

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV021991.D
 Acq On : 30 Aug 2021 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:25:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:34:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	389204	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	370196	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	208368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	129823	48.167	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.340%			
7) Chloroethane-d5	1.561	69	105252	50.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.020%			
11) 1,1-Dichloroethene-d2	2.105	63	227045	50.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.880%			
21) 2-Butanone-d5	3.870	46	184225	99.663	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.660%			
24) Chloroform-d	4.346	84	249580	50.784	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.560%			
26) 1,2-Dichloroethane-d4	5.027	65	150183	51.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.760%			
32) Benzene-d6	5.047	84	512170	51.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.020%			
36) 1,2-Dichloropropane-d6	6.066	67	157500	49.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.760%			
41) Toluene-d8	7.313	98	484196	51.084	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.160%			
43) trans-1,3-Dichloroprop...	7.622	79	78934	52.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.040%			
47) 2-Hexanone-d5	8.085	63	125792	103.821	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.820%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	213140	52.703	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	198673	48.501	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	137823	51.516	ug/L	99
3) Chloromethane	1.240	50	137870	48.668	ug/L	98
5) Vinyl chloride	1.310	62	141549	49.574	ug/L	99
6) Bromomethane	1.513	94	86998	50.678	ug/L	98
8) Chloroethane	1.580	64	88635	49.622	ug/L	100
9) Trichlorofluoromethane	1.748	101	214016	52.634	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	124202	52.078	ug/L	99
12) 1,1-Dichloroethene	2.114	96	113270	50.455	ug/L	93
13) Acetone	2.423	43	134945	87.129	ug/L	100
14) Carbon disulfide	2.291	76	349230	51.554	ug/L	99
15) Methyl Acetate	2.423	43	149610	49.603	ug/L	99
16) Methylene chloride	2.503	84	149515	49.708	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	136394	50.248	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	425520	49.331	ug/L	99
19) 1,1-Dichloroethane	3.185	63	243126	50.289	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	150219	49.722	ug/L	98
22) 2-Butanone	3.950	43	255122	117.187	ug/L	95
23) Bromochloromethane	4.246	128	79035	49.123	ug/L	99
25) Chloroform	4.371	83	256608	50.141	ug/L	98

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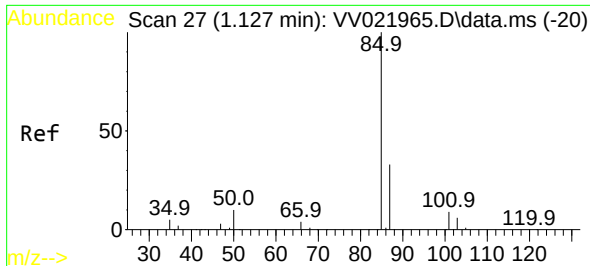
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	175368	51.119	ug/L	98
29) Cyclohexane	4.674	56	206107	49.805	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	226641	51.512	ug/L	98
31) Carbon tetrachloride	4.825	117	196083	51.873	ug/L	100
33) Benzene	5.095	78	542737	50.391	ug/L	100
34) Trichloroethene	5.912	95	150019	49.173	ug/L	99
35) Methylcyclohexane	6.130	83	225289	50.513	ug/L	99
37) 1,2-Dichloropropane	6.172	63	140094	50.178	ug/L	99
38) Bromodichloromethane	6.506	83	183931	51.515	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	226136	52.461	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	373385	98.648	ug/L	100
42) Toluene	7.387	91	588774	50.649	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	210627	52.502	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	141468	49.799	ug/L	99
46) Tetrachloroethene	7.976	164	119678	50.449	ug/L	98
48) 2-Hexanone	8.136	43	325148	110.716	ug/L	98
49) Dibromochloromethane	8.246	129	157674	51.853	ug/L	98
50) 1,2-Dibromoethane	8.352	107	153202	50.250	ug/L	100
51) Chlorobenzene	8.882	112	388573	49.717	ug/L	99
52) Ethylbenzene	9.011	91	636832	50.607	ug/L	99
53) m,p-Xylene	9.136	106	247407	50.583	ug/L	99
54) o-Xylene	9.545	106	241846	49.974	ug/L	97
55) Styrene	9.561	104	422910	51.206	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	212620	51.658	ug/L	98
59) Bromoform	9.731	173	115658	52.261	ug/L	98
60) Isopropylbenzene	9.931	105	646637	49.389	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	170980	47.346	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	543022	49.402	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	558032	49.947	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	325028	48.894	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	329880	48.495	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	319647	48.427	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	42314	48.617	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	243100	48.906	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	213317	48.784	ug/L	99
71) Naphthalene	13.503	128	606236	48.197	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	207993	48.768	ug/L	100

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

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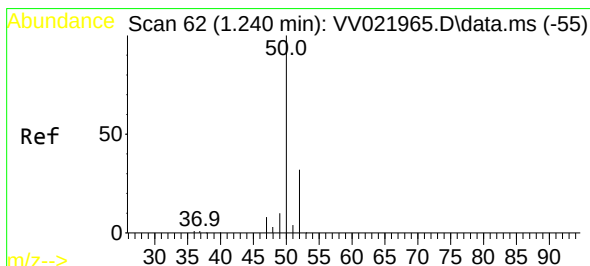
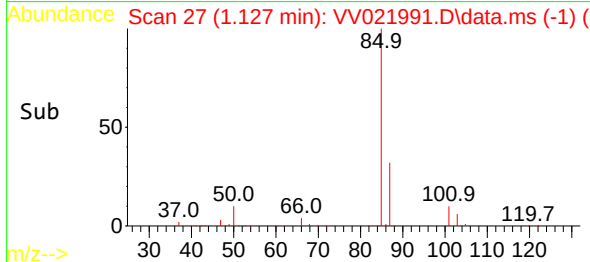
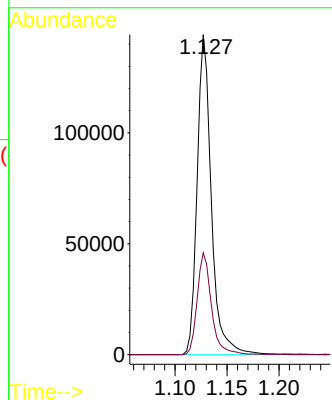
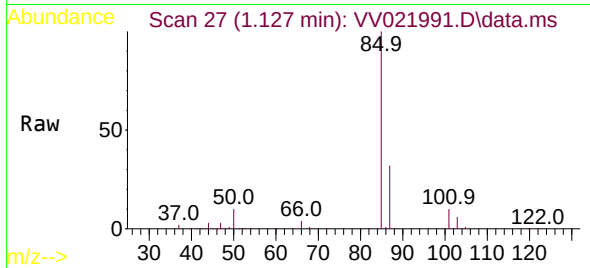




#2
 Dichlorodifluoromethane
 Concen: 51.516 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021991.D
 Acq: 30 Aug 2021 09:39

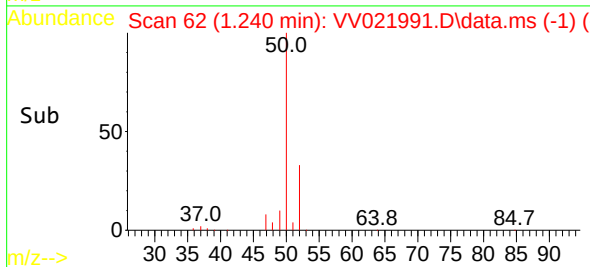
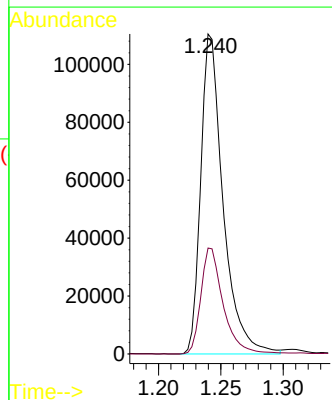
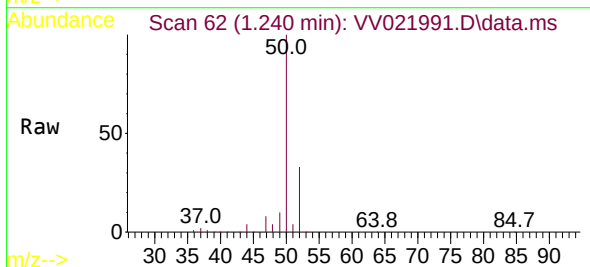
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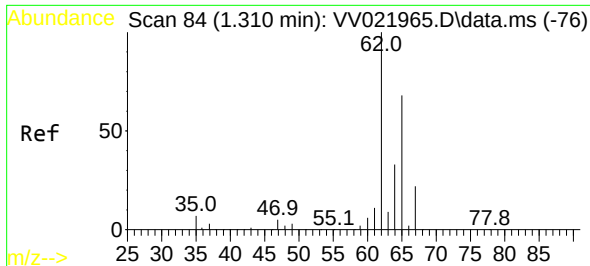
Tgt Ion: 85 Resp: 137823
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 48.668 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021991.D
 Acq: 30 Aug 2021 09:39

Tgt Ion: 50 Resp: 137870
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.5 41.9

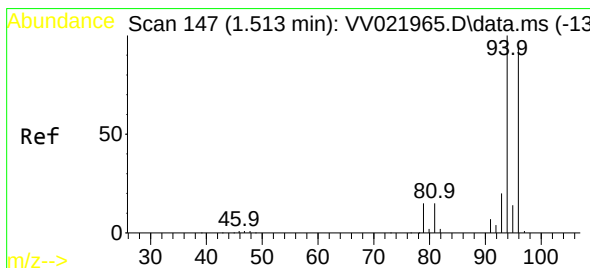
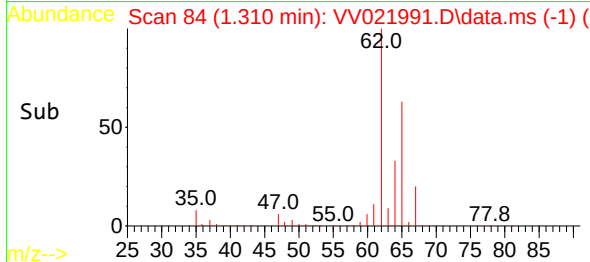
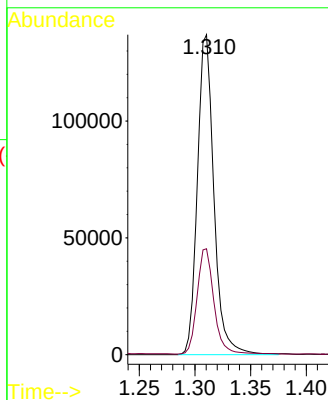
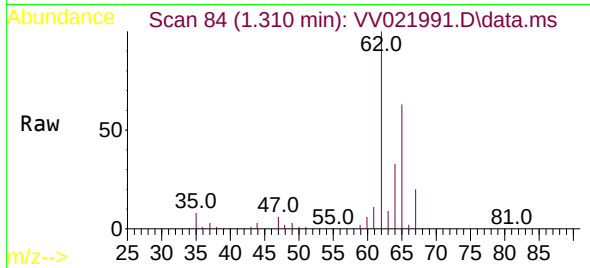




#5
 Vinyl chloride
 Concen: 49.574 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021991.D
 Acq: 30 Aug 2021 09:39

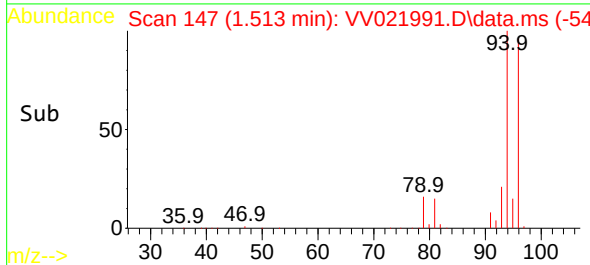
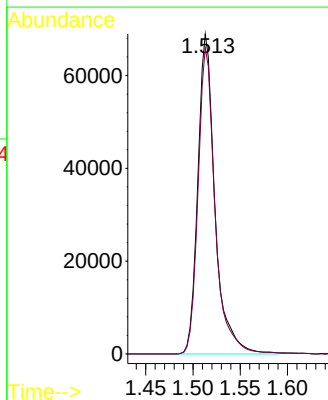
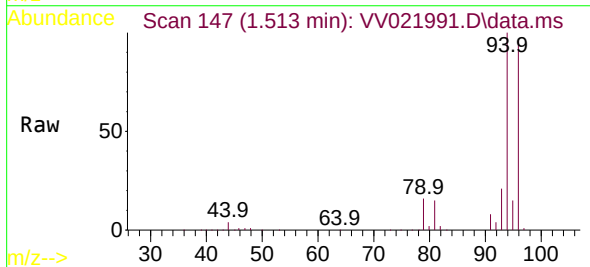
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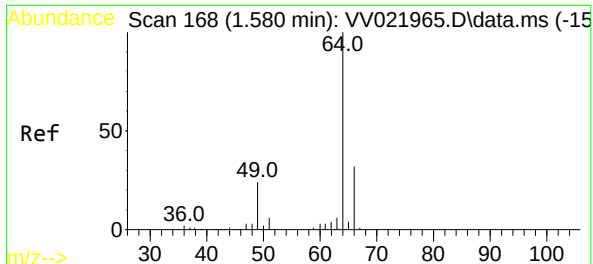
Tgt Ion: 62 Resp: 141549
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.6



#6
 Bromomethane
 Concen: 50.678 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV021991.D
 Acq: 30 Aug 2021 09:39

Tgt Ion: 94 Resp: 86998
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.8 122.2

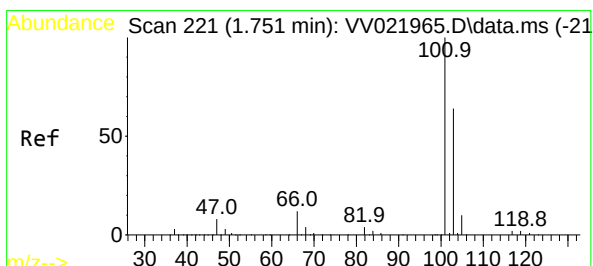
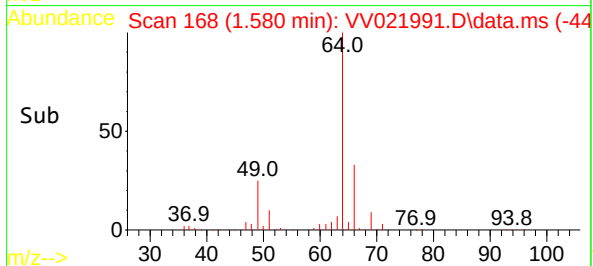
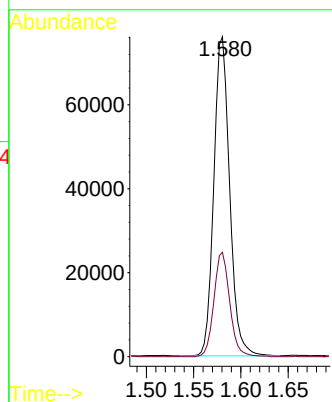
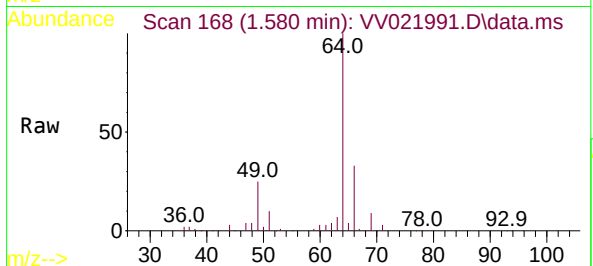




#8
Chloroethane
Concen: 49.622 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

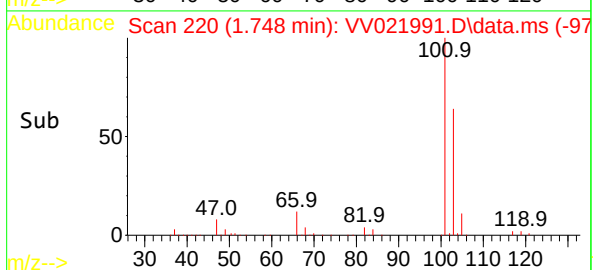
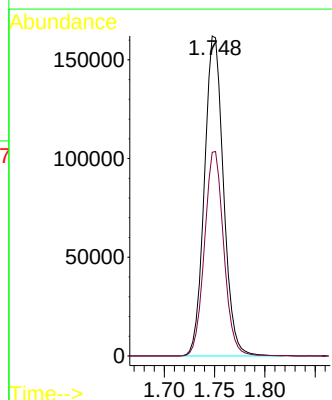
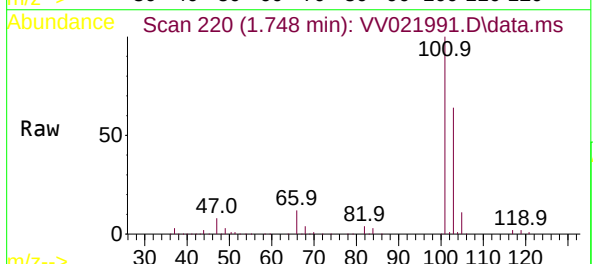
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ClientSampled :

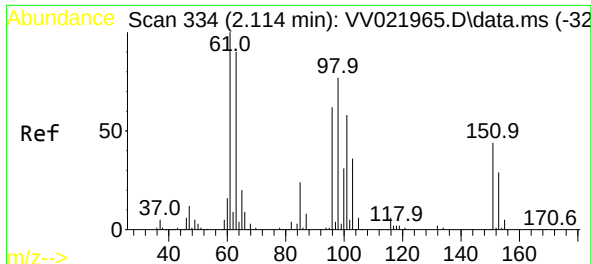
Tgt Ion: 64 Resp: 88635
Ion Ratio Lower Upper
64 100
66 32.7 22.7 42.3



#9
Trichlorofluoromethane
Concen: 52.634 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion:101 Resp: 214016
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

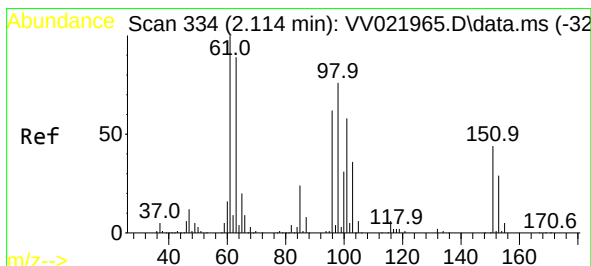
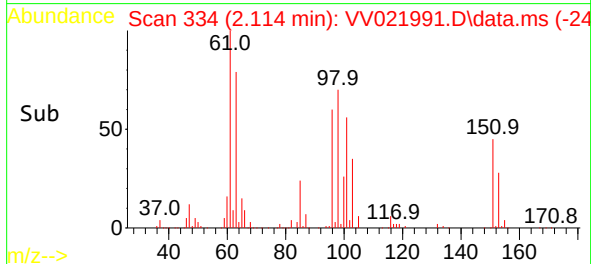
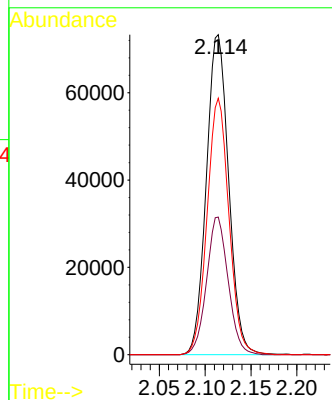
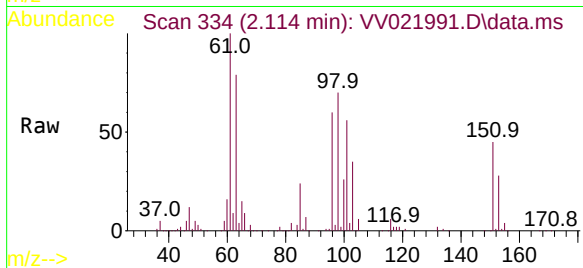




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.078 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021991.D
 Acq: 30 Aug 2021 09:39

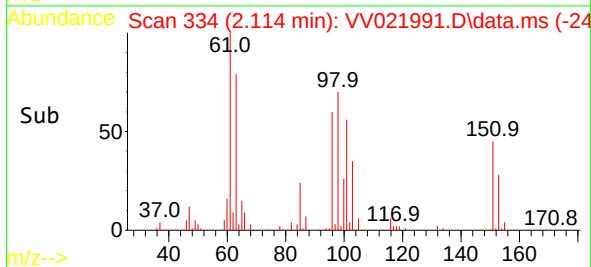
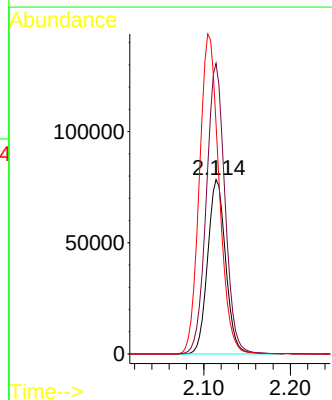
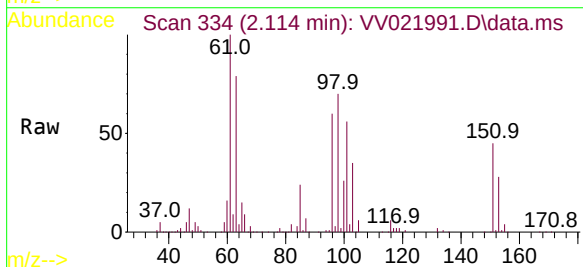
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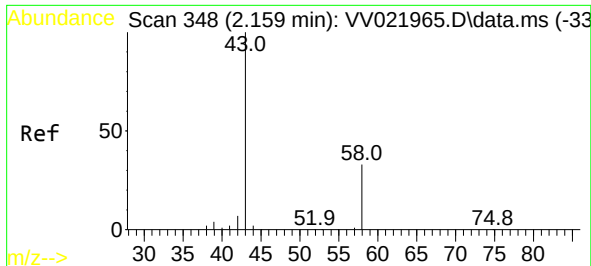
Tgt Ion:101 Resp: 124202
 Ion Ratio Lower Upper
 101 100
 85 41.6 33.4 50.0
 151 78.5 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 50.455 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021991.D
 Acq: 30 Aug 2021 09:39

Tgt Ion: 96 Resp: 113270
 Ion Ratio Lower Upper
 96 100
 61 166.6 113.2 210.2
 63 131.9 102.3 189.9

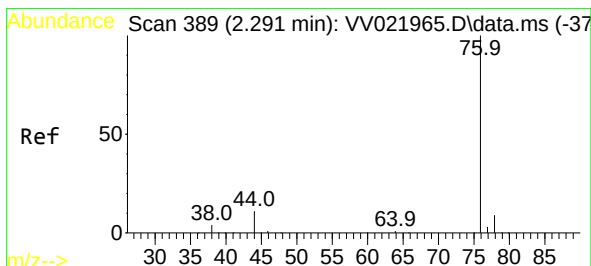
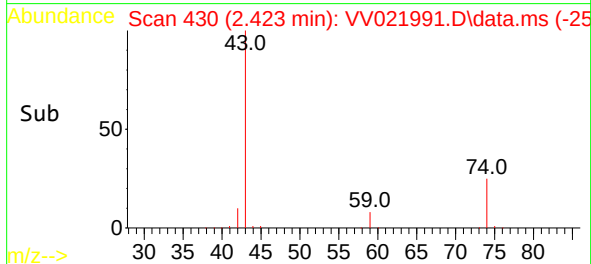
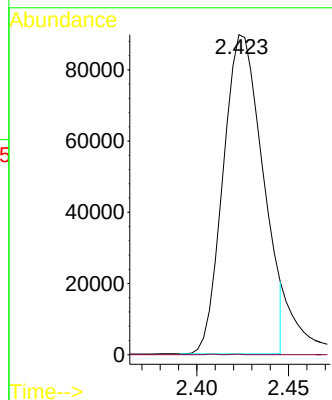
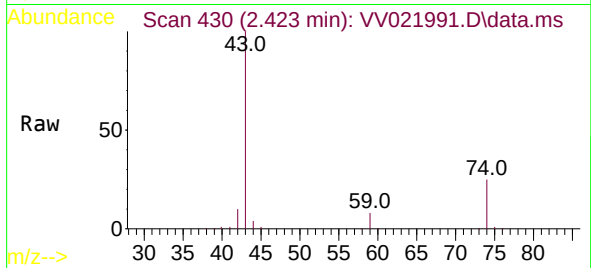




#13
Acetone
Concen: 87.129 ug/L
RT: 2.423 min Scan# 430
Delta R.T. 0.264 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

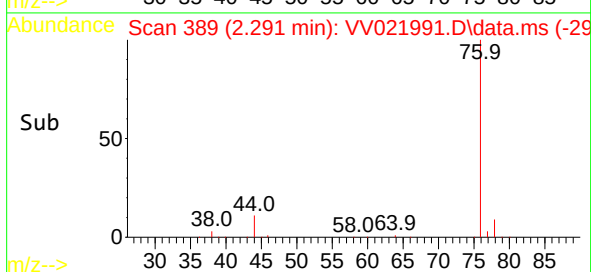
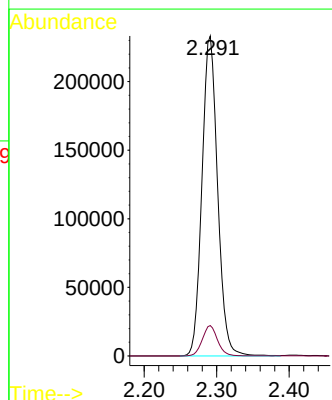
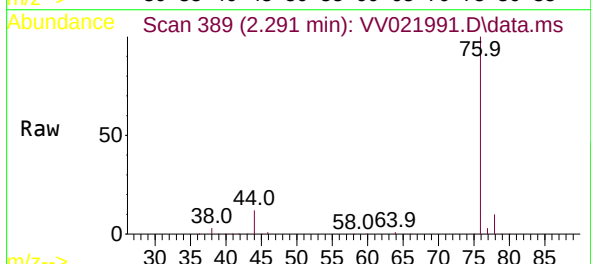
Instrument :
MSVOA_V
ClientSampleId :

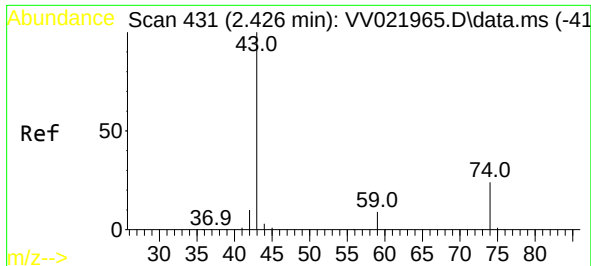
Tgt Ion: 43 Resp: 134945
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 51.554 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 76 Resp: 349230
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

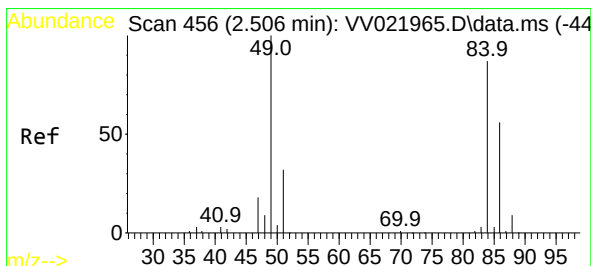
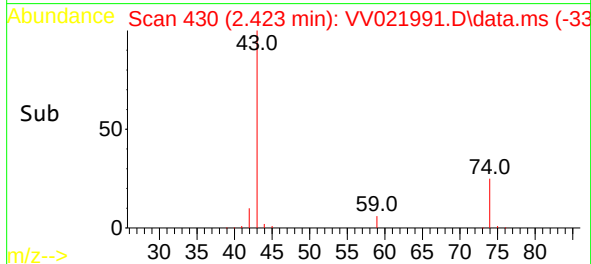
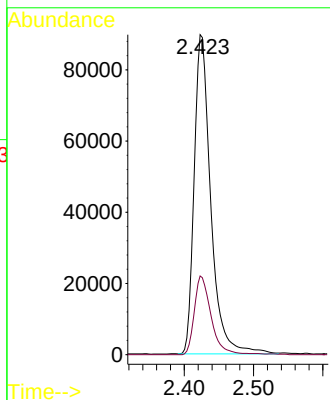
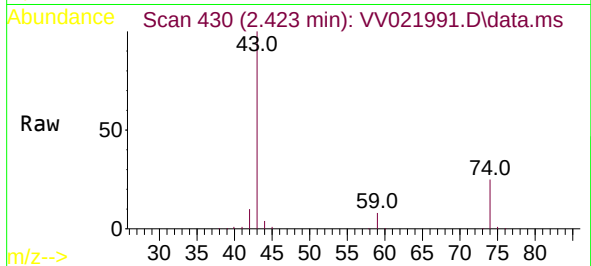




#15
Methyl Acetate
Concen: 49.603 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

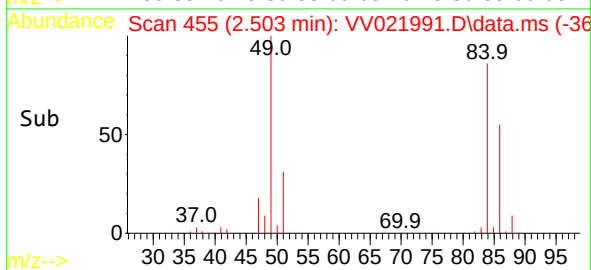
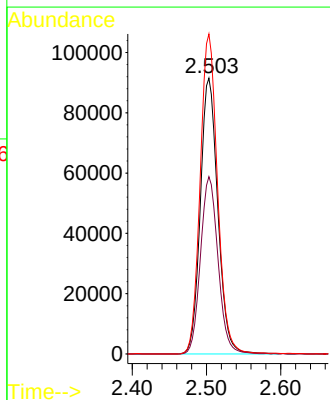
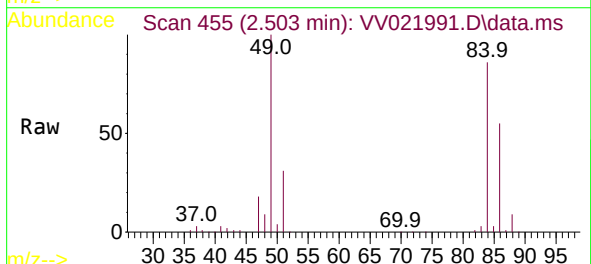
Instrument :
MSVOA_V
ClientSampled :

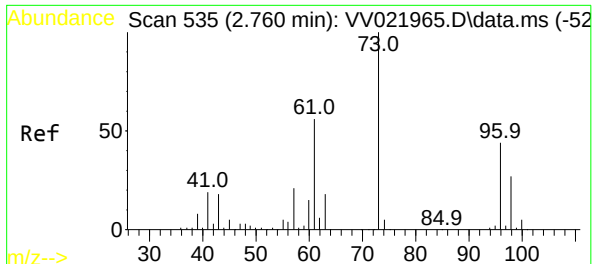
Tgt Ion: 43 Resp: 149610
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.2



#16
Methylene chloride
Concen: 49.708 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 84 Resp: 149515
Ion Ratio Lower Upper
84 100
86 64.2 44.8 83.2
49 116.0 80.2 149.0

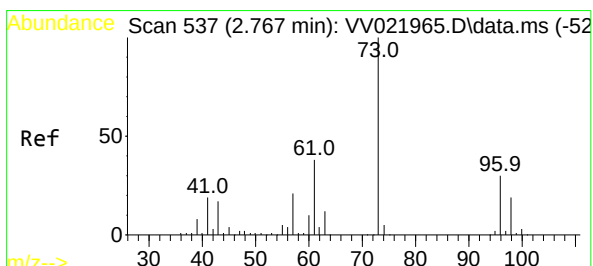
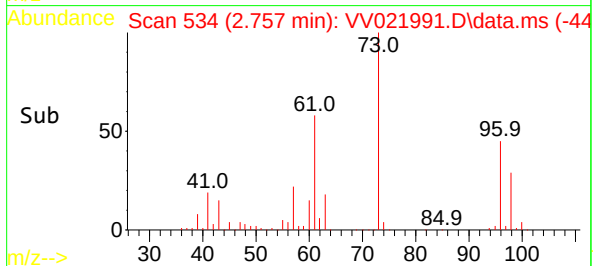
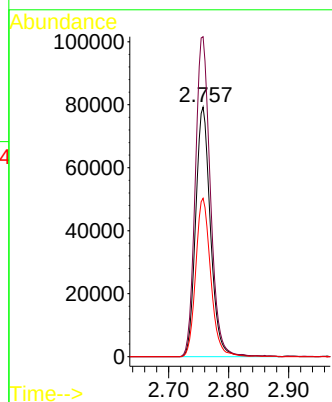
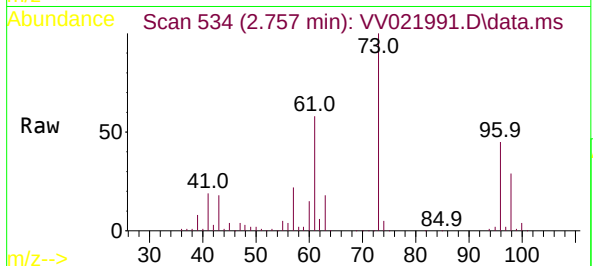




#17
trans-1,2-Dichloroethene
Concen: 50.248 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

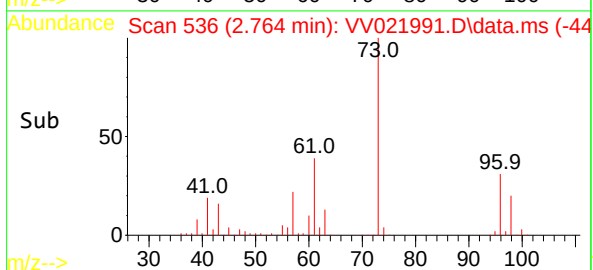
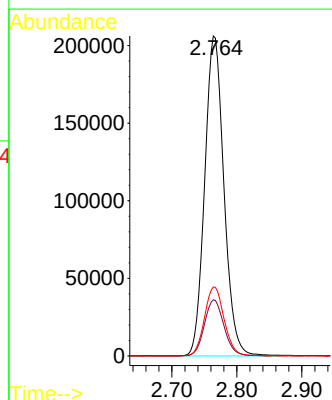
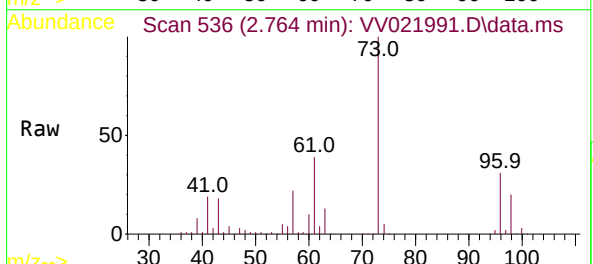
Instrument :
MSVOA_V
ClientSampleId :

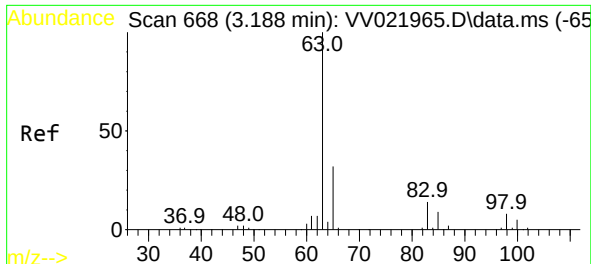
Tgt Ion: 96 Resp: 136394
Ion Ratio Lower Upper
96 100
61 128.2 89.1 165.5
98 63.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.331 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 73 Resp: 425520
Ion Ratio Lower Upper
73 100
43 17.8 13.8 20.6
57 22.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 50.289 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.003 min

Lab File: VV021991.D

Acq: 30 Aug 2021 09:39

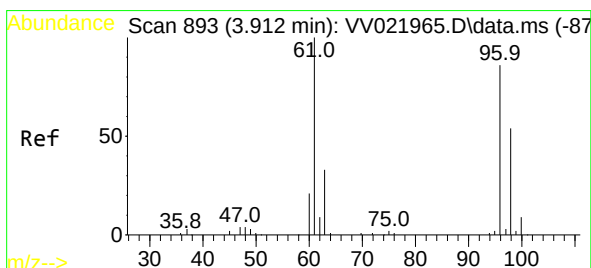
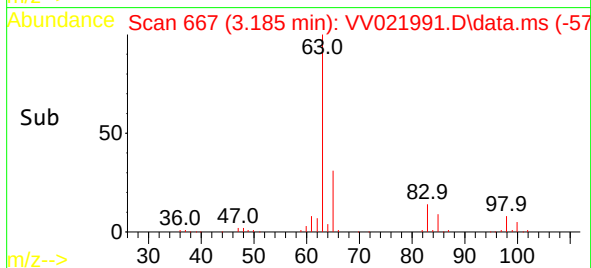
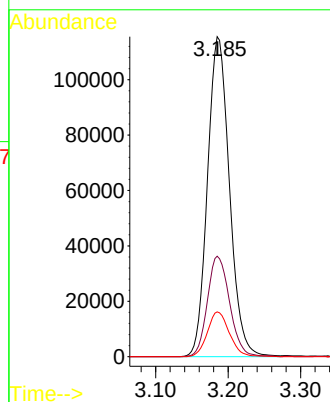
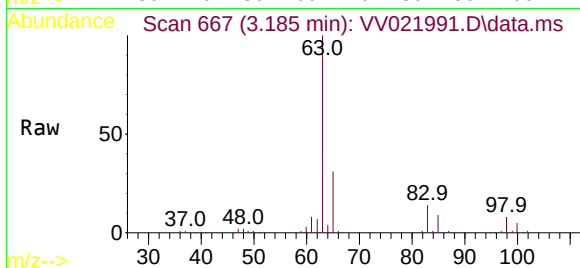
Tgt Ion: 63 Resp: 243126

Ion Ratio Lower Upper

63 100

65 31.4 22.2 41.2

83 14.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 49.722 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV021991.D

Acq: 30 Aug 2021 09:39

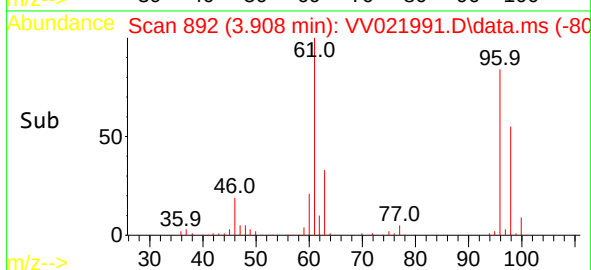
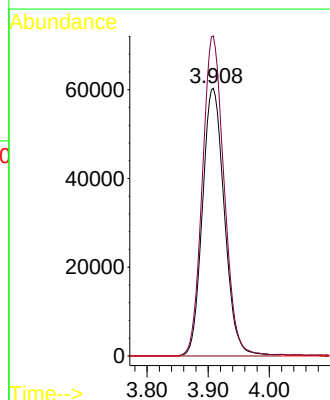
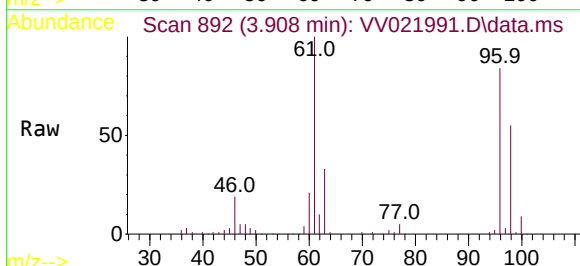
Tgt Ion: 96 Resp: 150219

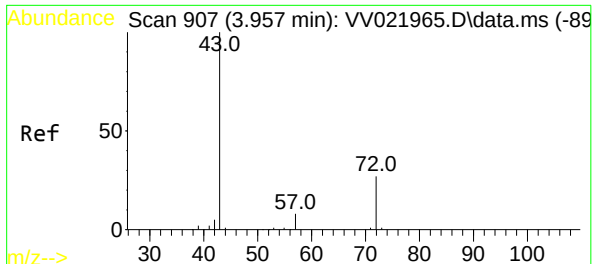
Ion Ratio Lower Upper

96 100

61 119.6 81.8 152.0

68 0.0 0.0 0.0

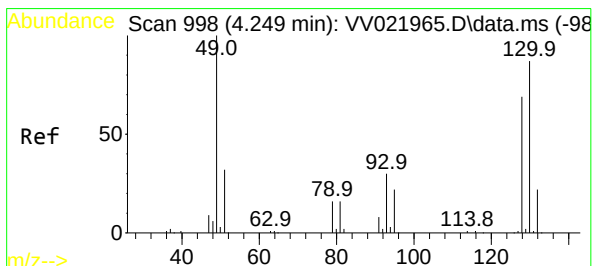
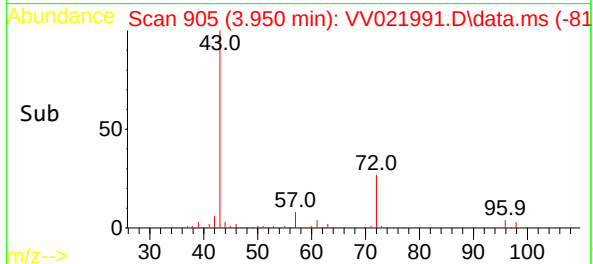
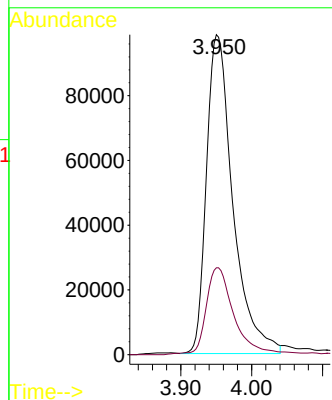
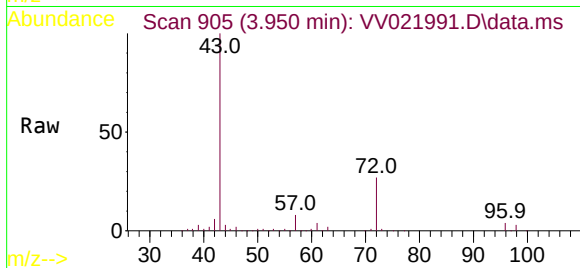




#22
2-Butanone
Concen: 117.187 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.006 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

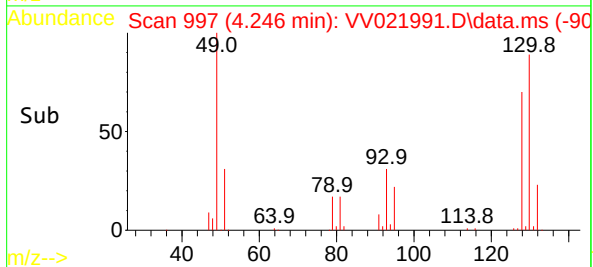
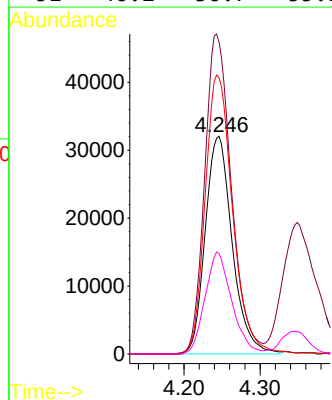
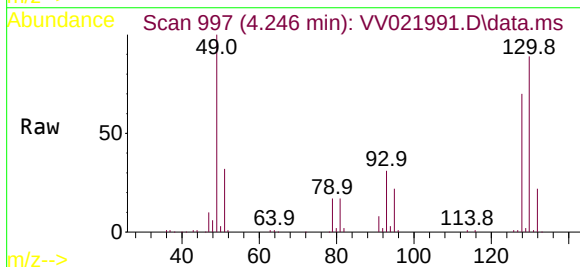
Instrument :
MSVOA_V
ClientSampled :

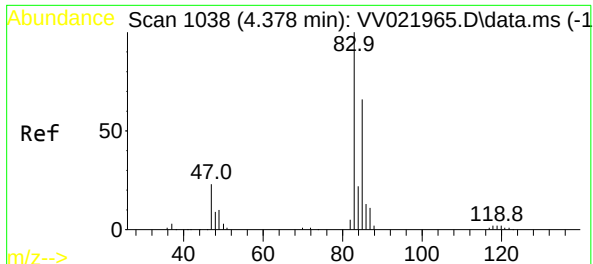
Tgt Ion: 43 Resp: 255122
Ion Ratio Lower Upper
43 100
72 28.9 13.3 39.8



#23
Bromochloromethane
Concen: 49.123 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 128 Resp: 79035
Ion Ratio Lower Upper
128 100
49 143.4 101.6 188.8
130 126.9 88.5 164.3
51 46.2 36.7 55.1





#25

Chloroform

Concen: 50.141 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV021991.D

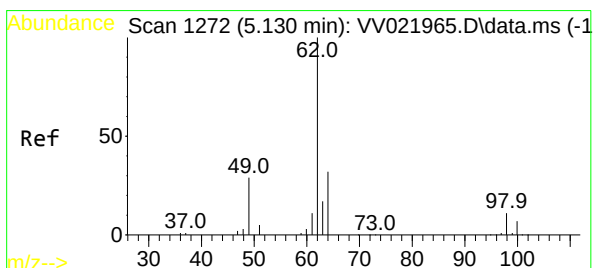
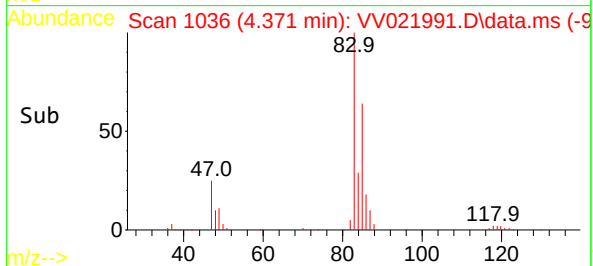
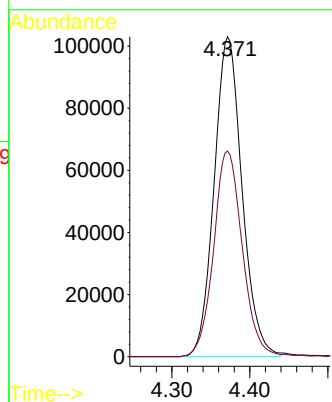
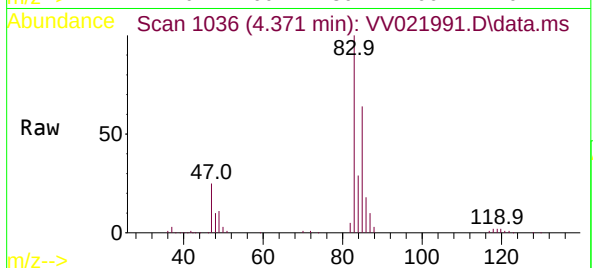
Acq: 30 Aug 2021 09:39

Tgt Ion: 83 Resp: 256608

Ion Ratio Lower Upper

83 100

85 64.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 51.119 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV021991.D

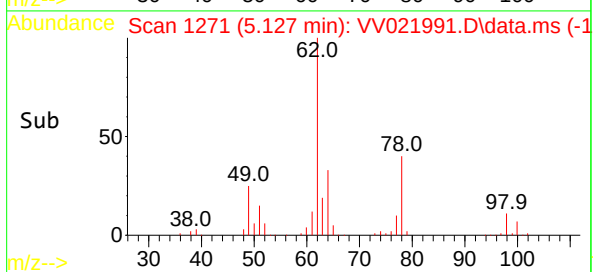
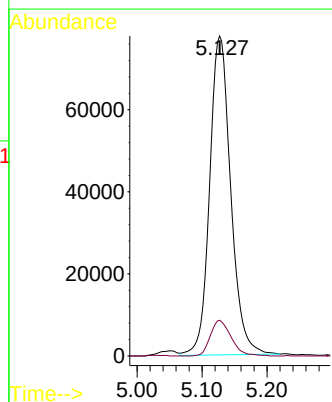
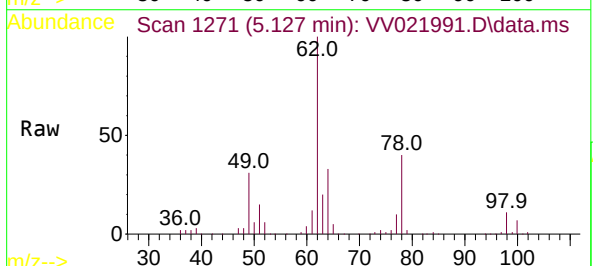
Acq: 30 Aug 2021 09:39

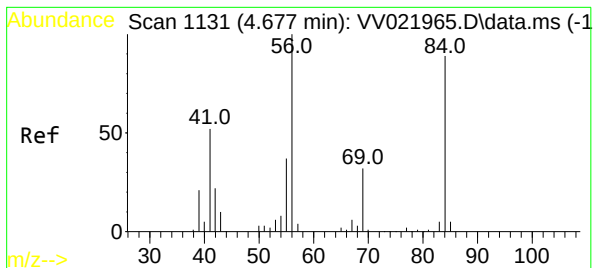
Tgt Ion: 62 Resp: 175368

Ion Ratio Lower Upper

62 100

98 11.2 8.5 12.7

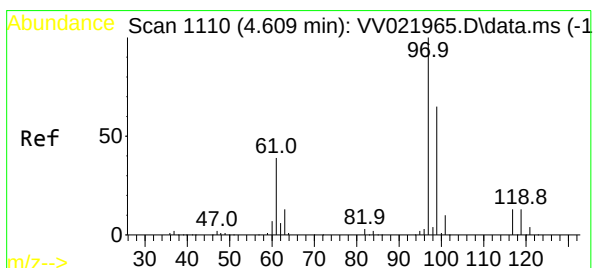
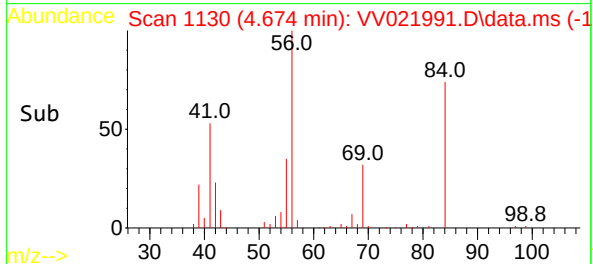
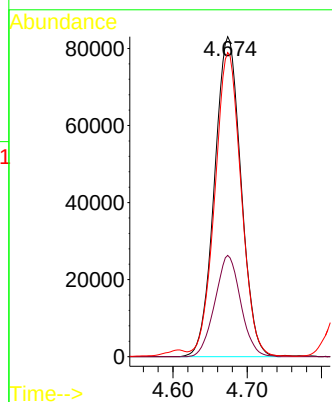
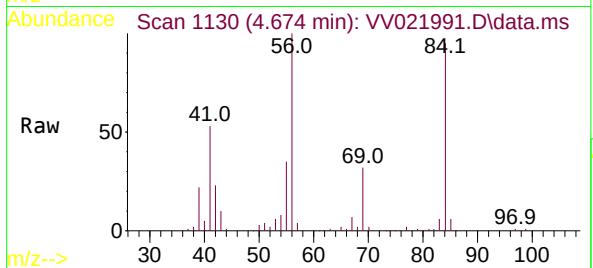




#29
Cyclohexane
Concen: 49.805 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

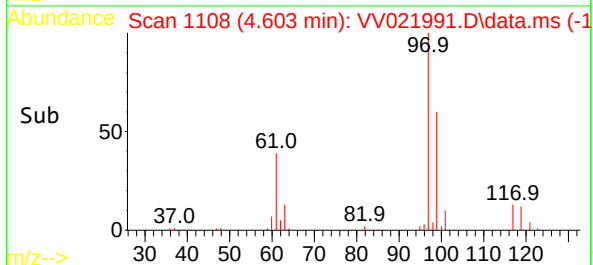
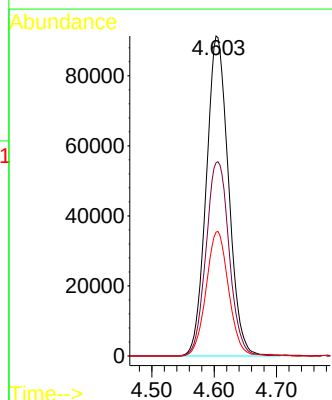
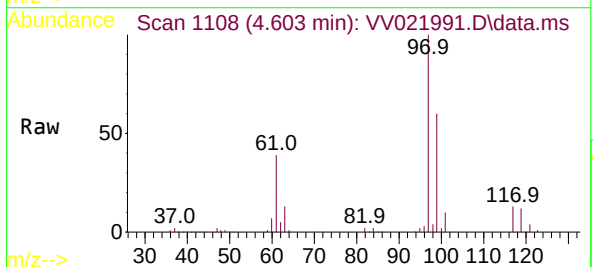
Instrument :
MSVOA_V
ClientSampled :

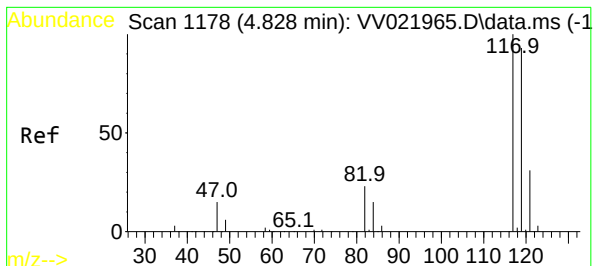
Tgt Ion: 56 Resp: 206107
Ion Ratio Lower Upper
56 100
69 30.8 25.2 37.8
84 93.7 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 51.512 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 97 Resp: 226641
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 39.3 31.8 47.8

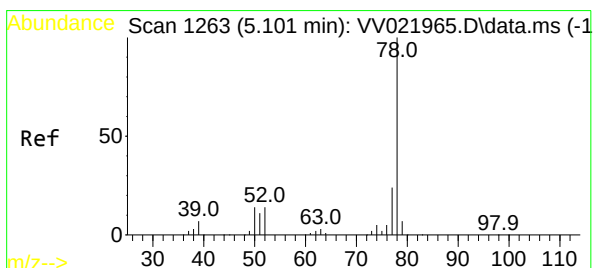
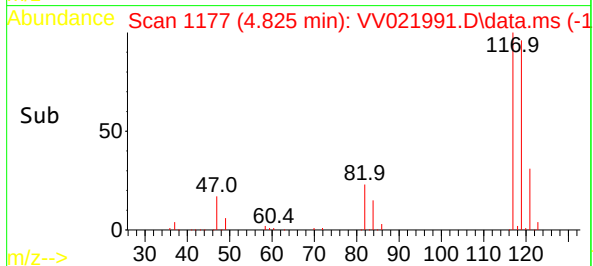
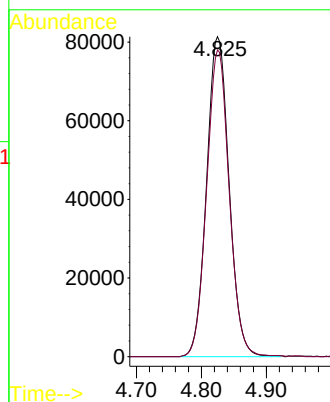
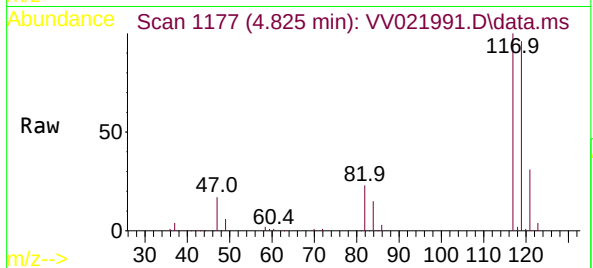




#31
Carbon tetrachloride
Concen: 51.873 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

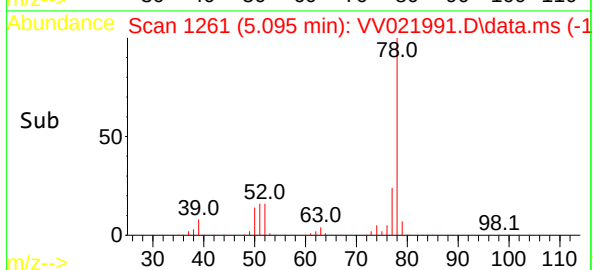
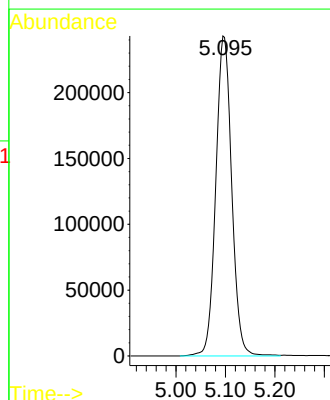
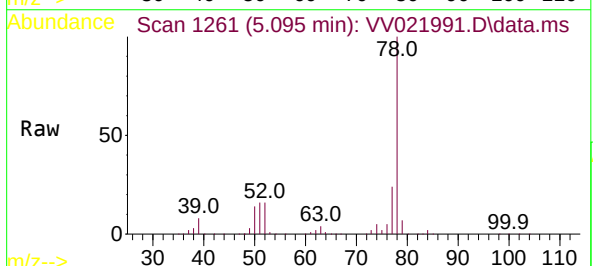
Instrument :
MSVOA_V
ClientSampled :

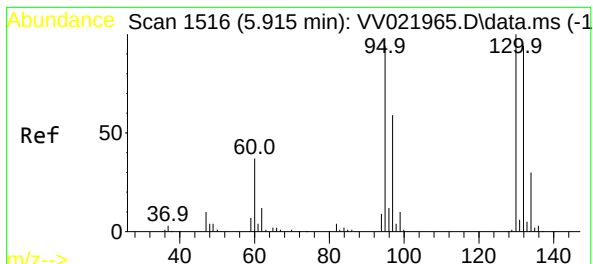
Tgt Ion:117 Resp: 196083
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#33
Benzene
Concen: 50.391 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 78 Resp: 542737

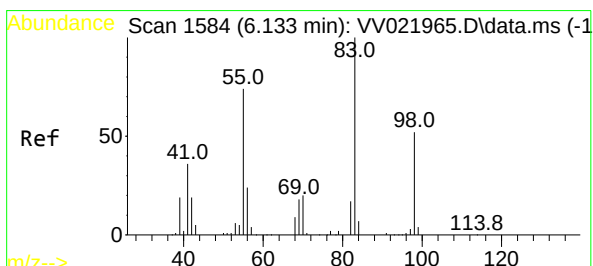
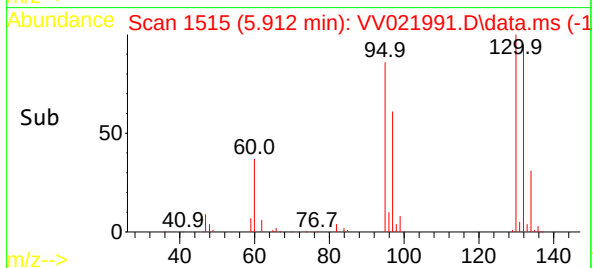
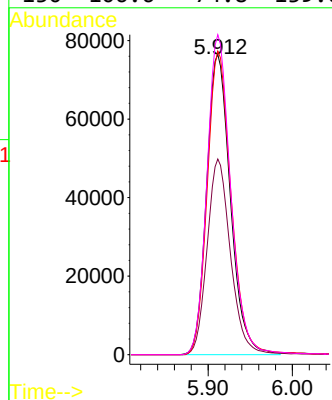
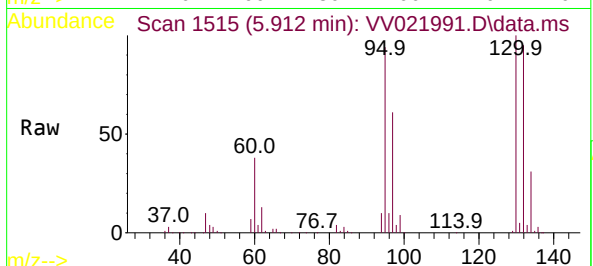




#34
Trichloroethene
Concen: 49.173 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

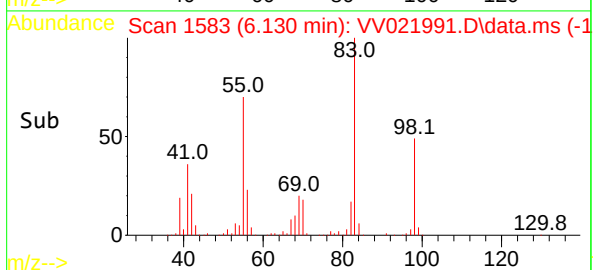
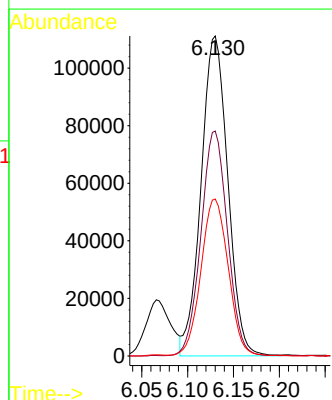
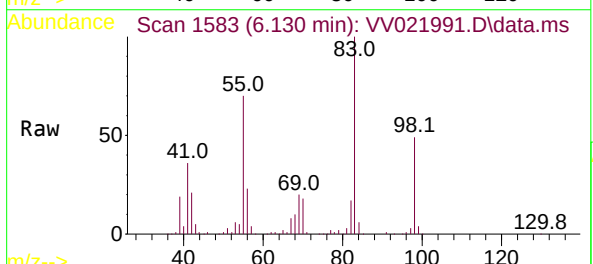
Instrument :
MSVOA_V
ClientSampleId :

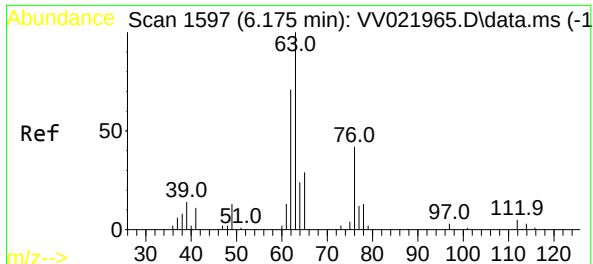
Tgt Ion: 95 Resp: 150019
Ion Ratio Lower Upper
95 100
97 65.2 44.1 81.9
132 101.1 70.7 131.3
130 106.6 74.8 139.0



#35
Methylcyclohexane
Concen: 50.513 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 83 Resp: 225289
Ion Ratio Lower Upper
83 100
55 69.9 56.8 85.2
98 50.3 39.9 59.9

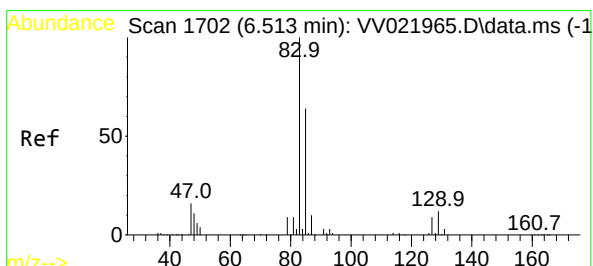
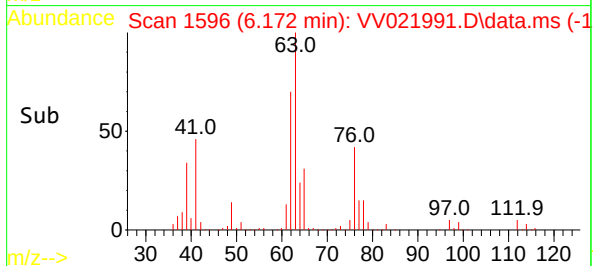
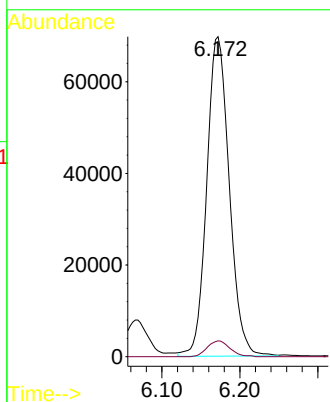
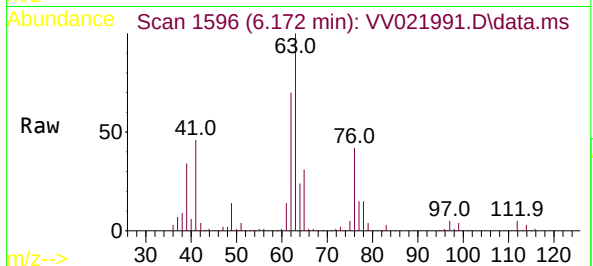




#37
1,2-Dichloropropane
Concen: 50.178 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

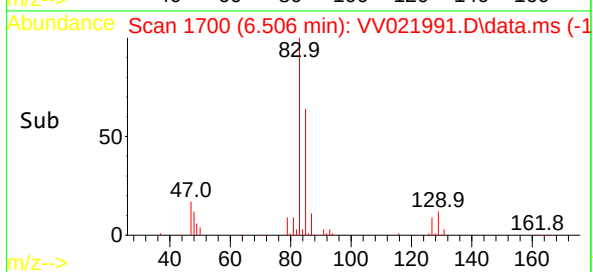
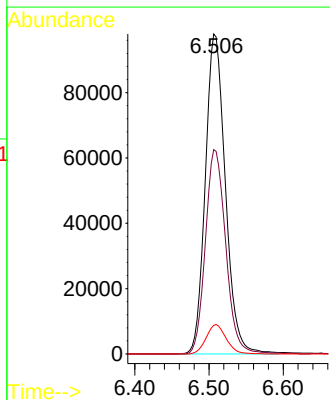
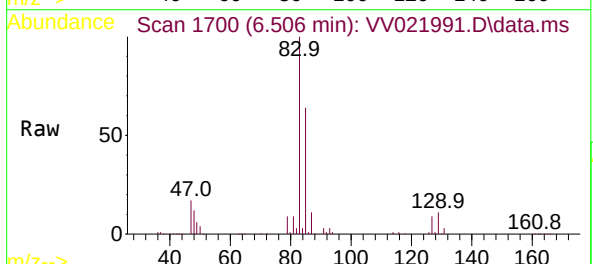
Instrument :
MSVOA_V
ClientSampleId :

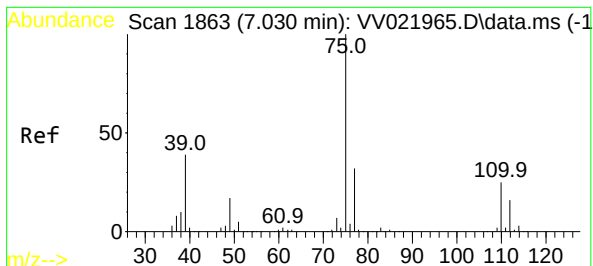
Tgt Ion: 63 Resp: 140094
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 51.515 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 83 Resp: 183931
Ion Ratio Lower Upper
83 100
85 63.9 44.8 83.2
127 9.0 7.3 10.9

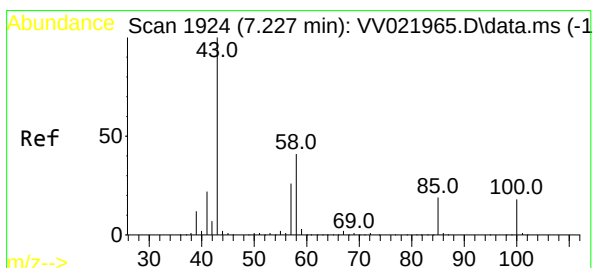
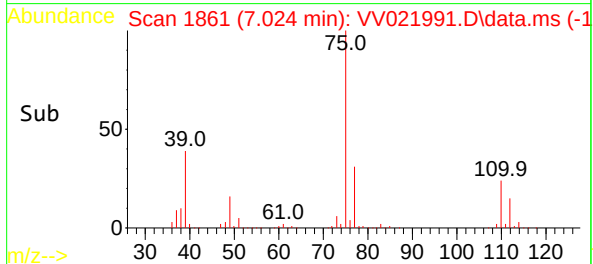
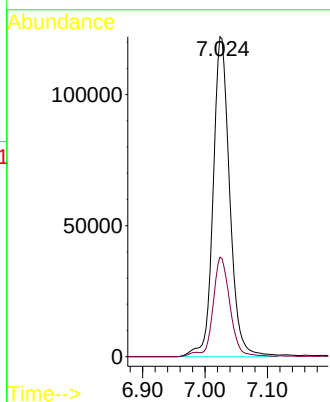
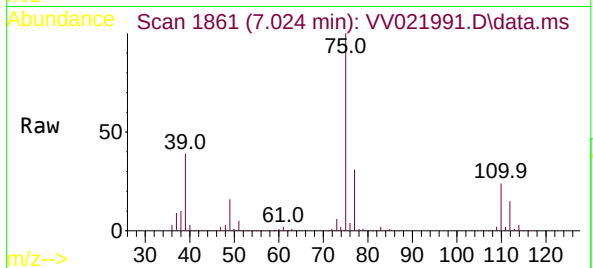




#39
 cis-1,3-Dichloropropene
 Concen: 52.461 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VV021991.D
 Acq: 30 Aug 2021 09:39

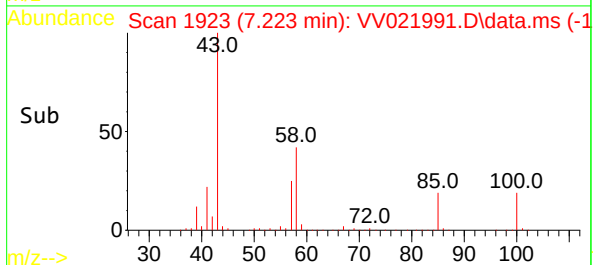
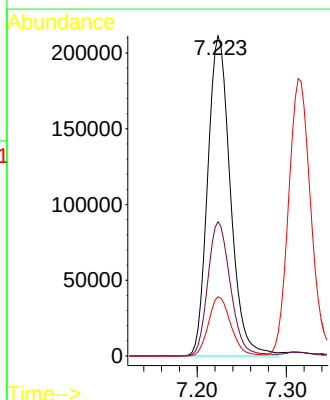
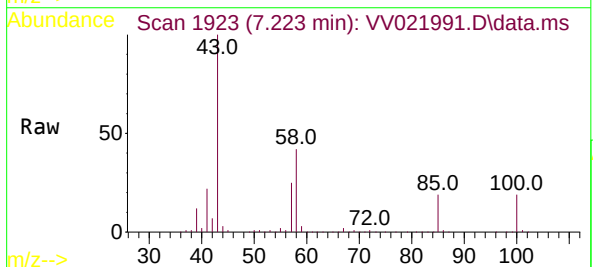
Instrument :
 MSVOA_V
 ClientSampled :

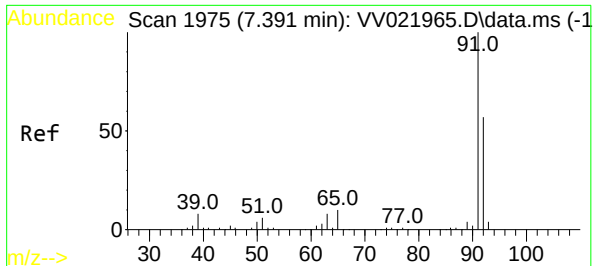
Tgt Ion: 75 Resp: 226136
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 98.648 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV021991.D
 Acq: 30 Aug 2021 09:39

Tgt Ion: 43 Resp: 373385
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.3 49.9
 100 18.3 14.5 21.7





#42

Toluene

Concen: 50.649 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV021991.D

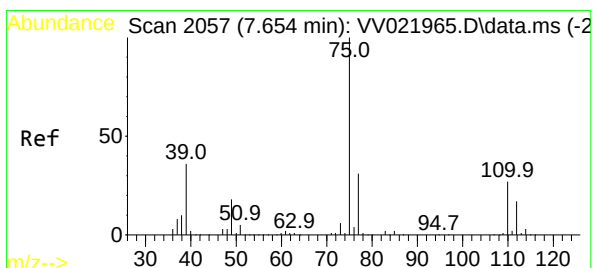
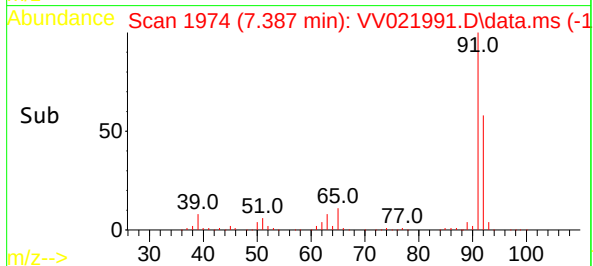
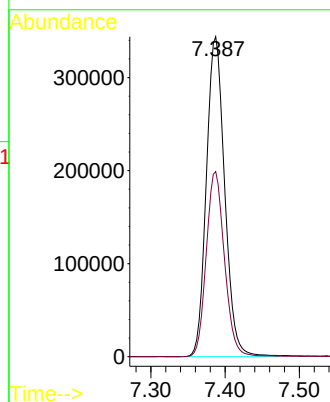
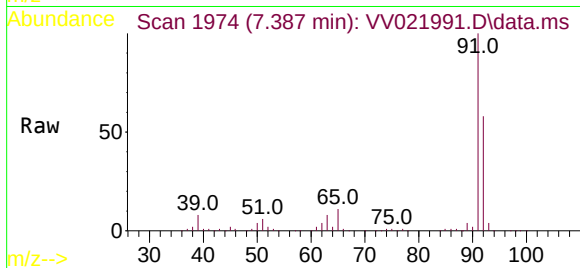
Acq: 30 Aug 2021 09:39

Tgt Ion: 91 Resp: 588774

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 52.502 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VV021991.D

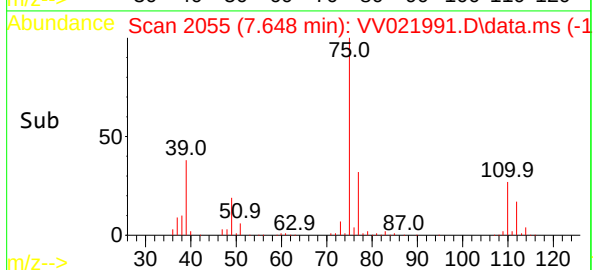
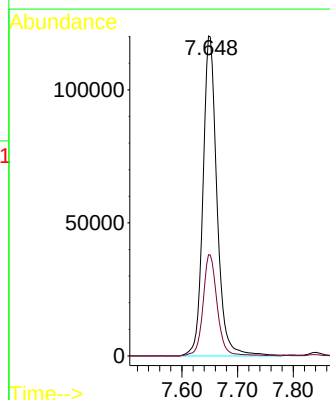
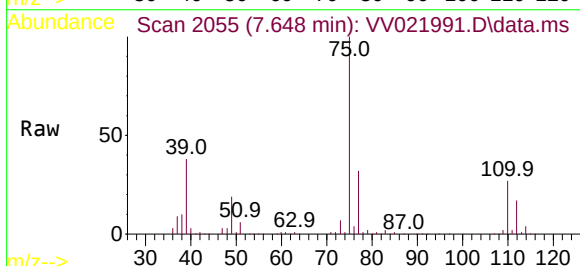
Acq: 30 Aug 2021 09:39

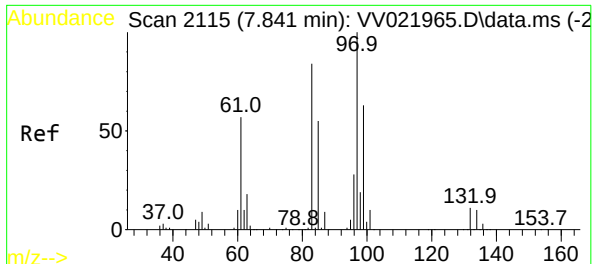
Tgt Ion: 75 Resp: 210627

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6



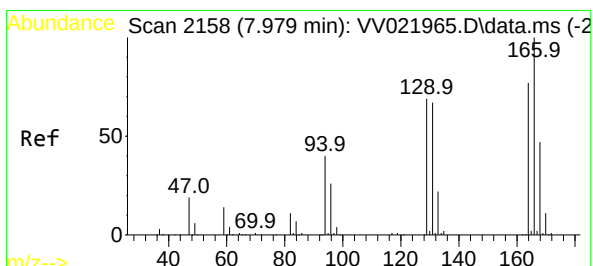
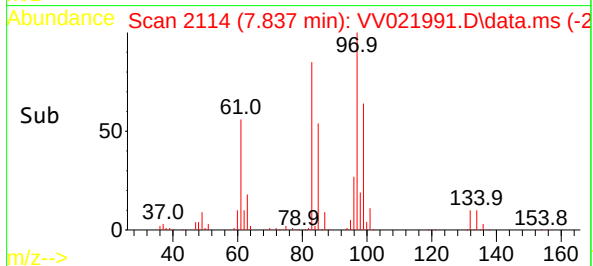
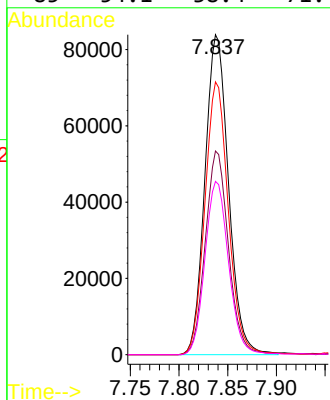
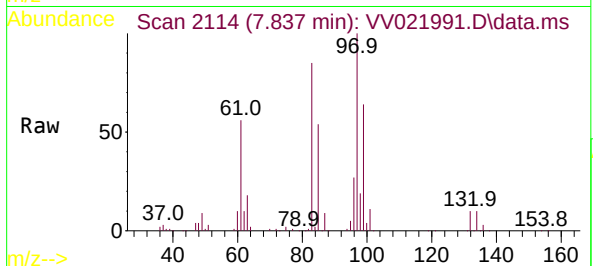


#45
1,1,2-Trichloroethane
Concen: 49.799 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 141468

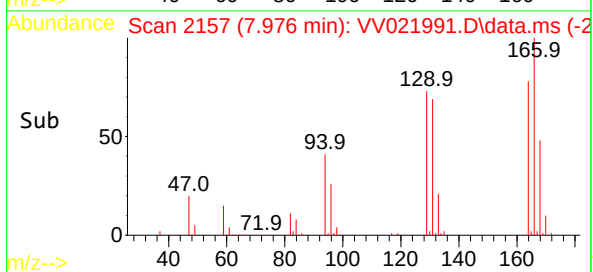
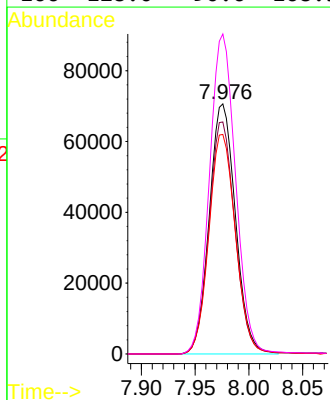
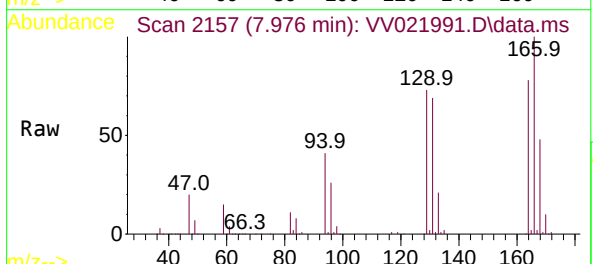
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.8	81.4
83	85.2	58.8	109.2
85	54.1	38.4	71.4

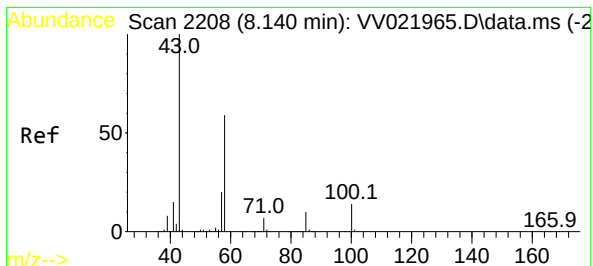


#46
Tetrachloroethene
Concen: 50.449 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 164 Resp: 119678

Ion	Ratio	Lower	Upper
164	100		
129	92.8	62.9	116.9
131	87.8	61.0	113.4
166	128.0	90.6	168.3





#48

2-Hexanone

Concen: 110.716 ug/L

RT: 8.136 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VV021991.D

Acq: 30 Aug 2021 09:39

Tgt Ion: 43 Resp: 325148

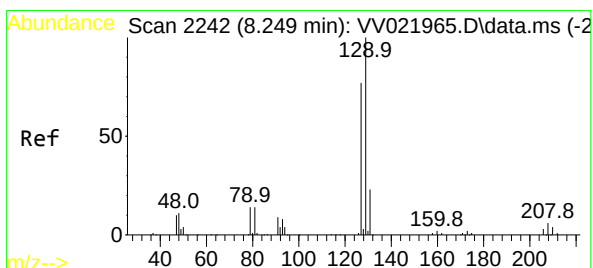
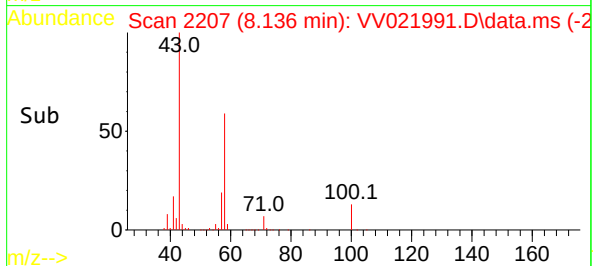
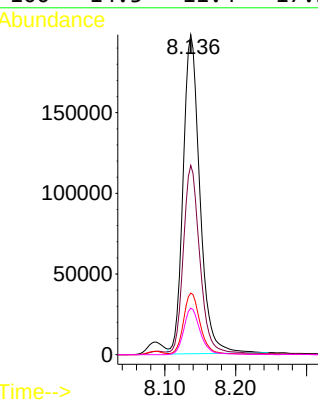
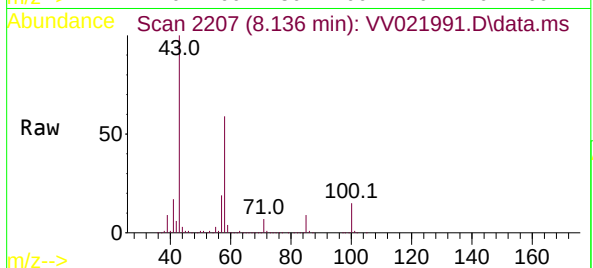
Ion Ratio Lower Upper

43 100

58 57.8 47.5 71.3

57 18.5 15.9 23.9

100 14.3 11.4 17.2



#49

Dibromochloromethane

Concen: 51.853 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV021991.D

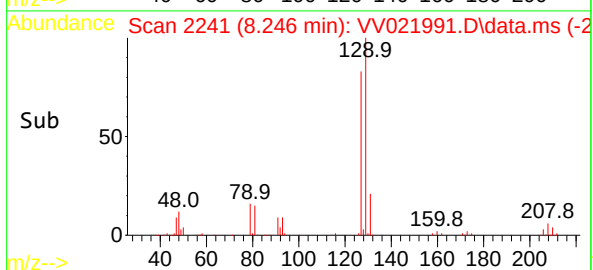
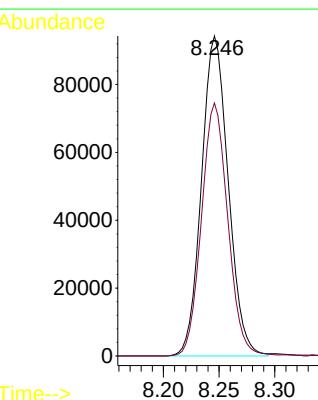
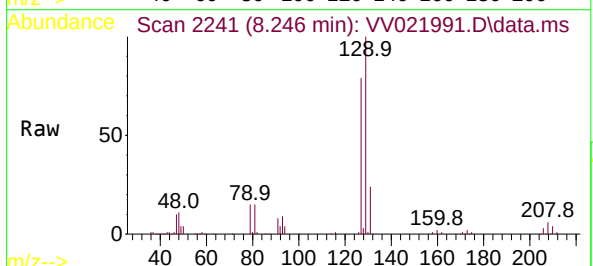
Acq: 30 Aug 2021 09:39

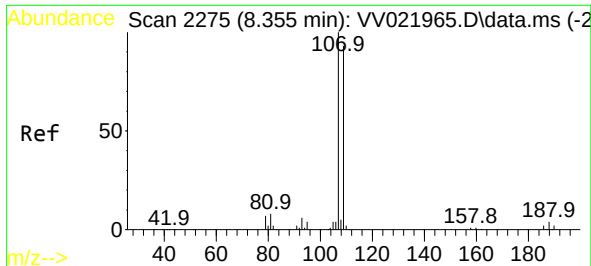
Tgt Ion:129 Resp: 157674

Ion Ratio Lower Upper

129 100

127 79.0 54.1 100.5

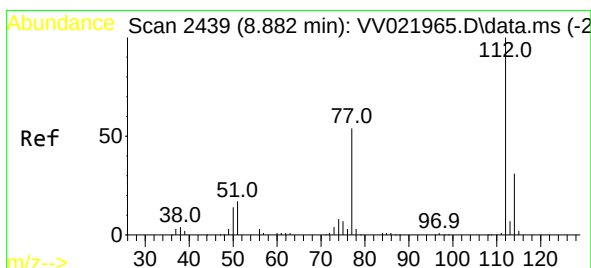
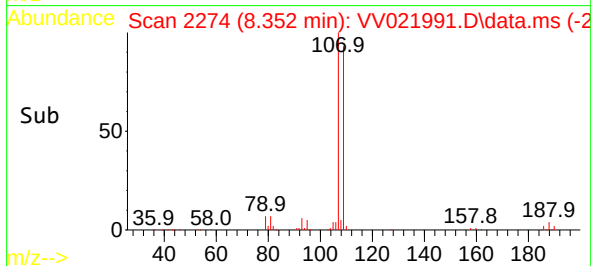
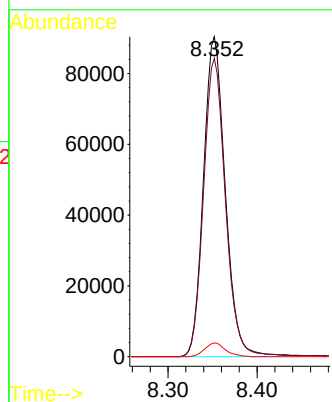
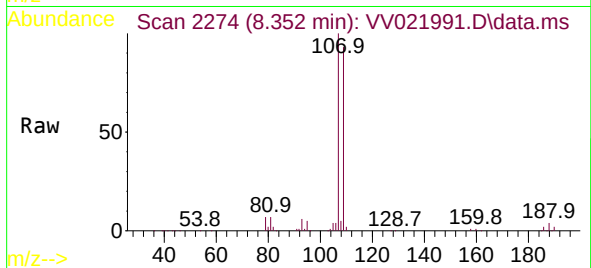




#50
1,2-Dibromoethane
Concen: 50.250 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

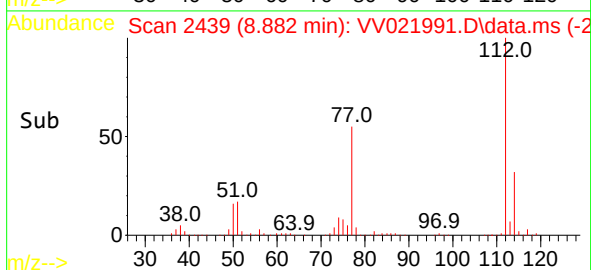
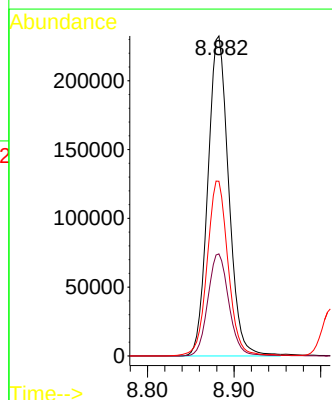
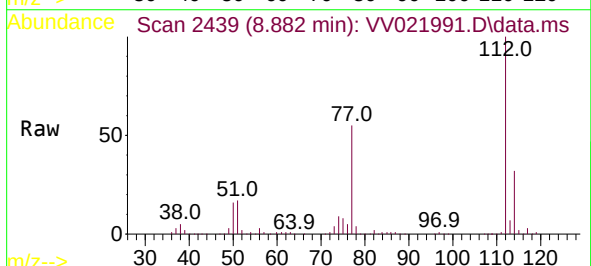
Instrument :
MSVOA_V
ClientSampled :

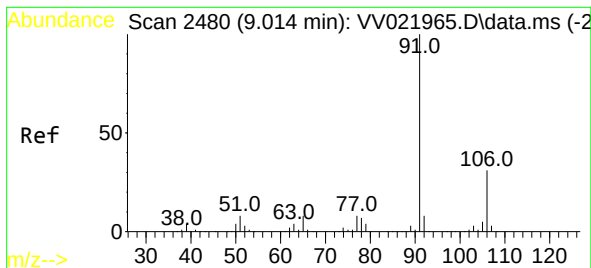
Tgt Ion:107 Resp: 153202
Ion Ratio Lower Upper
107 100
109 93.2 65.5 121.6
188 4.3 3.2 4.8



#51
Chlorobenzene
Concen: 49.717 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion:112 Resp: 388573
Ion Ratio Lower Upper
112 100
114 31.9 22.0 41.0
77 54.6 43.2 64.8

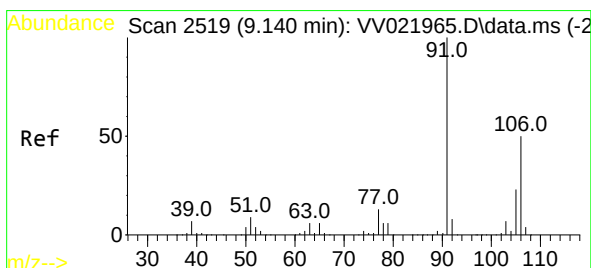
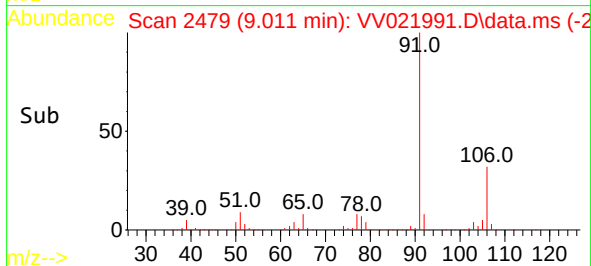
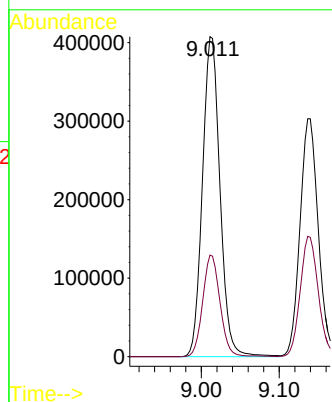
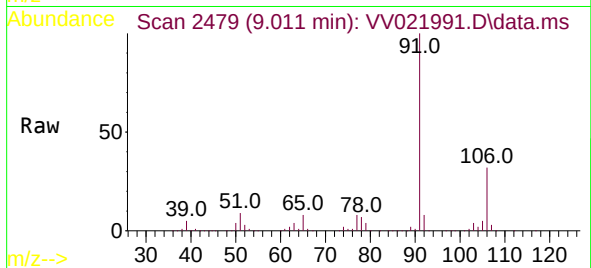




#52
Ethylbenzene
Concen: 50.607 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

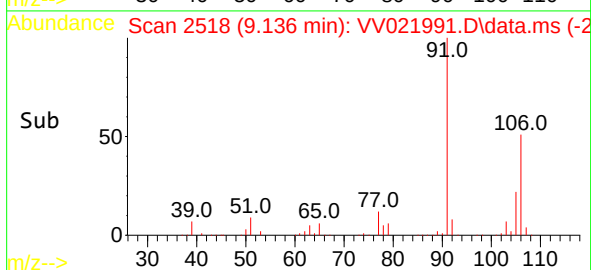
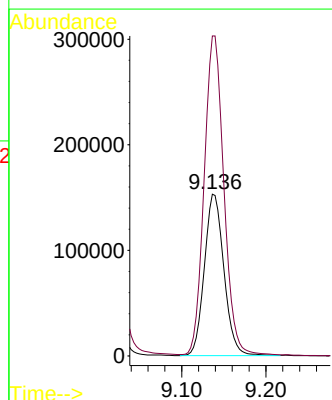
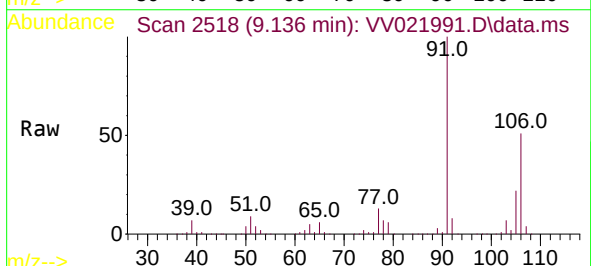
Instrument :
MSVOA_V
ClientSampled :

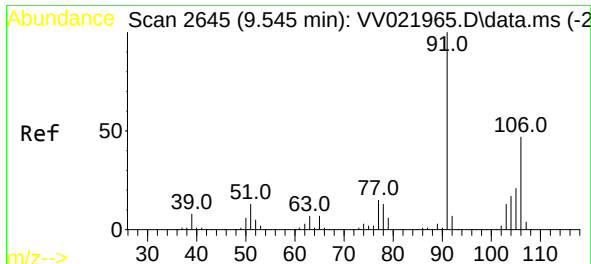
Tgt Ion: 91 Resp: 636832
Ion Ratio Lower Upper
91 100
106 31.8 21.7 40.3



#53
m,p-Xylene
Concen: 50.583 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 106 Resp: 247407
Ion Ratio Lower Upper
106 100
91 197.8 139.1 258.3

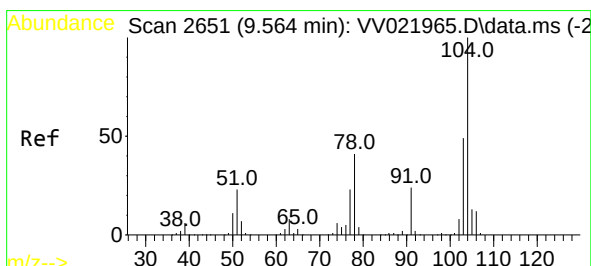
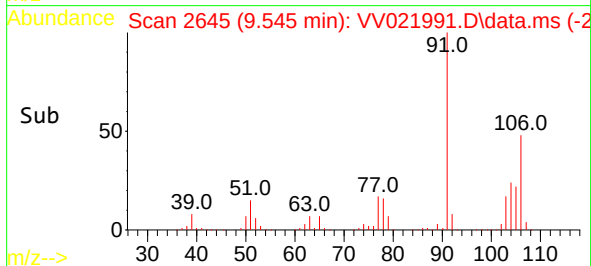
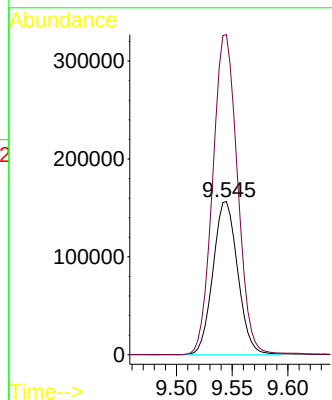
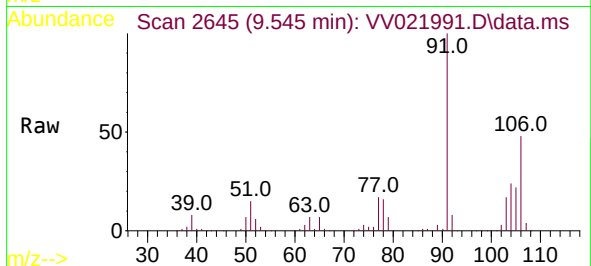




#54
o-Xylene
Concen: 49.974 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

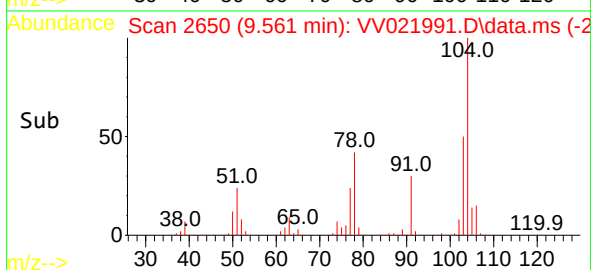
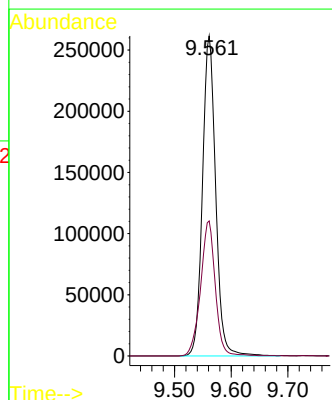
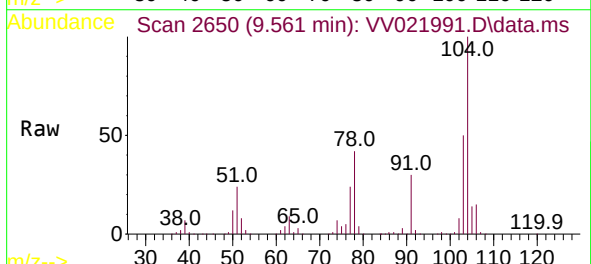
Instrument :
MSVOA_V
ClientSampled :

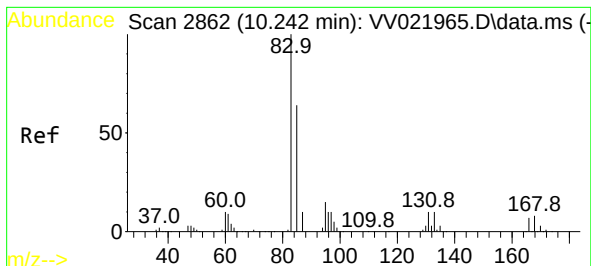
Tgt Ion:106 Resp: 241846
Ion Ratio Lower Upper
106 100
91 209.0 150.1 278.9



#55
Styrene
Concen: 51.206 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion:104 Resp: 422910
Ion Ratio Lower Upper
104 100
78 42.2 28.6 53.2

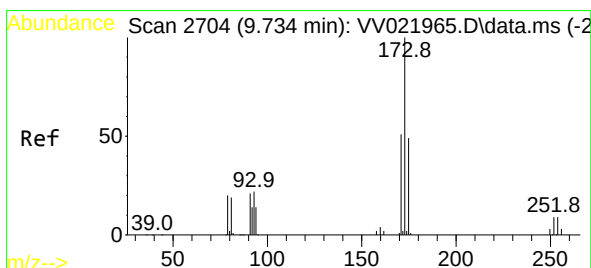
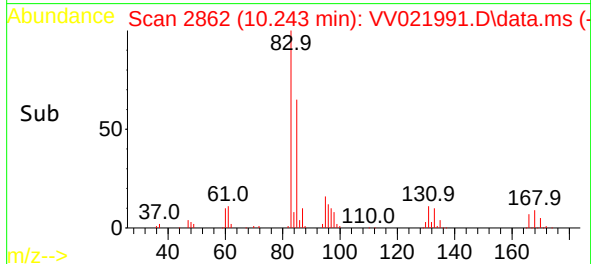
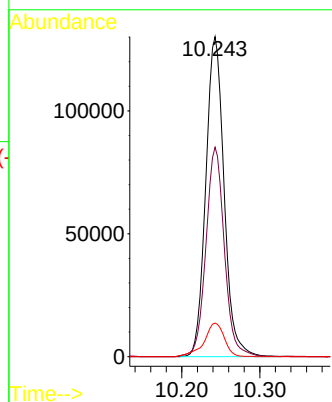
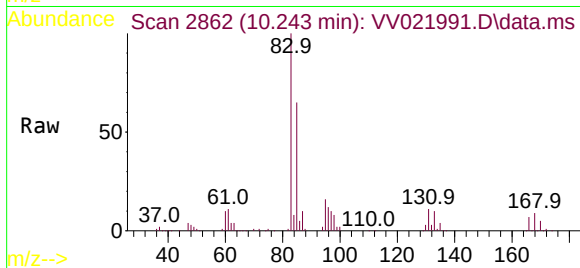




#57
1,1,2,2-Tetrachloroethane
Concen: 51.658 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

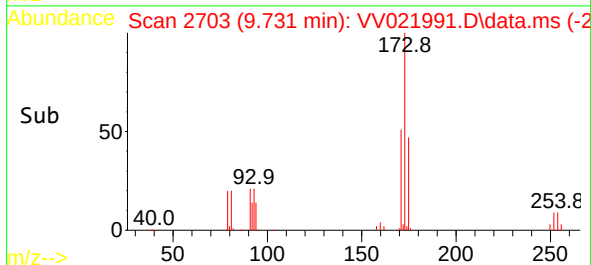
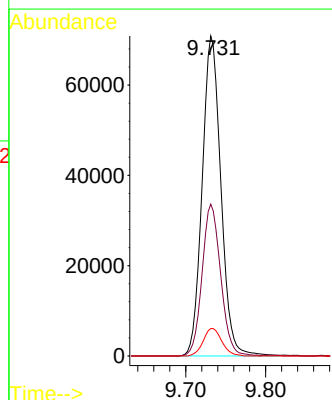
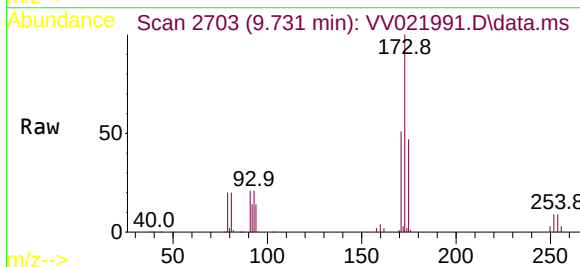
Instrument :
MSVOA_V
ClientSampled :

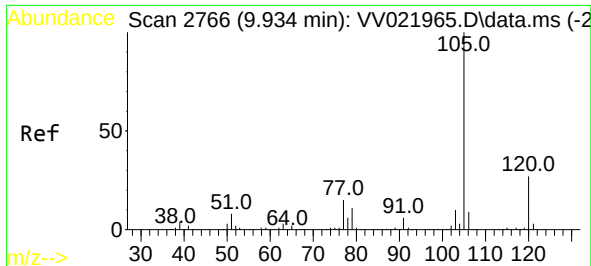
Tgt Ion: 83 Resp: 212620
Ion Ratio Lower Upper
83 100
85 65.5 44.7 83.1
131 10.5 8.2 12.2



#59
Bromoform
Concen: 52.261 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 173 Resp: 115658
Ion Ratio Lower Upper
173 100
175 46.9 38.8 58.2
254 8.6 7.0 10.4

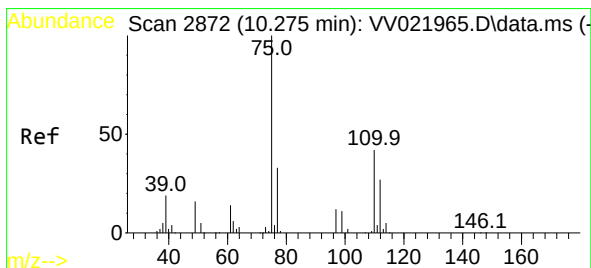
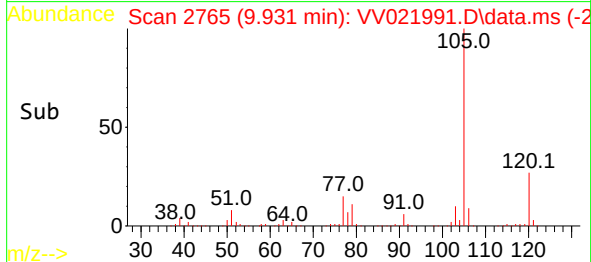
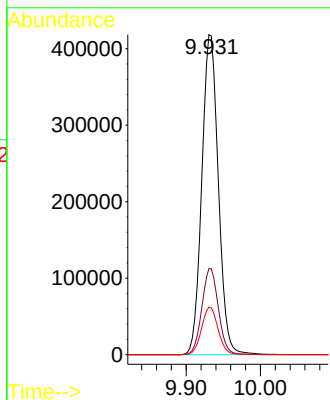
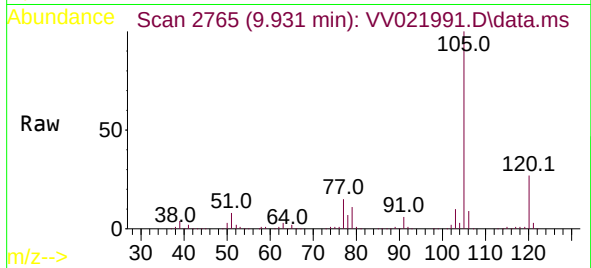




#60
Isopropylbenzene
Concen: 49.389 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

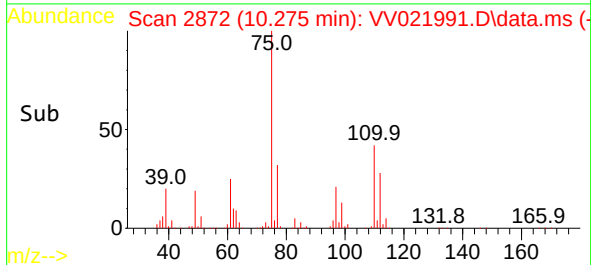
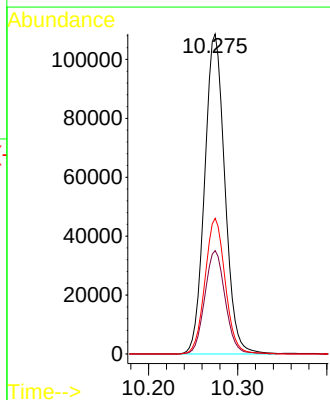
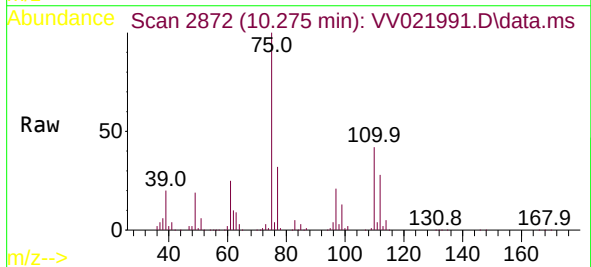
Instrument :
MSVOA_V
ClientSampleId :

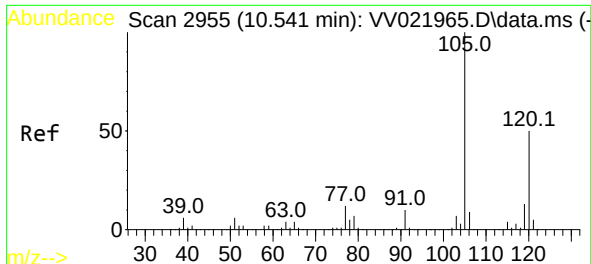
Tgt Ion:105 Resp: 646637
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.9 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 47.346 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

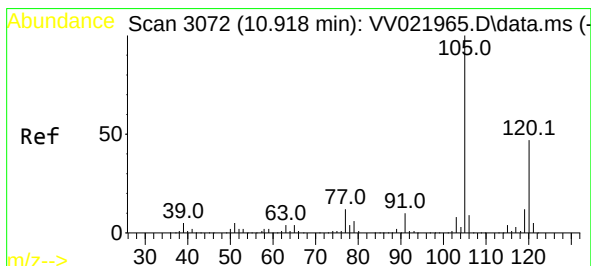
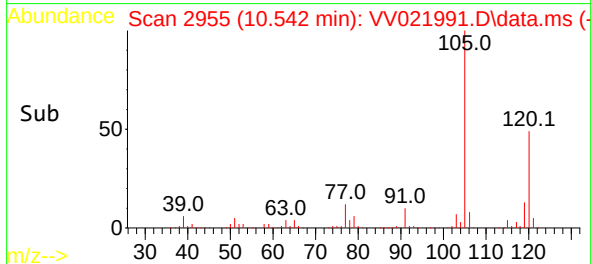
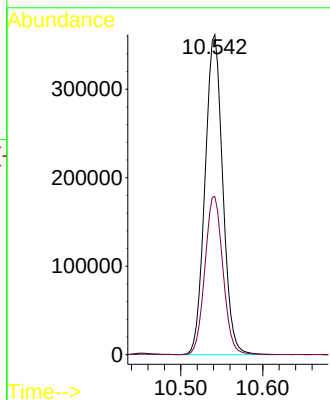
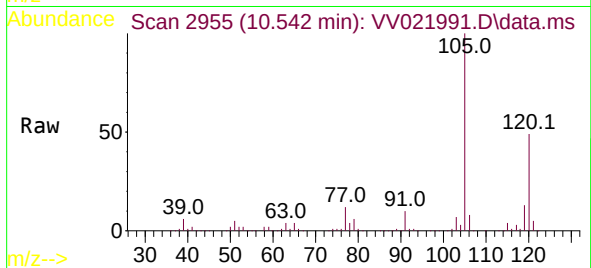
Tgt Ion: 75 Resp: 170980
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 42.5 33.8 50.6





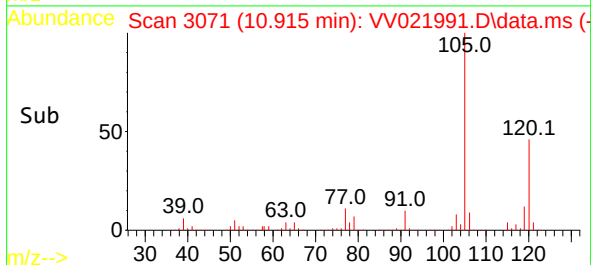
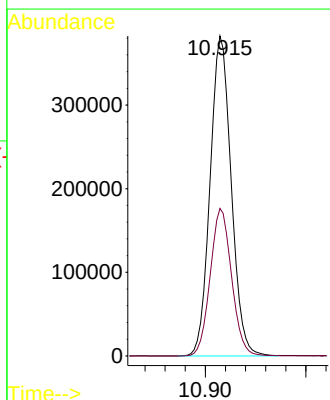
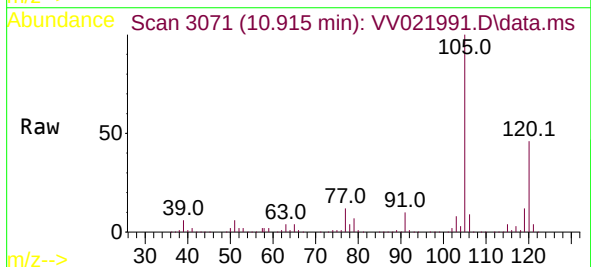
#62
1,3,5-Trimethylbenzene
Concen: 49.402 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

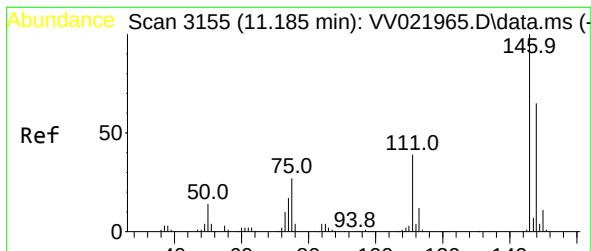
Tgt Ion:105 Resp: 543022
Ion Ratio Lower Upper
105 100
120 50.3 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 49.947 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion:105 Resp: 558032
Ion Ratio Lower Upper
105 100
120 46.6 37.4 56.0

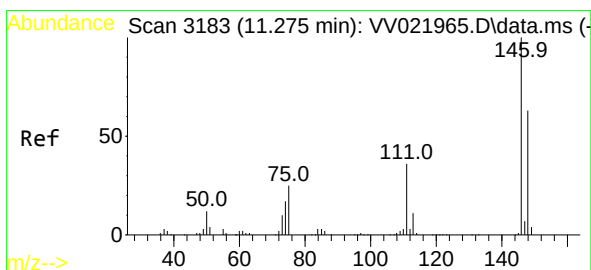
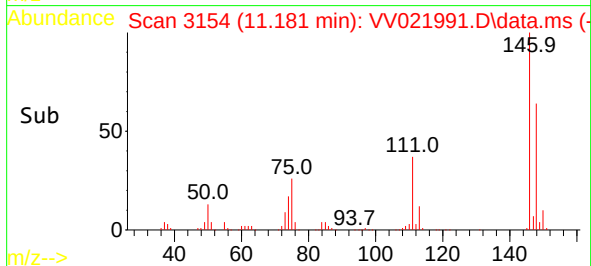
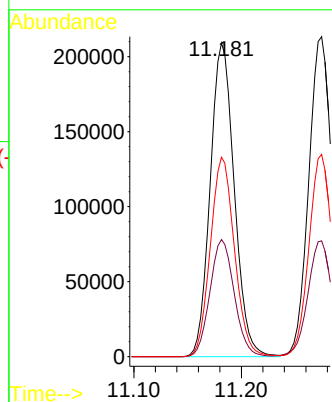
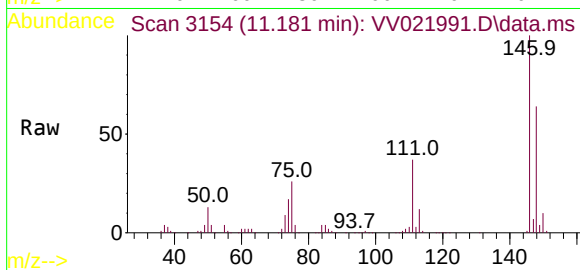




#64
1,3-Dichlorobenzene
Concen: 48.894 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

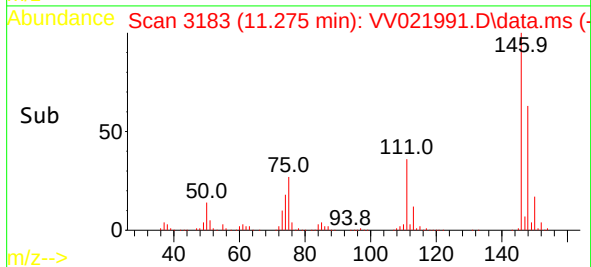
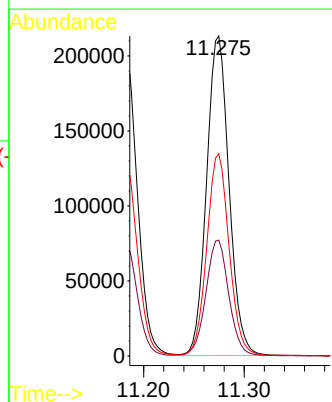
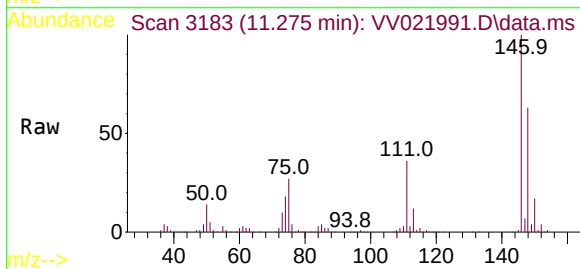
Instrument :
MSVOA_V
ClientSampleId :

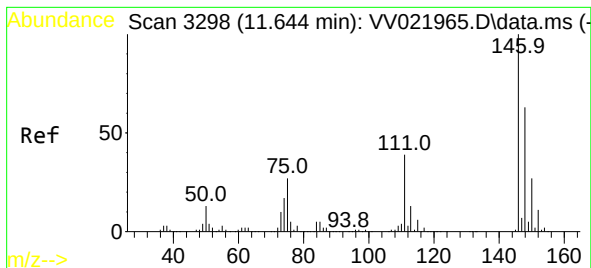
Tgt Ion:146 Resp: 325028
Ion Ratio Lower Upper
146 100
111 37.3 26.9 50.1
148 63.6 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 48.495 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion:146 Resp: 329880
Ion Ratio Lower Upper
146 100
111 36.2 25.3 46.9
148 63.2 44.4 82.5

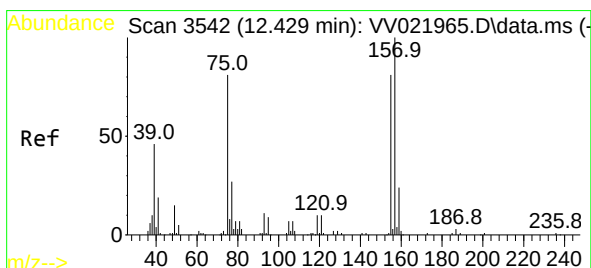
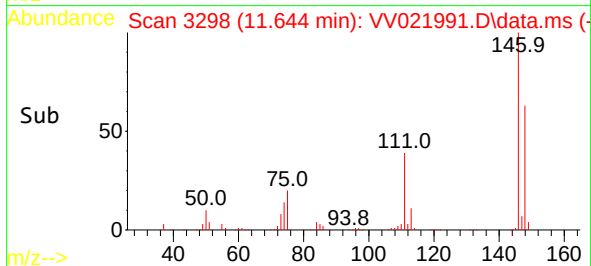
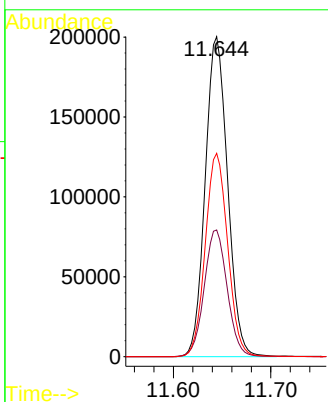
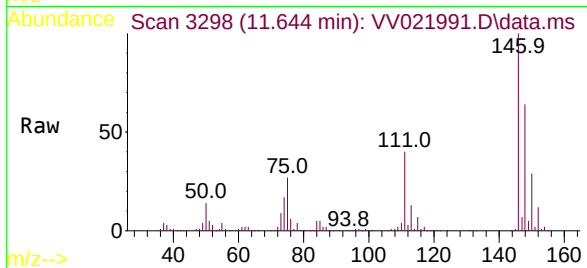




#67
1,2-Dichlorobenzene
Concen: 48.427 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

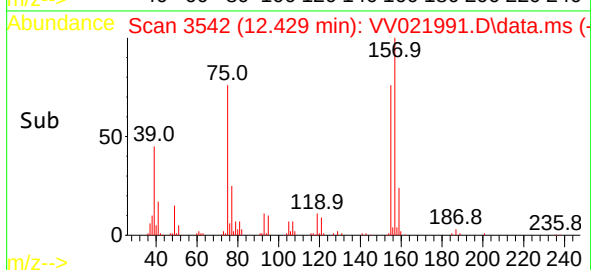
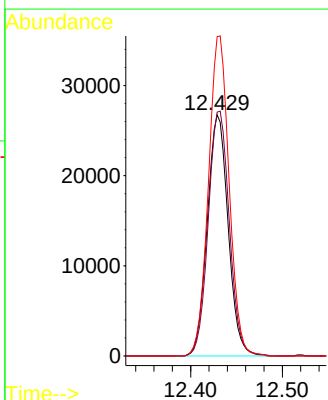
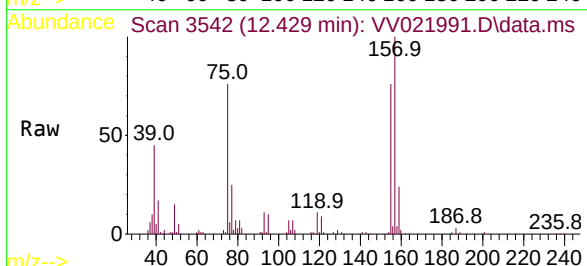
Instrument :
MSVOA_V
ClientSampleId :

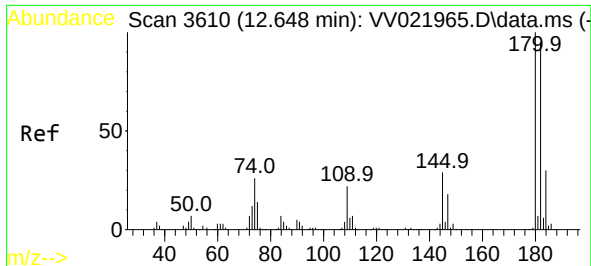
Tgt Ion:146 Resp: 319647
Ion Ratio Lower Upper
146 100
111 39.6 31.6 47.4
148 63.5 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 48.617 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion: 75 Resp: 42314
Ion Ratio Lower Upper
75 100
155 101.1 79.8 119.6
157 132.4 98.3 147.5

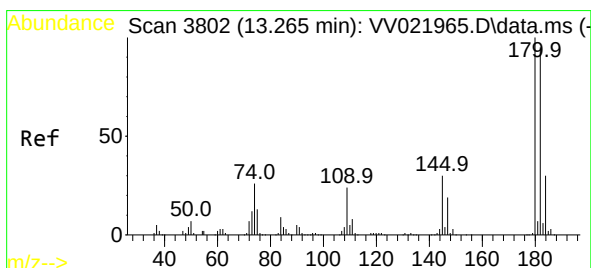
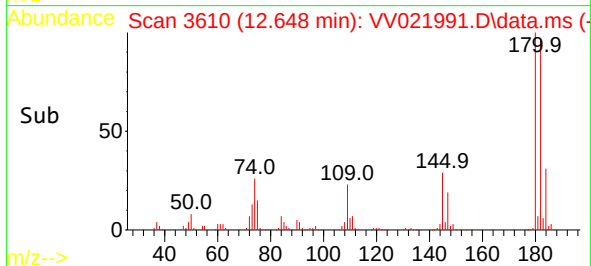
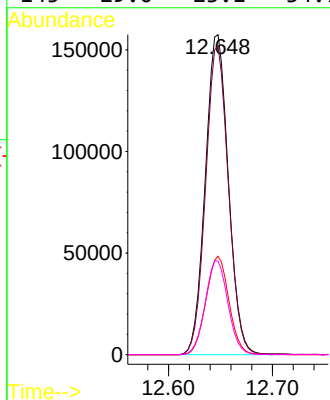
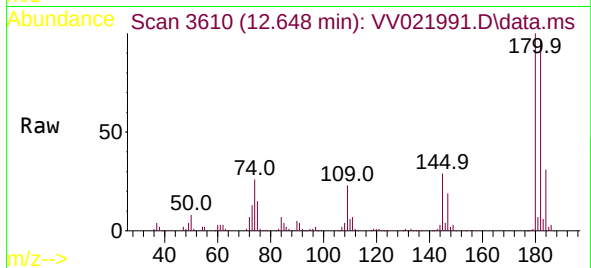




#69
1,3,5-Trichlorobenzene
Concen: 48.906 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

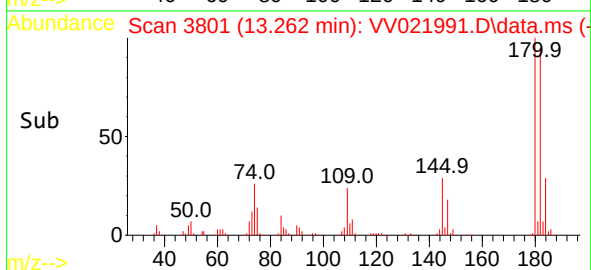
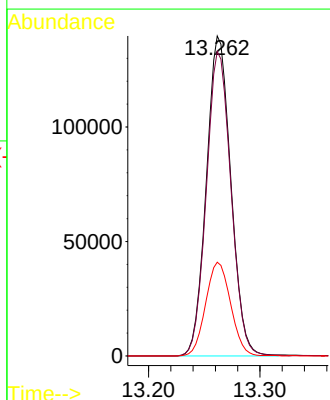
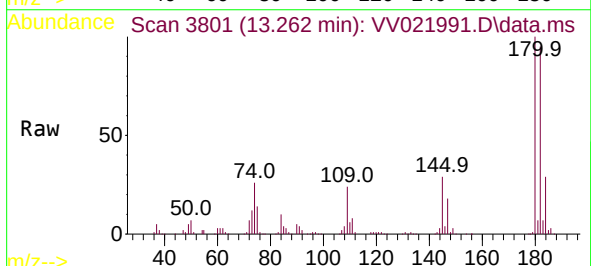
Instrument :
MSVOA_V
ClientSampled :

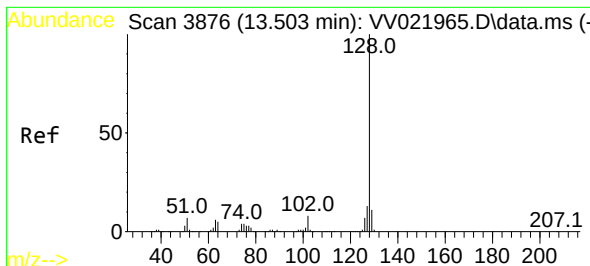
Tgt Ion:	180	Resp:	243100
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.4	114.6
184	30.5	24.0	36.0
145	29.0	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 48.784 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion:	180	Resp:	213317
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.9	113.9
145	29.9	23.8	35.6

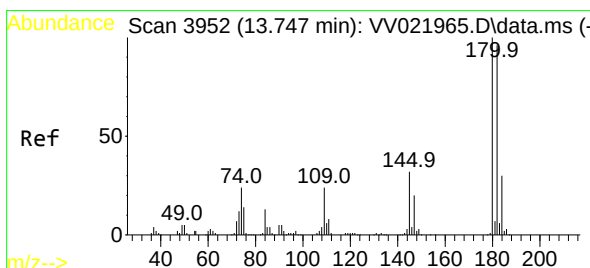
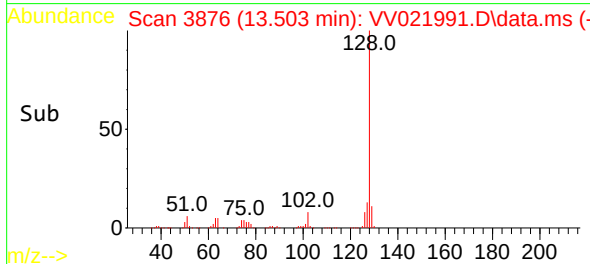
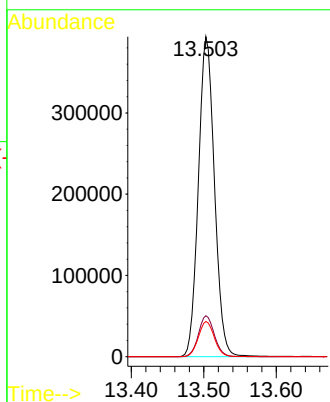
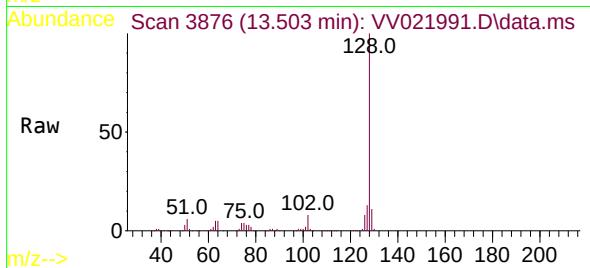




#71
Naphthalene
Concen: 48.197 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 606236
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.768 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV021991.D
Acq: 30 Aug 2021 09:39

Tgt Ion:180 Resp: 207993
Ion Ratio Lower Upper
180 100
182 95.2 76.3 114.5
145 31.9 25.4 38.0

