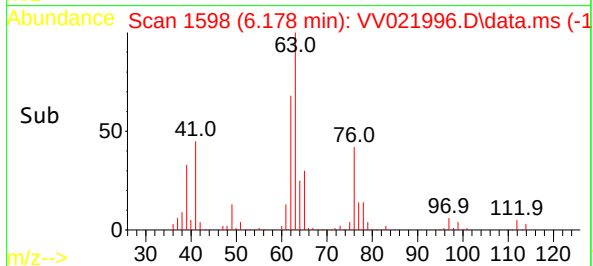
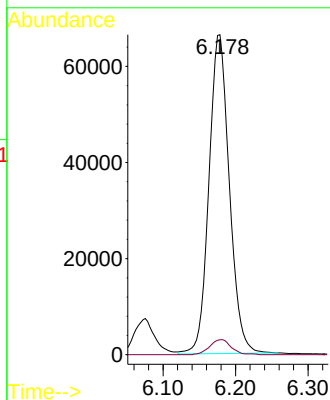
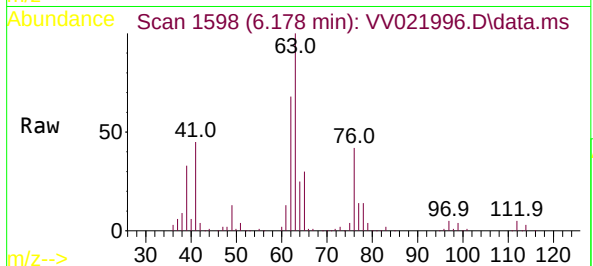




#37
1,2-Dichloropropane
Concen: 48.823 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

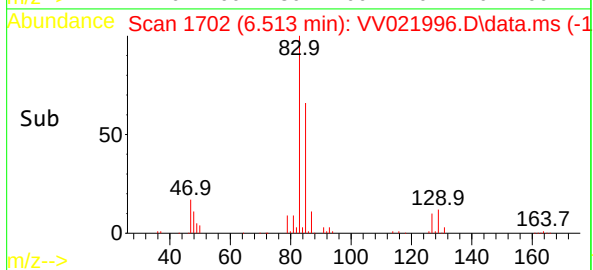
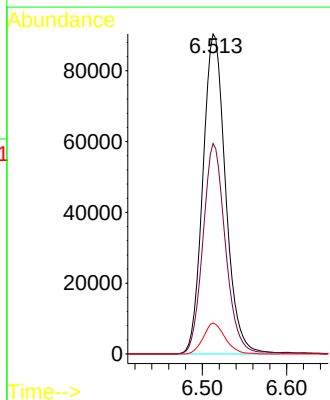
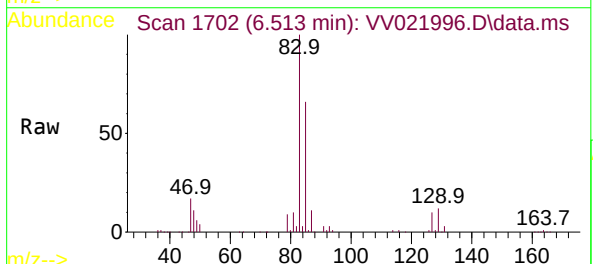
Instrument :
MSVOA_V
ClientSampled :

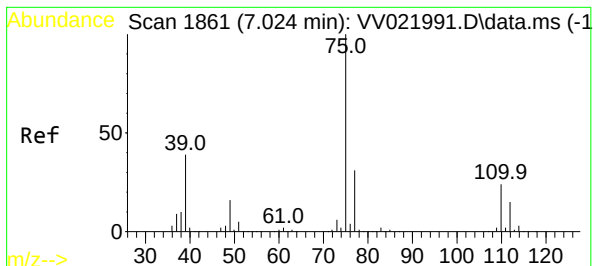
Tgt Ion: 63 Resp: 129798
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 49.829 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 83 Resp: 169409
Ion Ratio Lower Upper
83 100
85 65.7 44.8 83.2
127 9.7 7.3 10.9

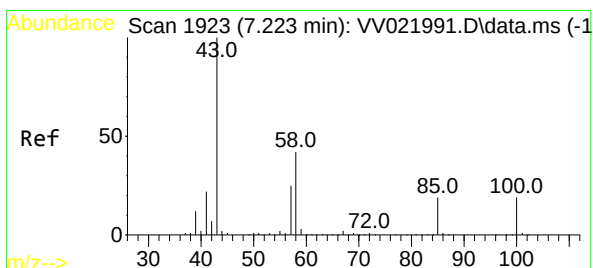
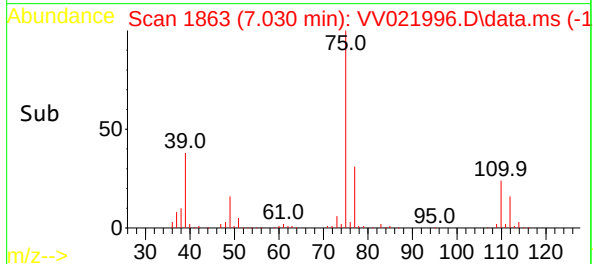
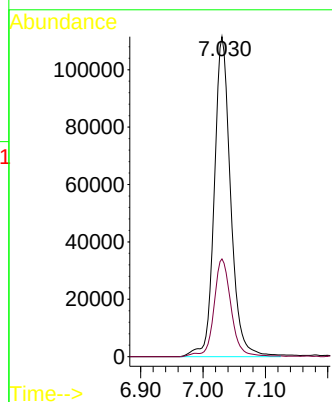
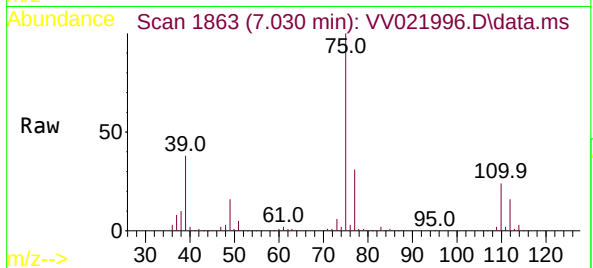




#39
cis-1,3-Dichloropropene
Concen: 49.566 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.006 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

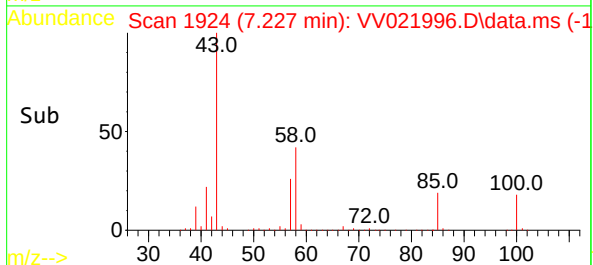
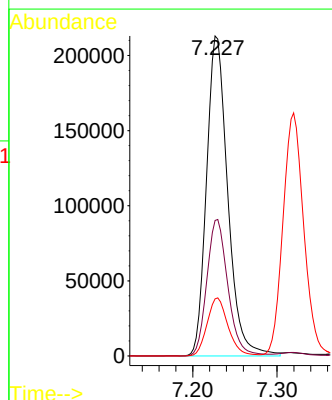
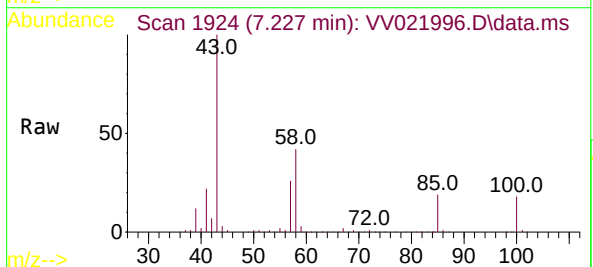
Instrument :
MSVOA_V
ClientSampled :

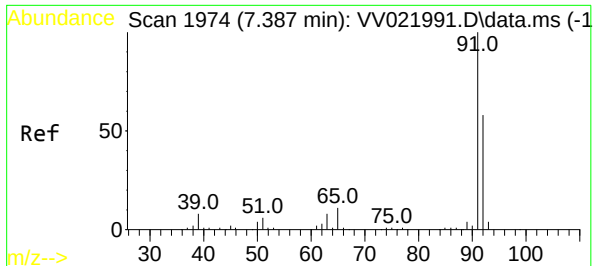
Tgt Ion: 75 Resp: 203447
Ion Ratio Lower Upper
75 100
77 30.5 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 103.671 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 43 Resp: 373650
Ion Ratio Lower Upper
43 100
58 42.2 33.3 49.9
100 18.0 14.5 21.7

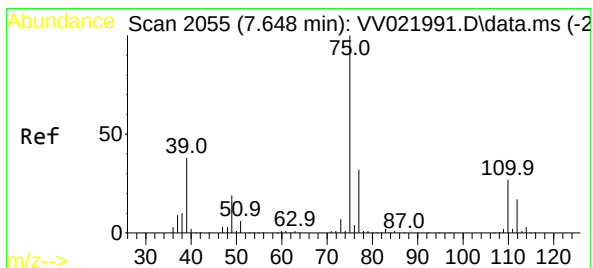
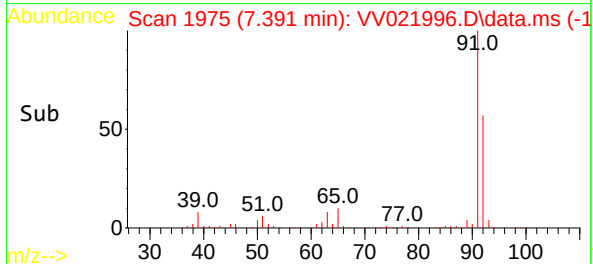
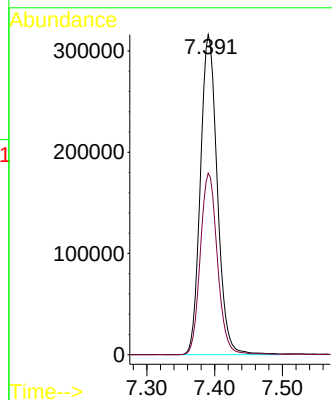
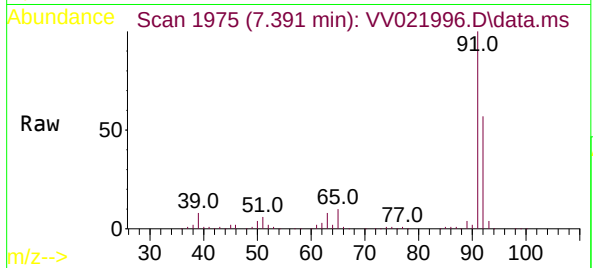




#42
Toluene
Concen: 49.467 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

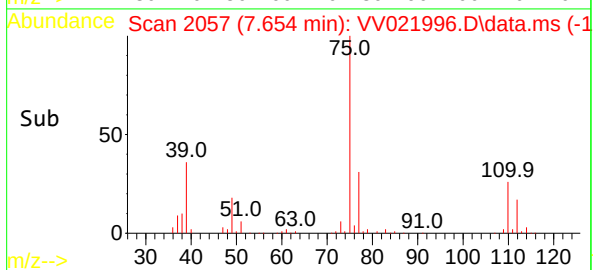
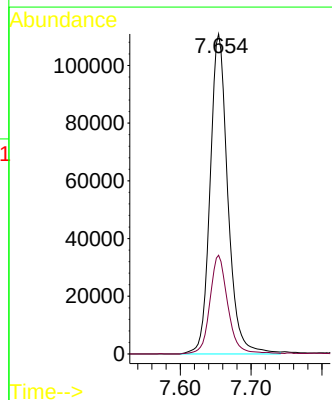
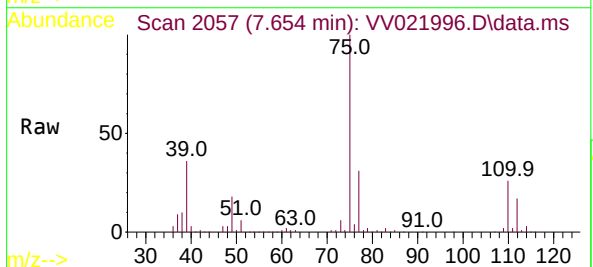
Instrument :
MSVOA_V
ClientSampled :

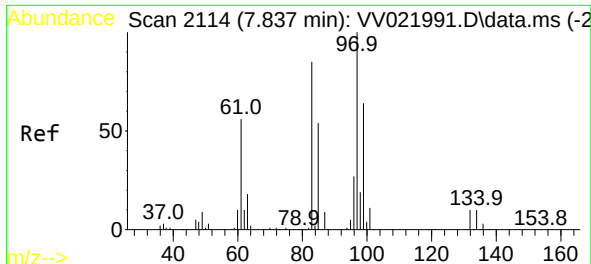
Tgt Ion: 91 Resp: 547559
Ion Ratio Lower Upper
91 100
92 56.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 50.439 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 75 Resp: 192682
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.6





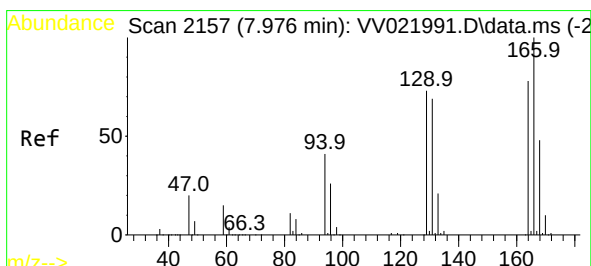
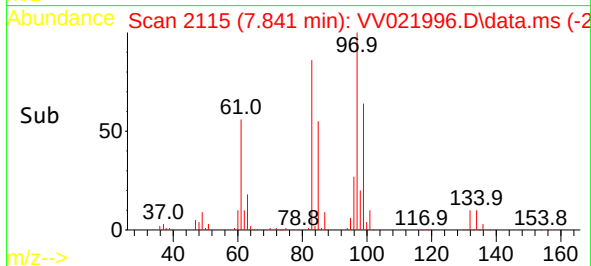
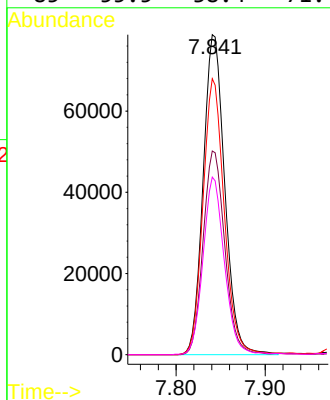
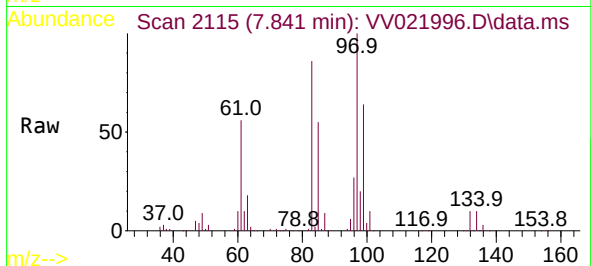
#45

1,1,2-Trichloroethane
Concen: 49.107 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 132835

Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.8	81.4
83	86.2	58.8	109.2
85	55.5	38.4	71.4

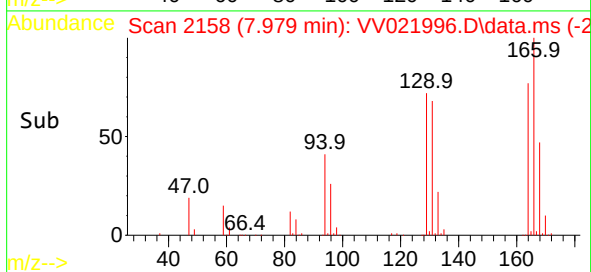
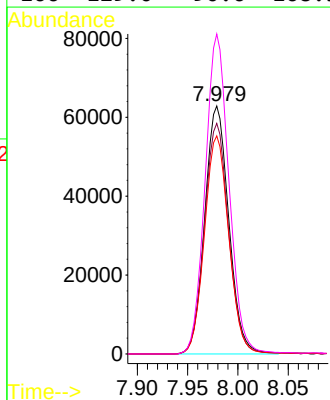
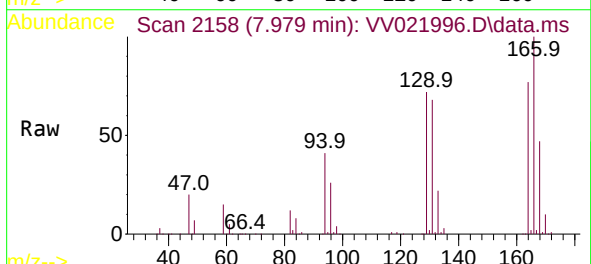


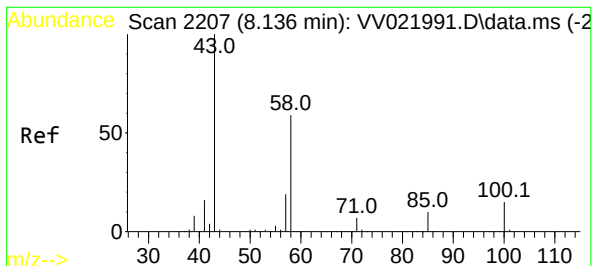
#46

Tetrachloroethene
Concen: 46.431 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 164 Resp: 104883

Ion	Ratio	Lower	Upper
164	100		
129	93.0	62.9	116.9
131	87.9	61.0	113.4
166	129.0	90.6	168.3



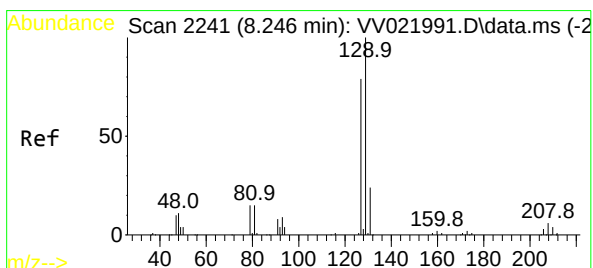
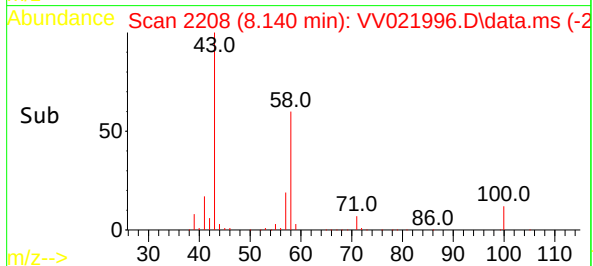
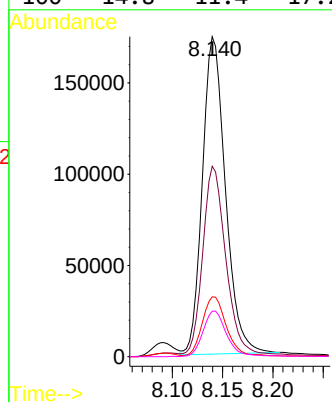
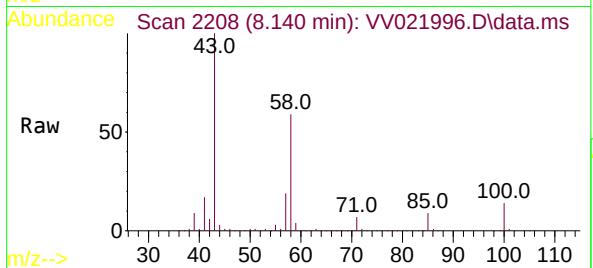


#48
2-Hexanone
Concen: 99.266 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 277593

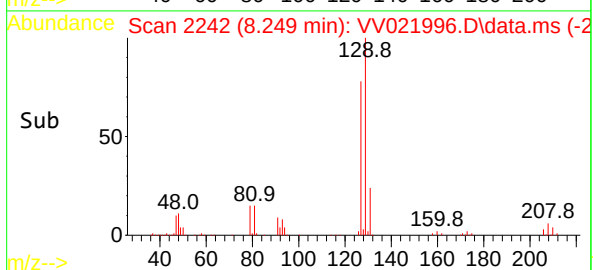
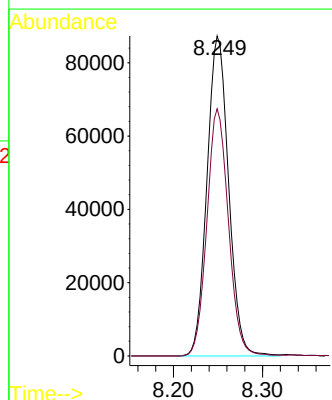
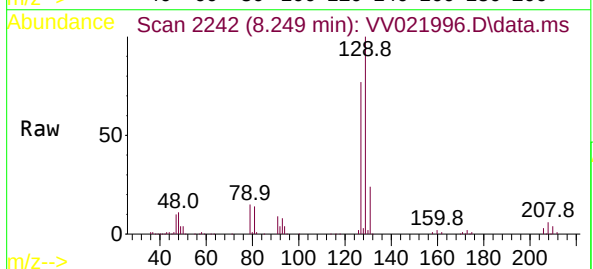
Ion	Ratio	Lower	Upper
43	100		
58	60.0	47.5	71.3
57	19.3	15.9	23.9
100	14.8	11.4	17.2

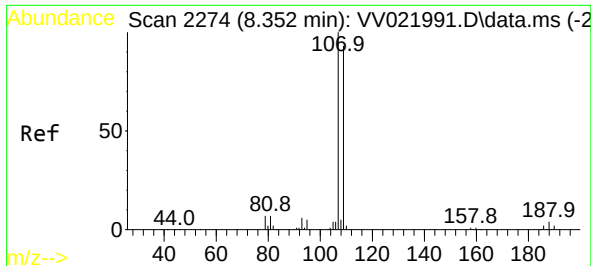


#49
Dibromochloromethane
Concen: 50.834 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 129 Resp: 147191

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.1	100.5

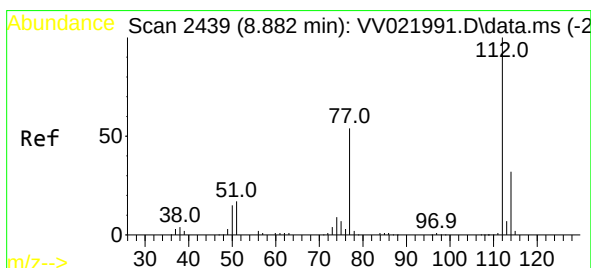
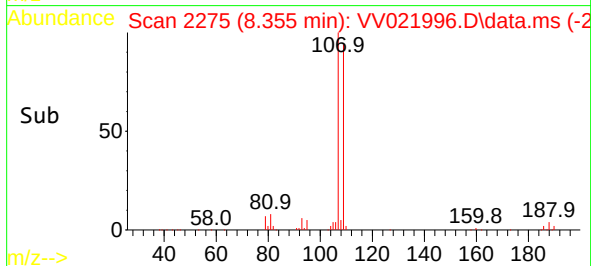
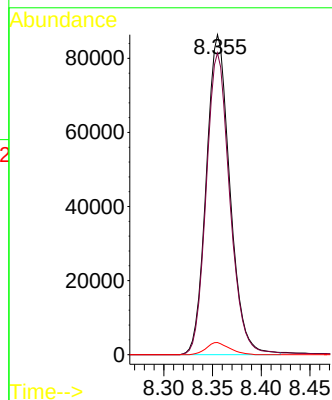
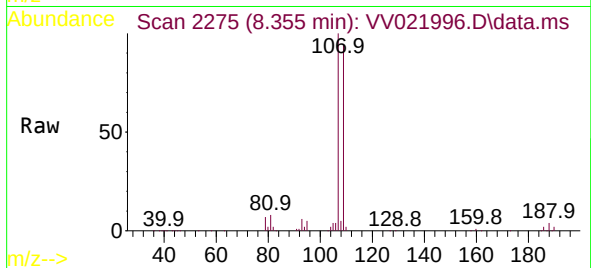




#50
1,2-Dibromoethane
Concen: 50.195 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

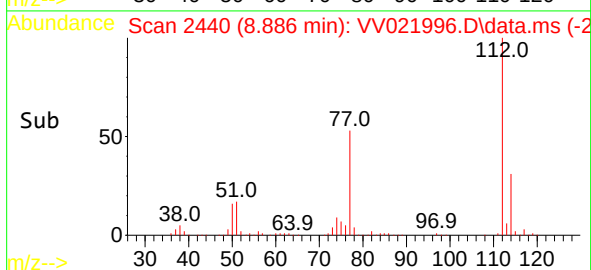
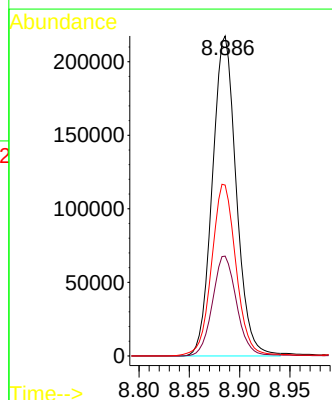
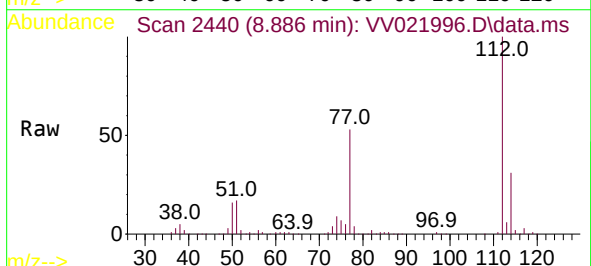
Instrument :
MSVOA_V
ClientSampled :

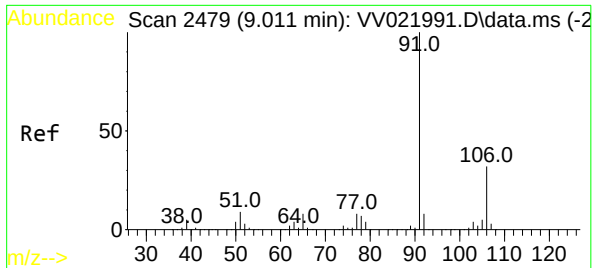
Tgt Ion:107 Resp: 145721
Ion Ratio Lower Upper
107 100
109 94.3 65.5 121.6
188 3.8 3.2 4.8



#51
Chlorobenzene
Concen: 48.289 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion:112 Resp: 359380
Ion Ratio Lower Upper
112 100
114 31.2 22.0 41.0
77 53.4 43.2 64.8

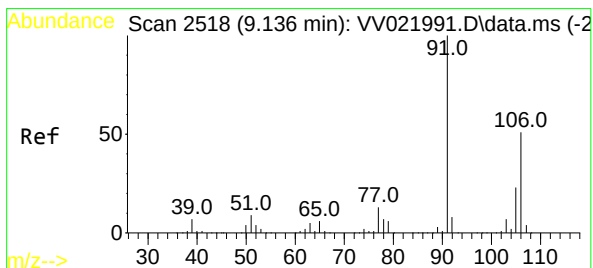
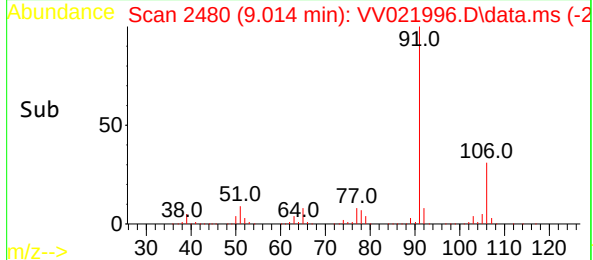
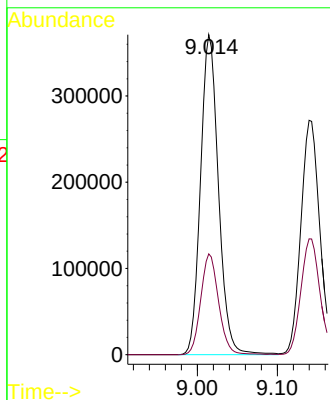
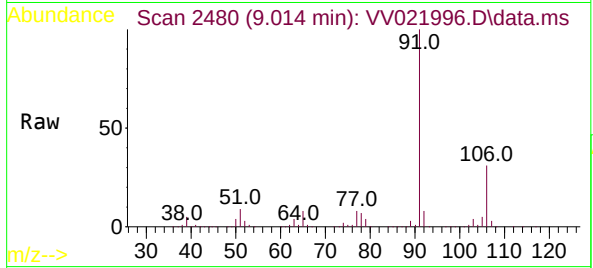




#52
Ethylbenzene
Concen: 48.394 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

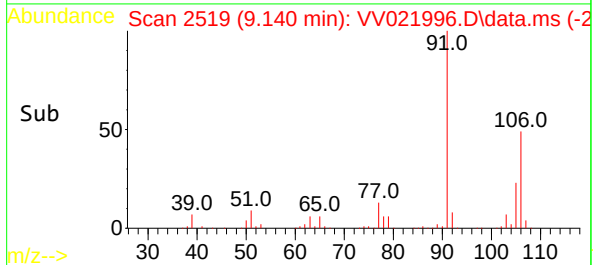
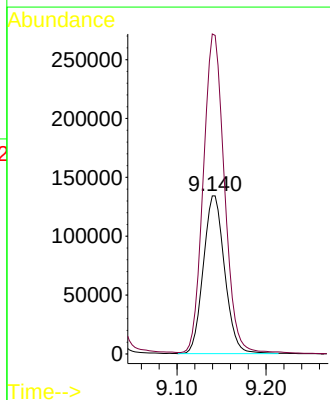
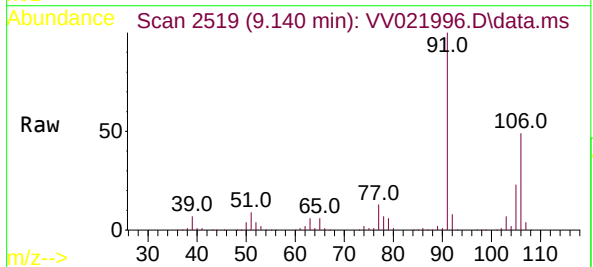
Tgt Ion: 91 Resp: 579881
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3

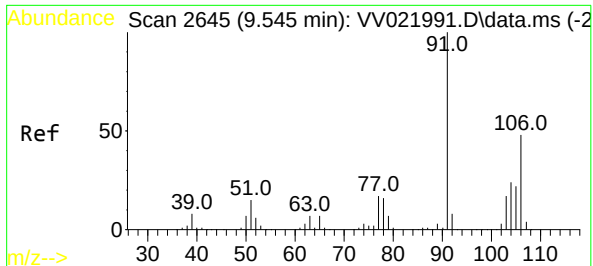
Instrument :
MSVOA_V
ClientSampled :



#53
m,p-Xylene
Concen: 47.725 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 106 Resp: 222274
Ion Ratio Lower Upper
106 100
91 202.3 139.1 258.3

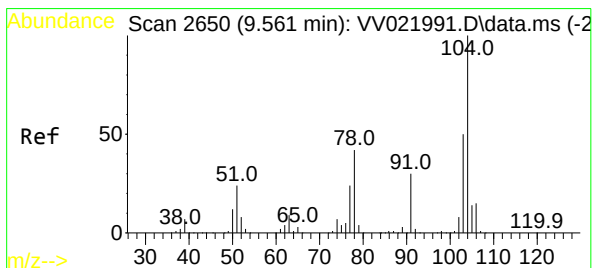
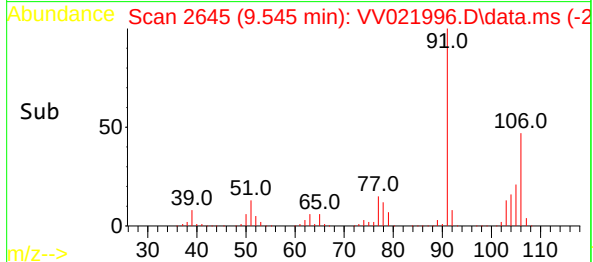
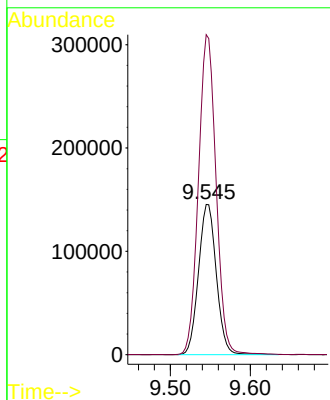
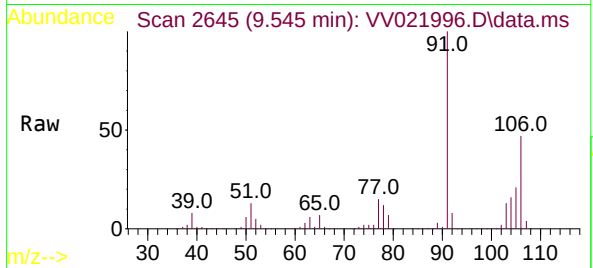




#54
o-Xylene
Concen: 49.085 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

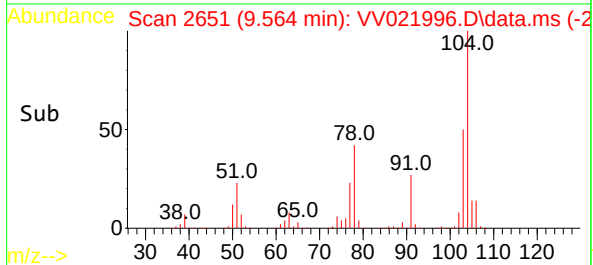
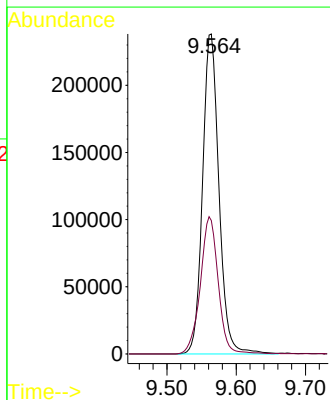
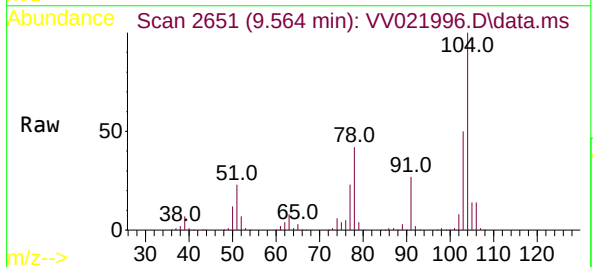
Instrument :
MSVOA_V
ClientSampled :

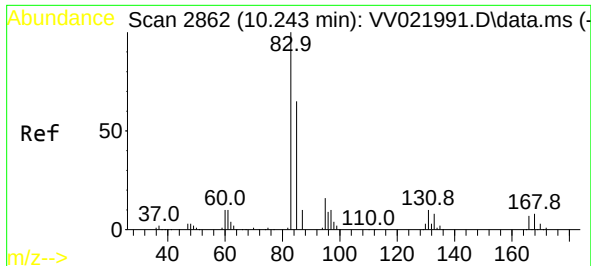
Tgt Ion:106 Resp: 226195
Ion Ratio Lower Upper
106 100
91 212.9 150.1 278.9



#55
Styrene
Concen: 49.732 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion:104 Resp: 391108
Ion Ratio Lower Upper
104 100
78 41.7 28.6 53.2

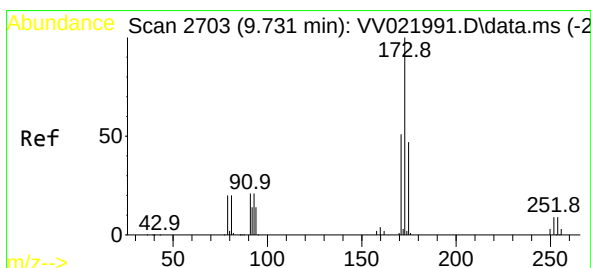
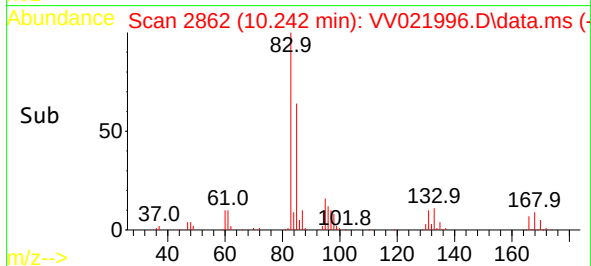
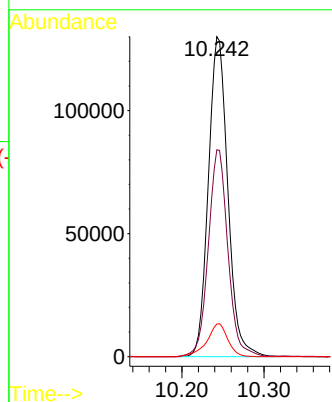
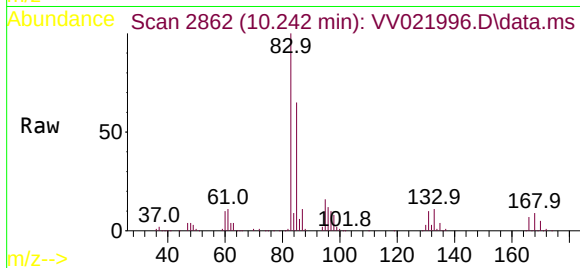




#57
1,1,2,2-Tetrachloroethane
Concen: 54.600 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

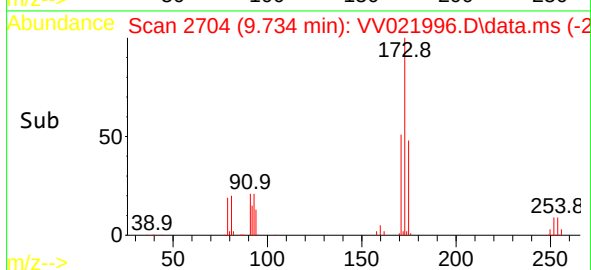
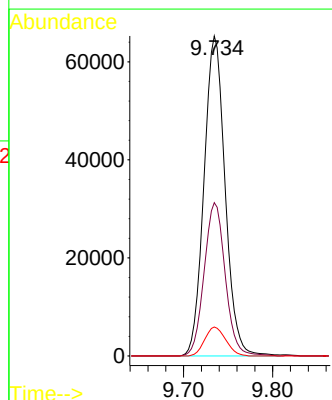
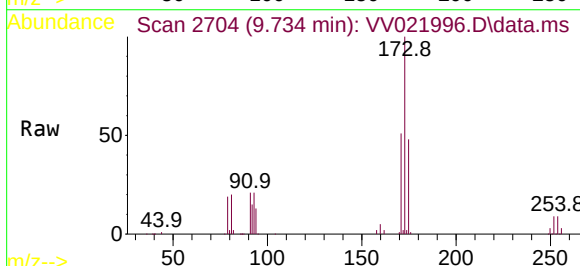
Instrument :
MSVOA_V
ClientSampled :

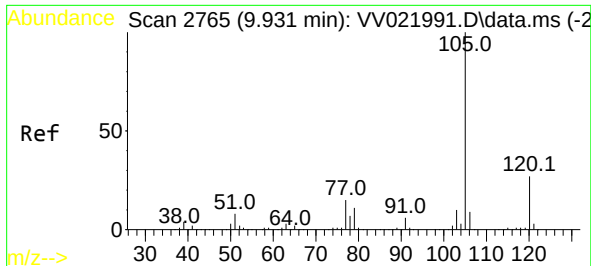
Tgt Ion: 83 Resp: 213994
Ion Ratio Lower Upper
83 100
85 64.6 44.7 83.1
131 10.2 8.2 12.2



#59
Bromoform
Concen: 52.565 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion:173 Resp: 107380
Ion Ratio Lower Upper
173 100
175 47.9 38.8 58.2
254 9.0 7.0 10.4

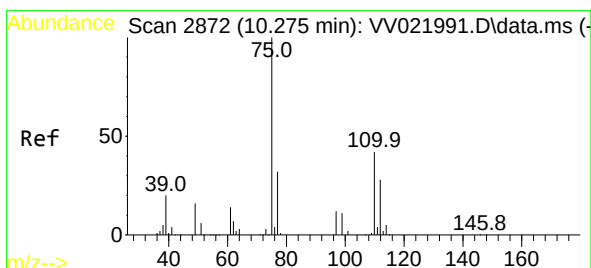
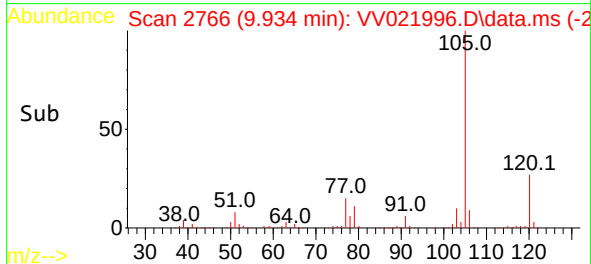
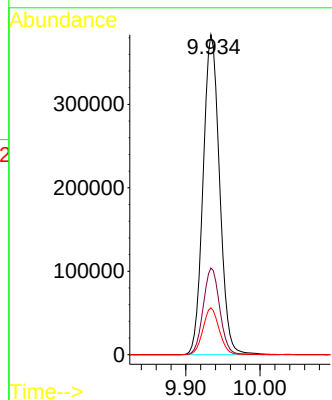
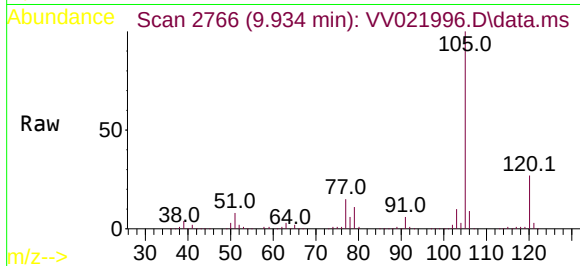




#60
Isopropylbenzene
Concen: 48.857 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

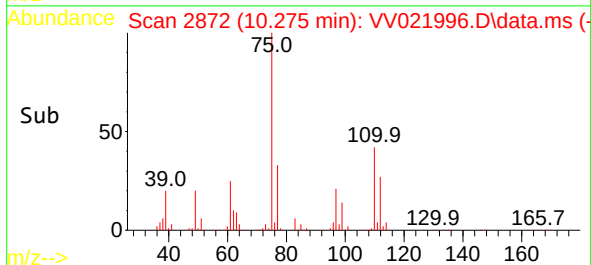
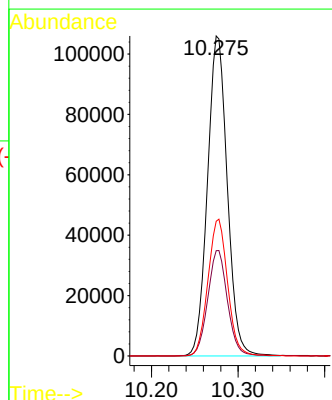
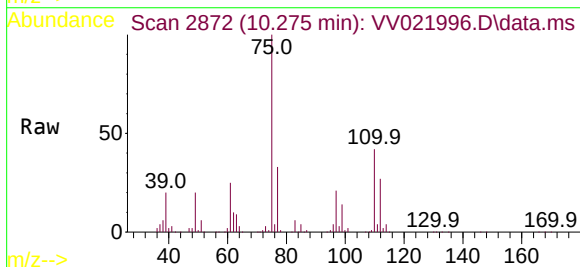
Instrument :
MSVOA_V
ClientSampled :

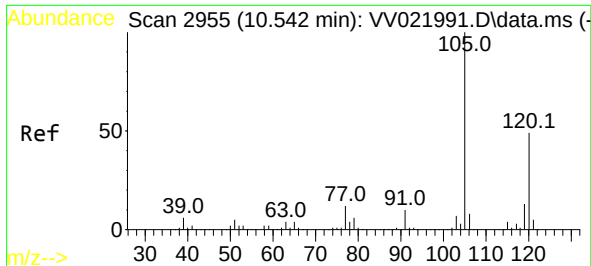
Tgt Ion:105 Resp: 590465
Ion Ratio Lower Upper
105 100
120 27.1 21.5 32.3
77 14.4 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 50.538 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

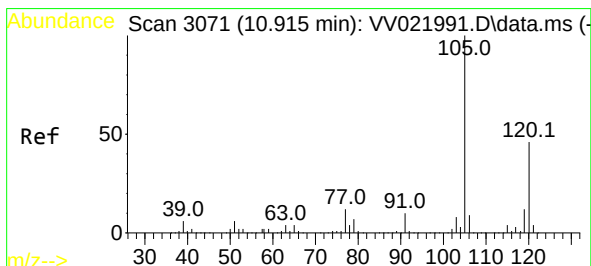
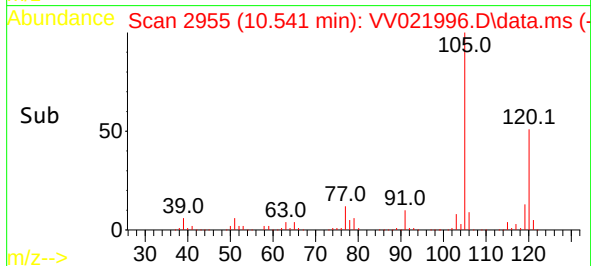
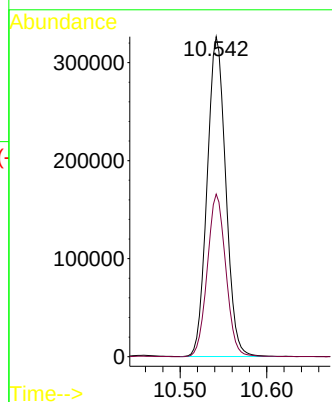
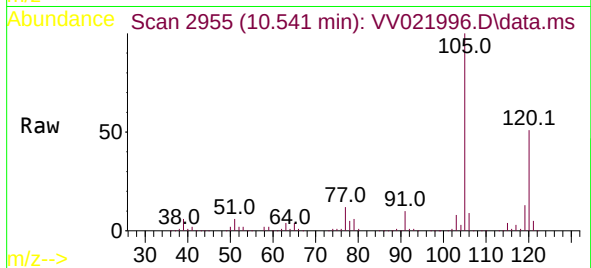
Tgt Ion: 75 Resp: 168467
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2
110 42.4 33.8 50.6





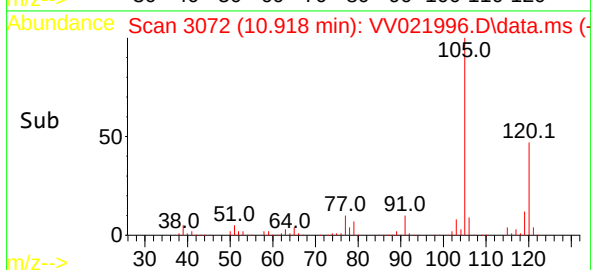
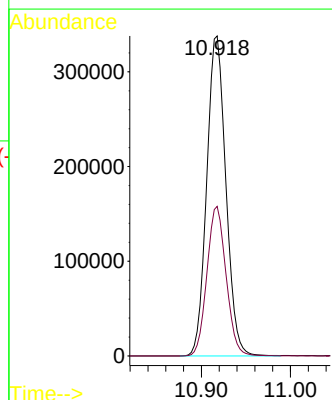
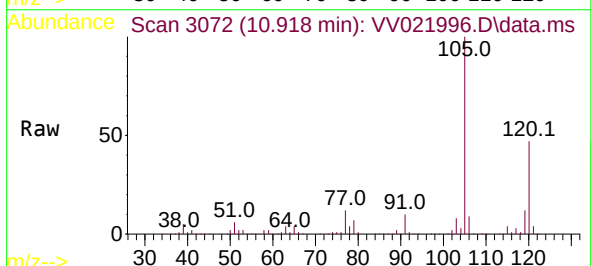
#62
1,3,5-Trimethylbenzene
Concen: 47.963 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

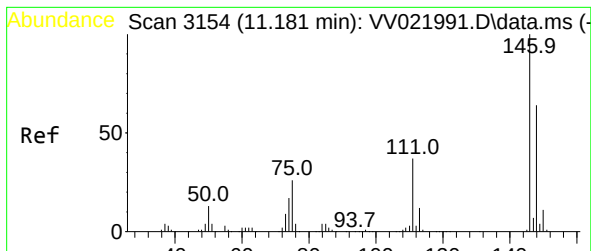
Tgt Ion:105 Resp: 486644
Ion Ratio Lower Upper
105 100
120 50.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 48.837 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion:105 Resp: 503653
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0

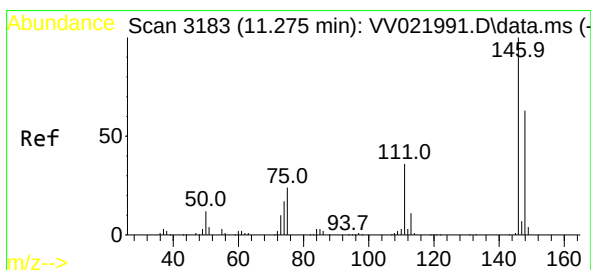
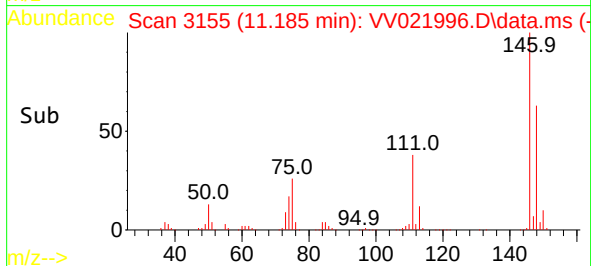
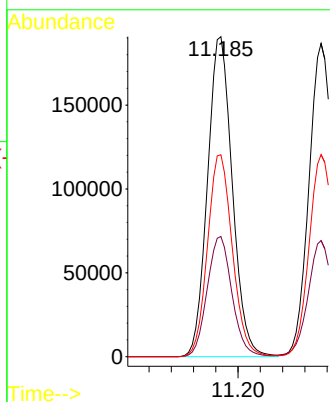
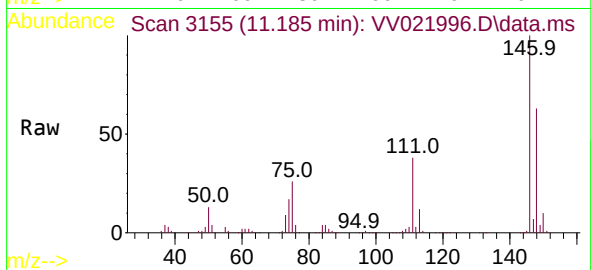




#64
1,3-Dichlorobenzene
Concen: 48.182 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

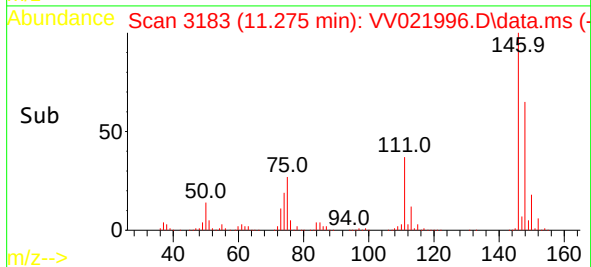
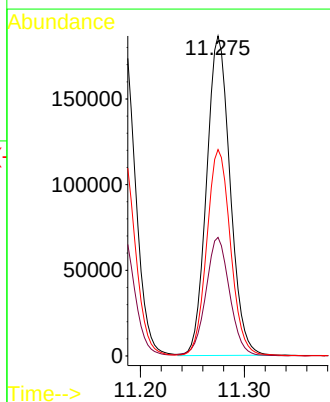
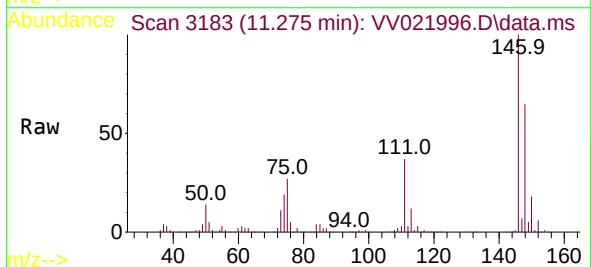
Instrument :
MSVOA_V
ClientSampled :

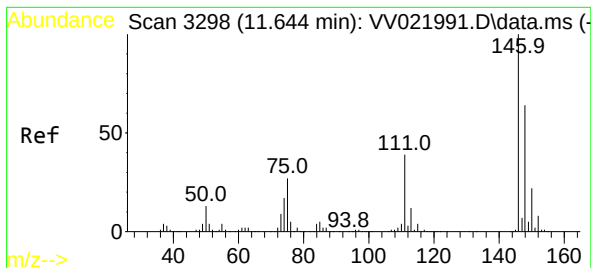
Tgt Ion:146 Resp: 295654
Ion Ratio Lower Upper
146 100
111 37.5 26.9 50.1
148 63.1 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 46.654 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion:146 Resp: 292939
Ion Ratio Lower Upper
146 100
111 37.1 25.3 46.9
148 64.5 44.4 82.5

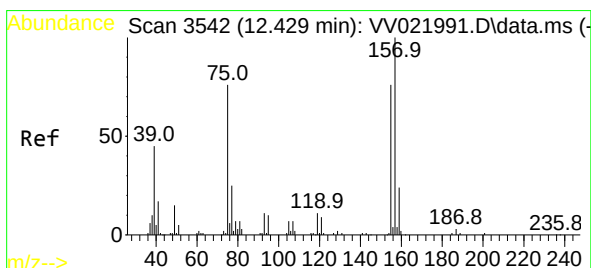
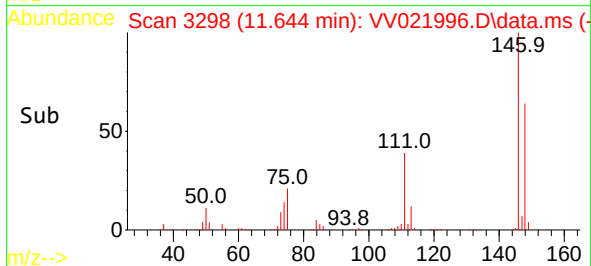
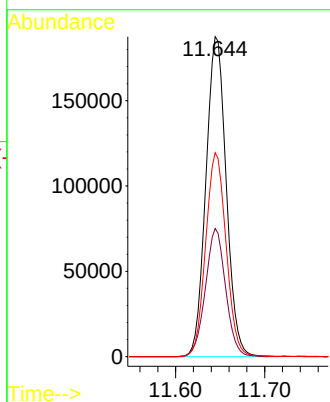
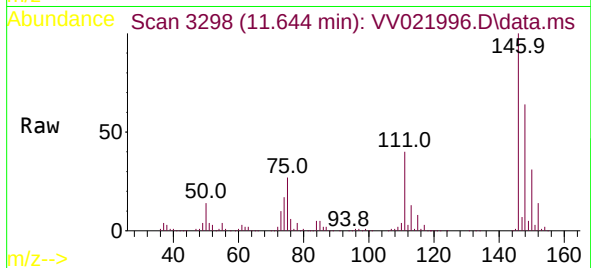




#67
1,2-Dichlorobenzene
Concen: 48.715 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

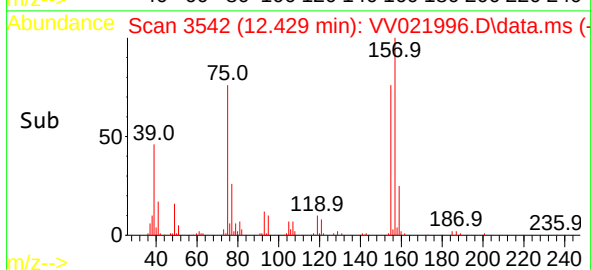
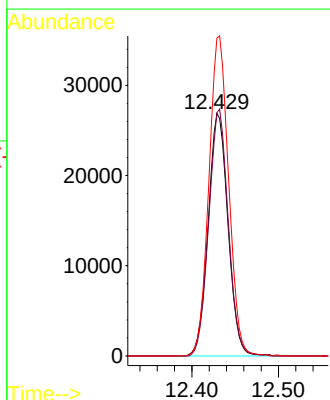
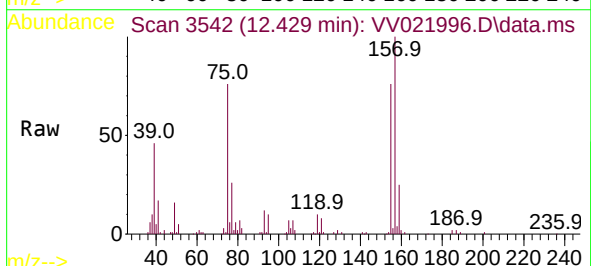
Instrument :
MSVOA_V
ClientSampleId :

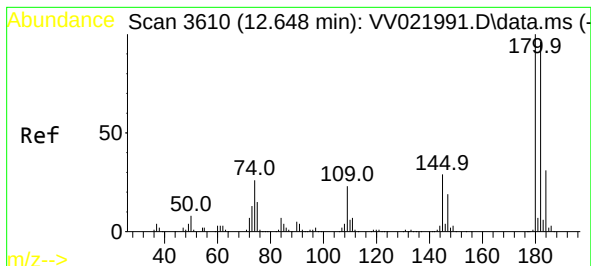
Tgt Ion:146 Resp: 296810
Ion Ratio Lower Upper
146 100
111 40.1 31.6 47.4
148 63.7 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 53.316 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion: 75 Resp: 42834
Ion Ratio Lower Upper
75 100
155 100.3 79.8 119.6
157 131.2 98.3 147.5

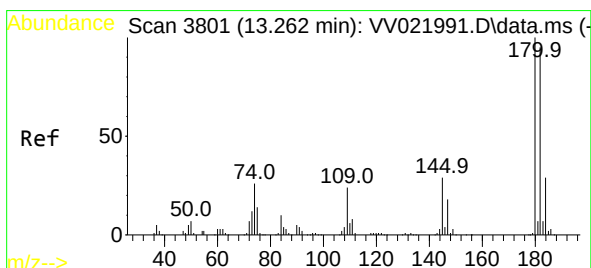
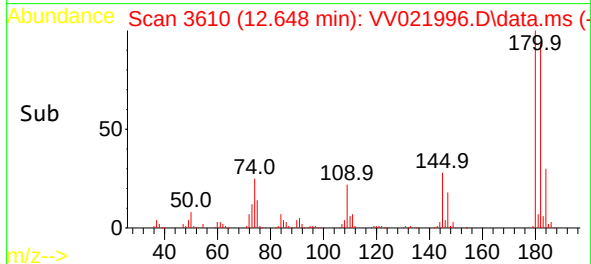
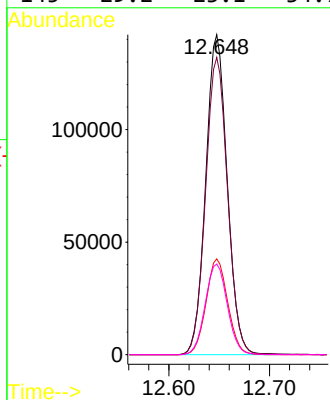
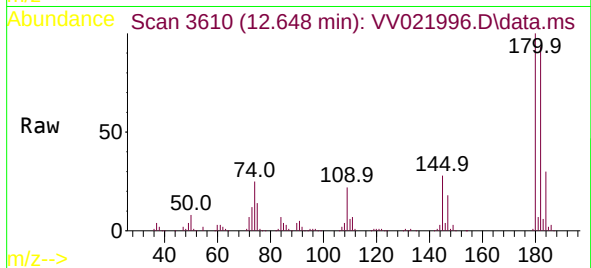




#69
1,3,5-Trichlorobenzene
Concen: 46.056 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

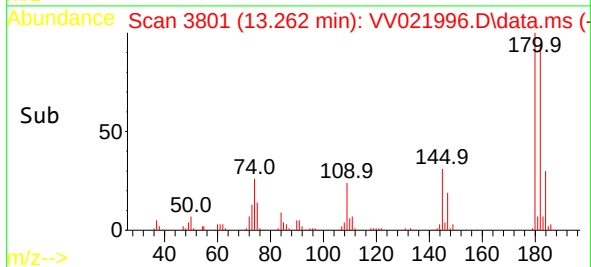
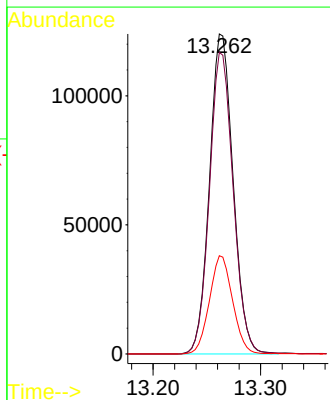
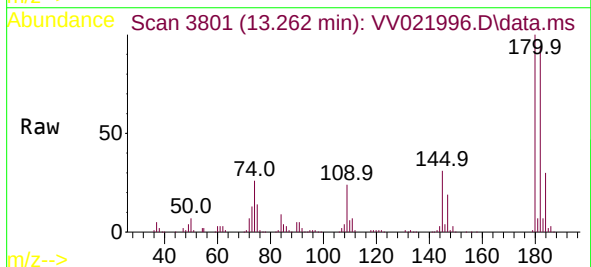
Instrument :
MSVOA_V
ClientSampleId :

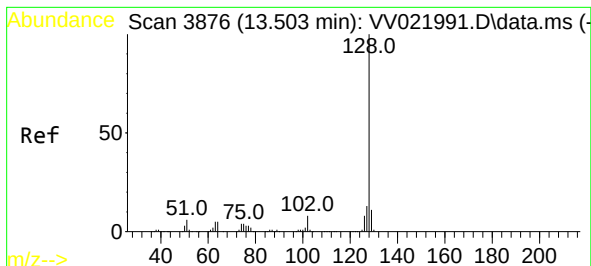
Tgt Ion:180 Resp: 211321
Ion Ratio Lower Upper
180 100
182 94.7 76.4 114.6
184 30.2 24.0 36.0
145 29.2 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 46.807 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion:180 Resp: 188925
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 30.1 23.8 35.6

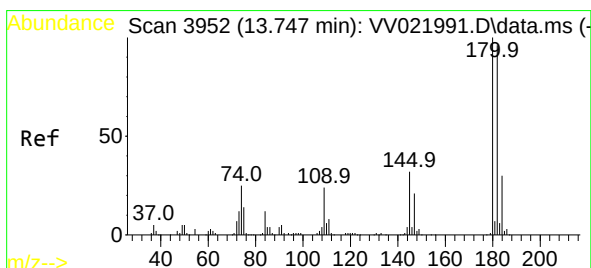
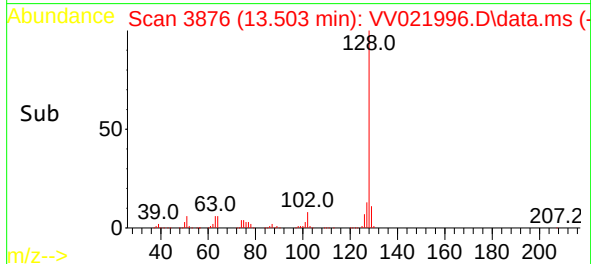
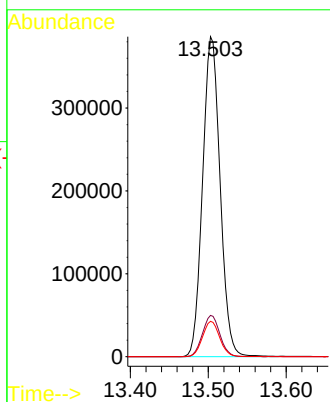
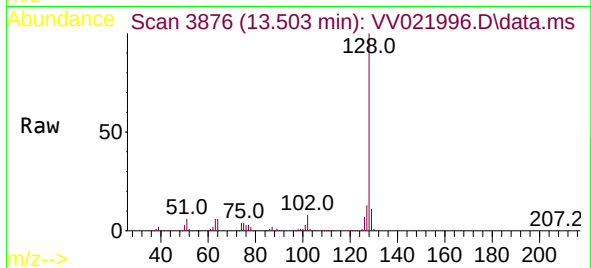




#71
Naphthalene
Concen: 51.882 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 602381
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.583 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. -0.000 min
Lab File: VV021996.D
Acq: 30 Aug 2021 11:48

Tgt Ion:180 Resp: 191263
Ion Ratio Lower Upper
180 100
182 95.3 76.3 114.5
145 31.5 25.4 38.0

