

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081621\
 Data File : VW021785.D
 Acq On : 16 Aug 2021 12:05
 Operator : SY/MD
 Sample : VSTD00543
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 17 03:53:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 03:48:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	450761	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	422458	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	204349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17363	4.758	ug/L	0.00
7) Chloroethane-d5	1.561	69	13841	5.128	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	27645	4.208	ug/L	0.00
21) 2-Butanone-d5	4.082	46	124	0.067	ug/L	0.21
24) Chloroform-d	4.355	84	30090	4.658	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	17198	4.288	ug/L	0.00
32) Benzene-d6	5.056	84	59969	5.295	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	18793	5.487	ug/L	0.00
41) Toluene-d8	7.320	98	54711	5.062	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	8694	4.757	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	10649	8.250	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	21132	4.243	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	22501	5.576	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	16993	3.880	ug/L	98
3) Chloromethane	1.243	50	17523	4.488	ug/L	93
5) Vinyl chloride	1.310	62	17465	4.415	ug/L	100
6) Bromomethane	1.513	94	12037	4.519	ug/L	100
8) Chloroethane	1.580	64	10126	4.288	ug/L	97
9) Trichlorofluoromethane	1.751	101	23490	3.491	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	13441	3.916	ug/L	99
12) 1,1-Dichloroethene	2.117	96	12717	4.054	ug/L	96
13) Acetone	2.159	43	17562	9.847	ug/L #	100
14) Carbon disulfide	2.291	76	46434	5.132	ug/L	98
15) Methyl Acetate	2.433	43	16769	5.623	ug/L	97
16) Methylene chloride	2.506	84	25555	7.400	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	15574	4.933	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	47545	4.903	ug/L	97
19) 1,1-Dichloroethane	3.191	63	27672	4.865	ug/L	95
20) cis-1,2-Dichloroethene	3.918	96	17424	5.133	ug/L	97
22) 2-Butanone	3.979	43	18930	8.855	ug/L #	73
23) Bromochloromethane	4.256	128	9334	4.855	ug/L	92
25) Chloroform	4.381	83	28276	4.505	ug/L	97
27) 1,2-Dichloroethane	5.137	62	19886	4.055	ug/L	96
29) Cyclohexane	4.680	56	24961	5.537	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	24914	4.421	ug/L	100
31) Carbon tetrachloride	4.831	117	20839	4.066	ug/L	99
33) Benzene	5.104	78	61975	5.092	ug/L	100
34) Trichloroethene	5.921	95	19694	5.848	ug/L	93
35) Methylcyclohexane	6.133	83	26125	5.202	ug/L	97
37) 1,2-Dichloropropane	6.178	63	15324	5.122	ug/L	100
38) Bromodichloromethane	6.516	83	19723	4.366	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	24190	5.027	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	43563	11.698	ug/L	99
42) Toluene	7.394	91	66146	5.014	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	21248	4.318	ug/L	96

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

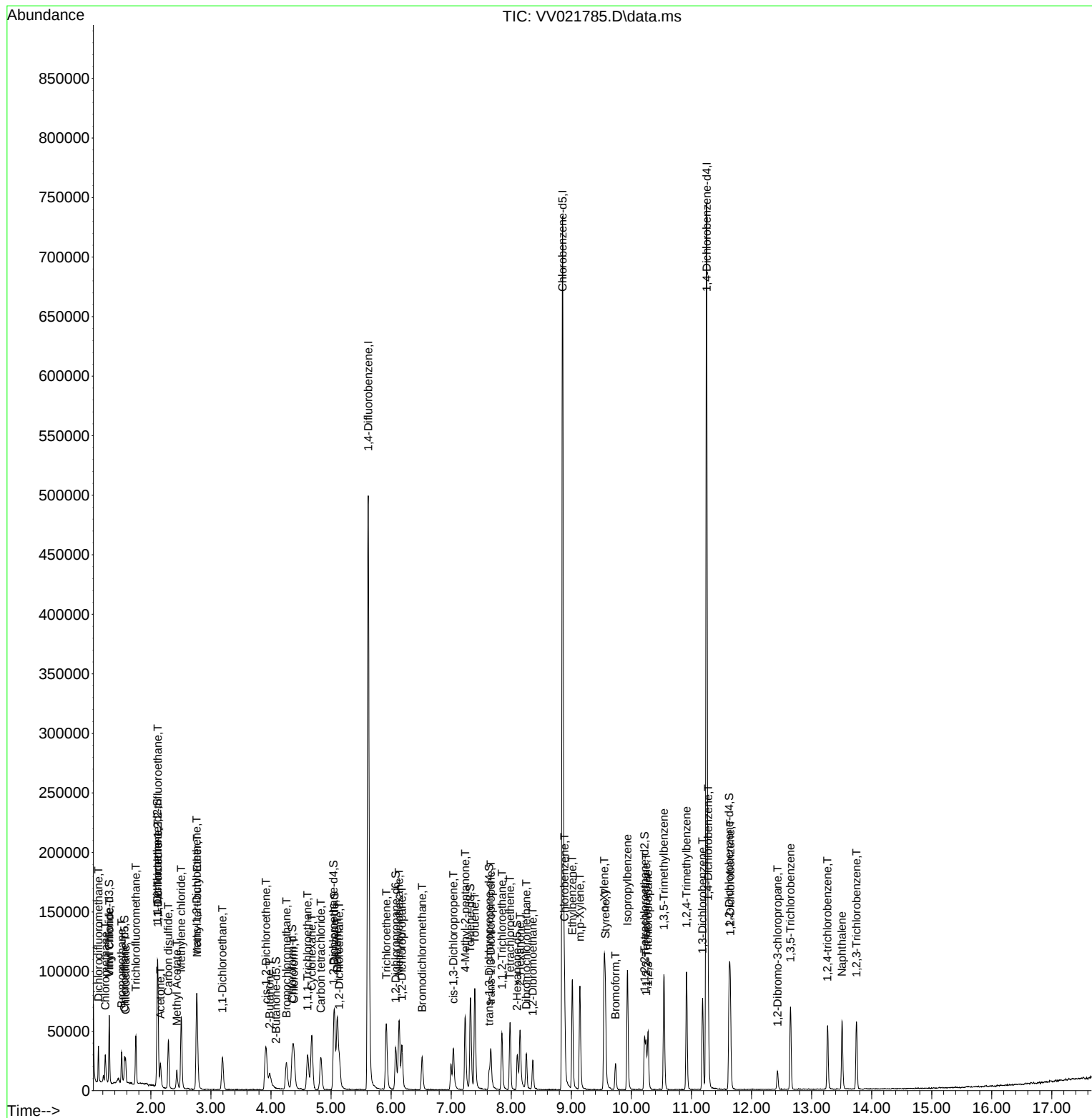
45) 1,1,2-Trichloroethane	7.847	97	15481	4.816	ug/L	99
46) Tetrachloroethene	7.982	164	12995	4.454	ug/L	97
48) 2-Hexanone	8.146	43	31847	10.937	ug/L	97
49) Dibromochloromethane	8.249	129	15346	3.974	ug/L	100
50) 1,2-Dibromoethane	8.358	107	16780	4.838	ug/L	91
51) Chlorobenzene	8.886	112	43536	4.818	ug/L	98
52) Ethylbenzene	9.017	91	68239	4.709	ug/L	97
53) m,p-Xylene	9.143	106	25947	4.700	ug/L	99
54) o-Xylene	9.548	106	26259	4.818	ug/L	100
55) Styrene	9.567	104	41900	4.565	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	19230	3.847	ug/L	98
59) Bromoform	9.738	173	10263	4.026	ug/L	98
60) Isopropylbenzene	9.934	105	68144	5.404	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	19678	5.540	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	54718	5.130	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	54832	5.133	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	32481	5.200	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	33224	5.191	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	32444	5.033	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	3711	3.613	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	22094	4.603	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	17246	4.363	ug/L	100
71) Naphthalene	13.506	128	46042	4.173	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	18293	4.592	ug/L	97

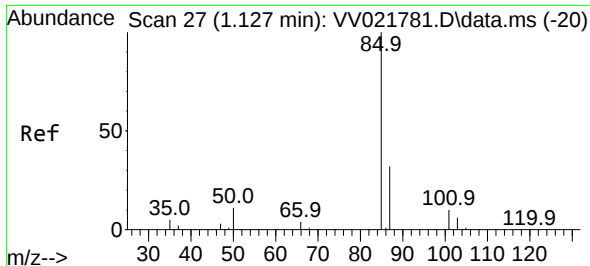
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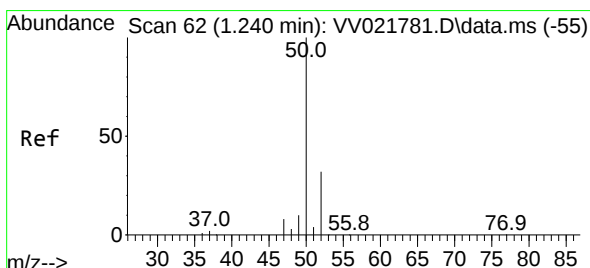
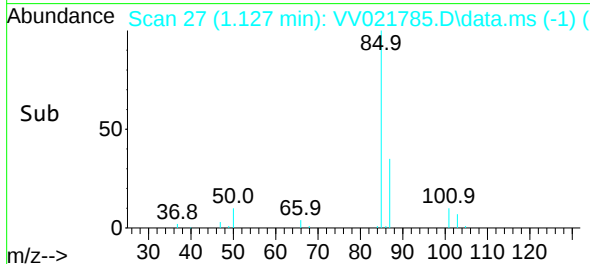
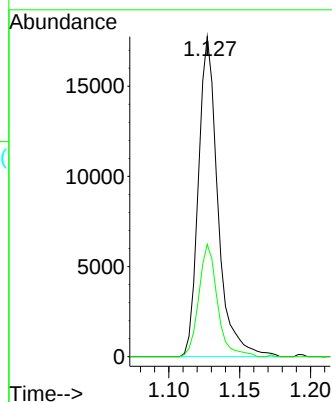
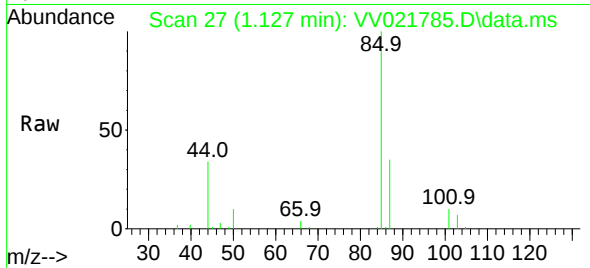




#2
Dichlorodifluoromethane
Concen: 3.880 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

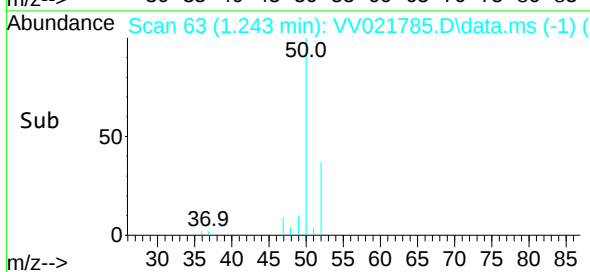
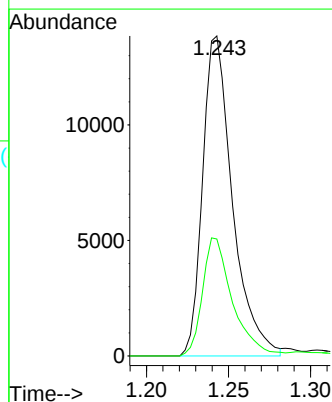
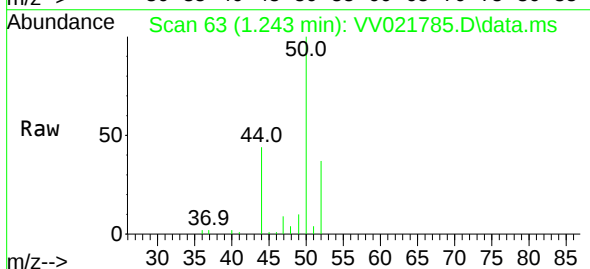
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ClientSampled :

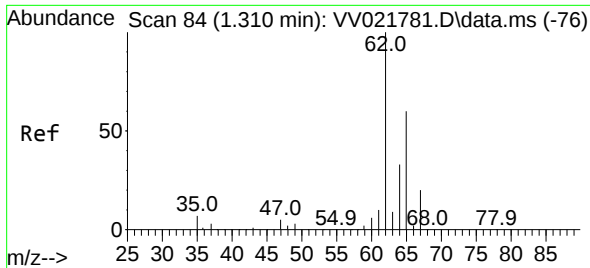
Tgt Ion: 85 Resp: 16993
Ion Ratio Lower Upper
85 100
87 33.5 26.1 39.1



#3
Chloromethane
Concen: 4.488 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion: 50 Resp: 17523
Ion Ratio Lower Upper
50 100
52 36.6 22.7 42.1

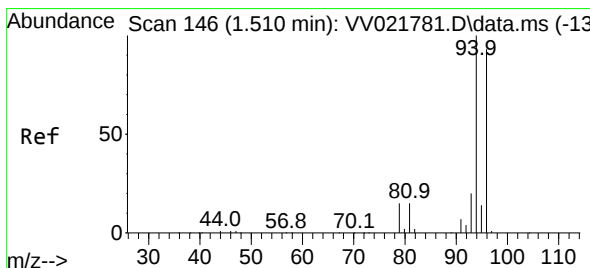
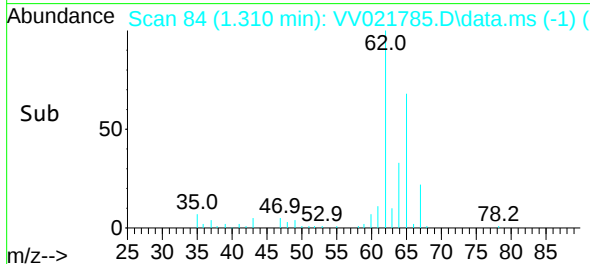
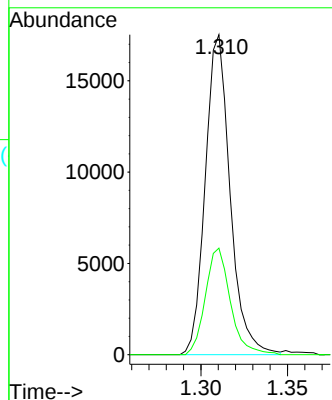
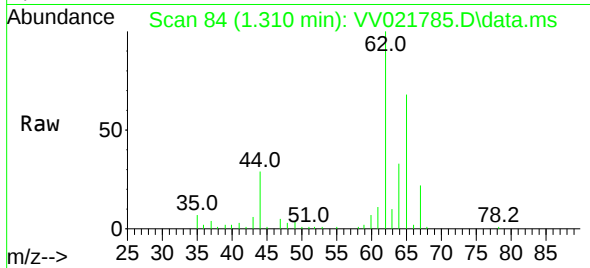




#5
 Vinyl chloride
 Concen: 4.415 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV021785.D
 Acq: 16 Aug 2021 12:05

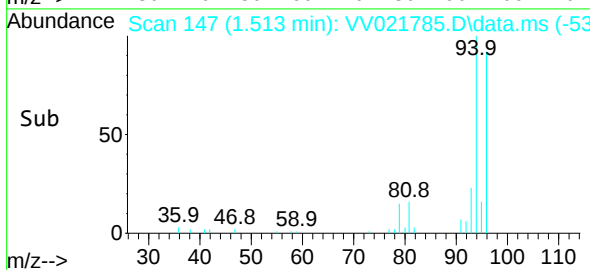
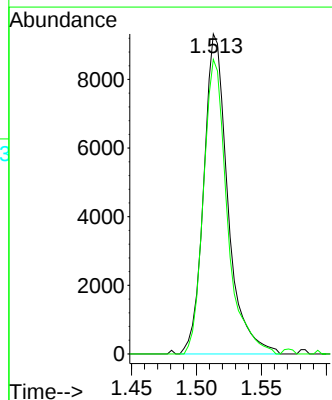
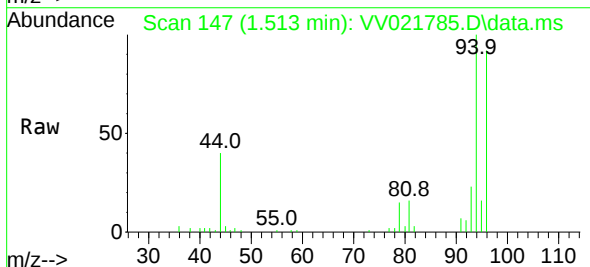
Instrument :
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 ClientSampled :

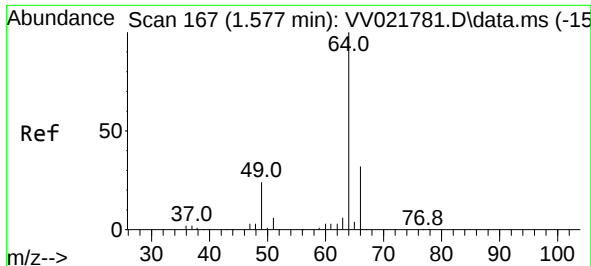
Tgt Ion: 62 Resp: 17465
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.4



#6
 Bromomethane
 Concen: 4.519 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.003 min
 Lab File: VV021785.D
 Acq: 16 Aug 2021 12:05

Tgt Ion: 94 Resp: 12037
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.8 120.3

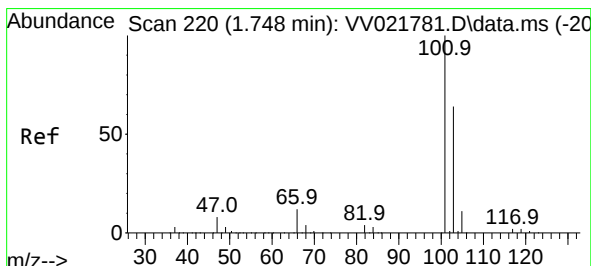
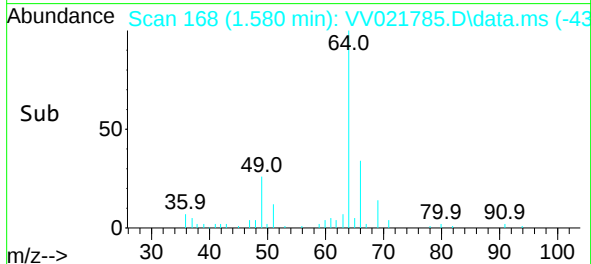
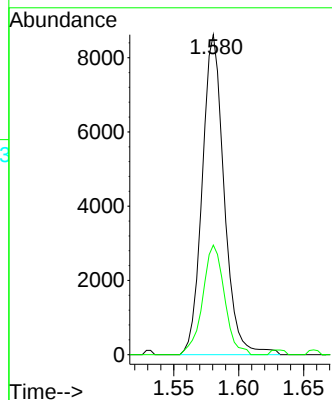
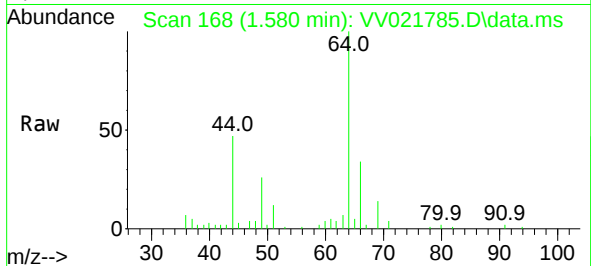




#8
Chloroethane
Concen: 4.288 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

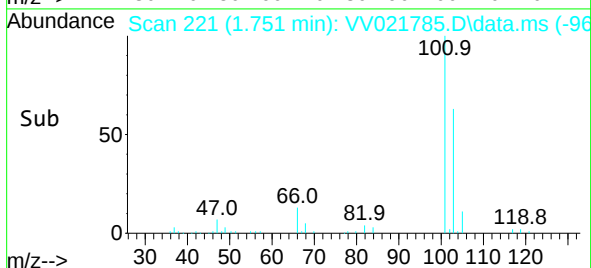
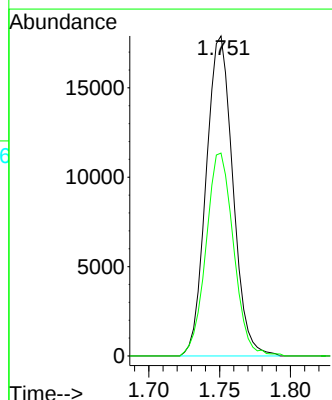
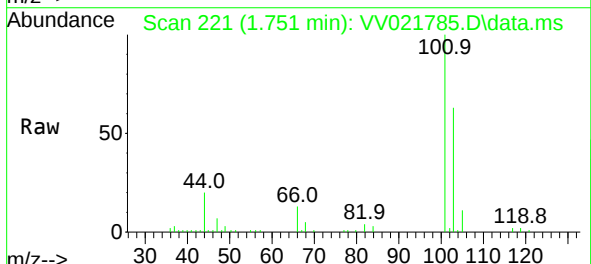
Instrument :
MSVOA_V
ClientSampled :

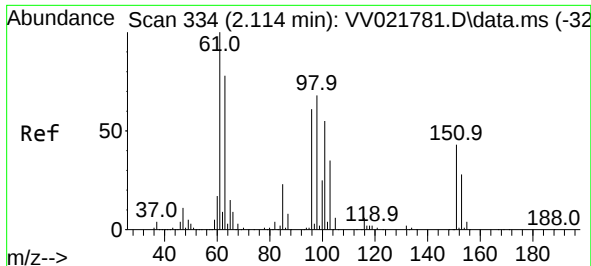
Tgt Ion: 64 Resp: 10126
Ion Ratio Lower Upper
64 100
66 34.2 22.6 42.0



#9
Trichlorofluoromethane
Concen: 3.491 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion:101 Resp: 23490
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

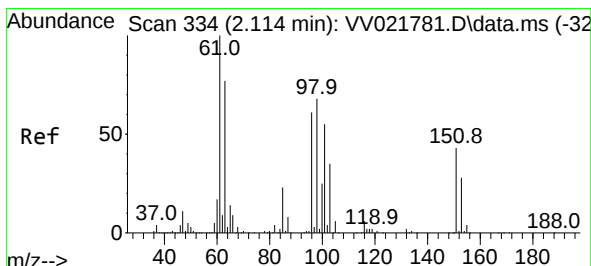
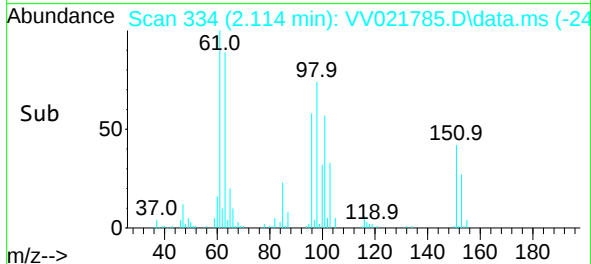
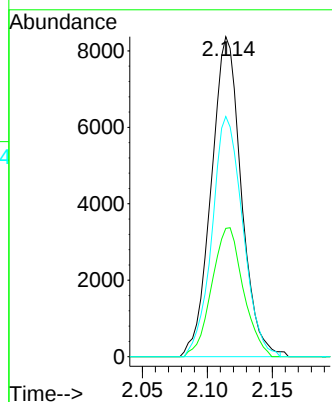
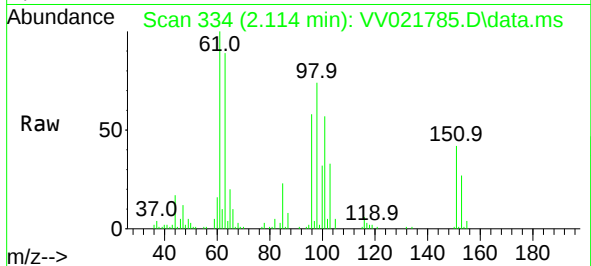




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.916 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021785.D
 Acq: 16 Aug 2021 12:05

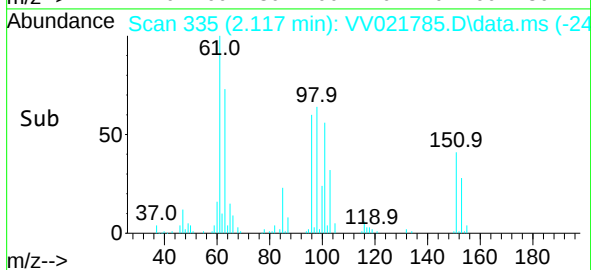
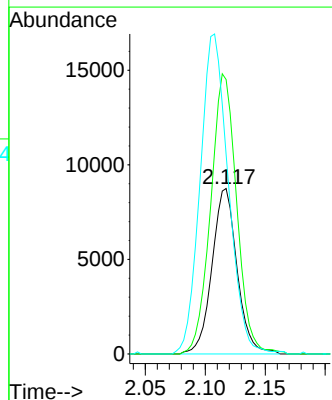
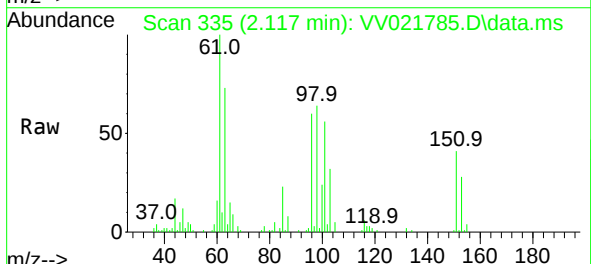
Instrument :
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 ClientSampled :

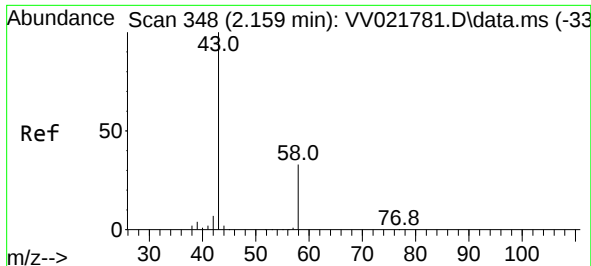
Tgt Ion:101 Resp: 13441
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.4 50.2
 151 76.9 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.054 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV021785.D
 Acq: 16 Aug 2021 12:05

Tgt Ion: 96 Resp: 12717
 Ion Ratio Lower Upper
 96 100
 61 165.9 115.5 214.5
 63 120.5 90.3 167.7

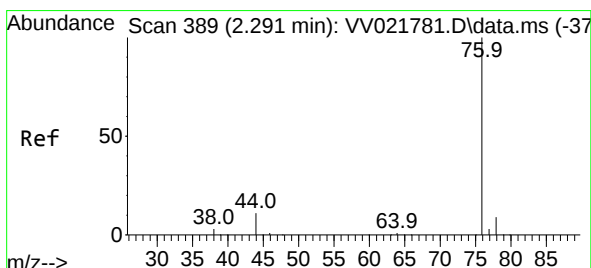
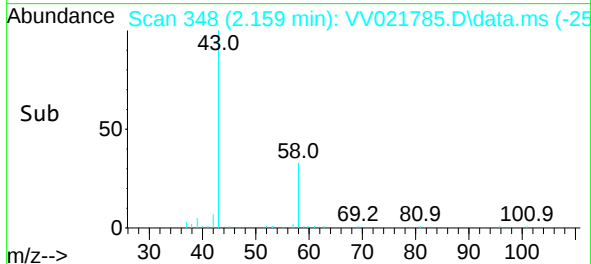
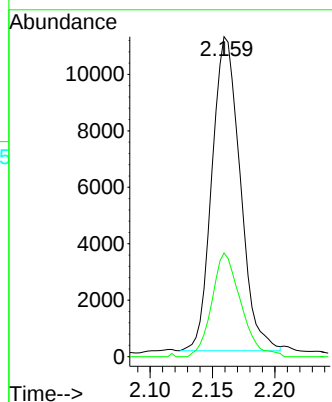
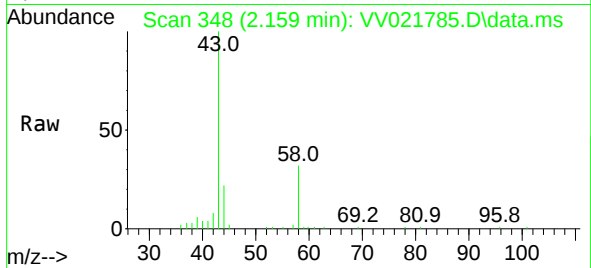




#13
Acetone
Concen: 9.847 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

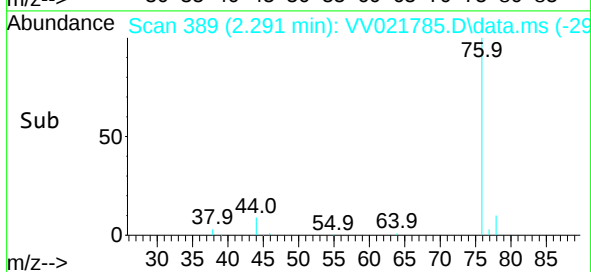
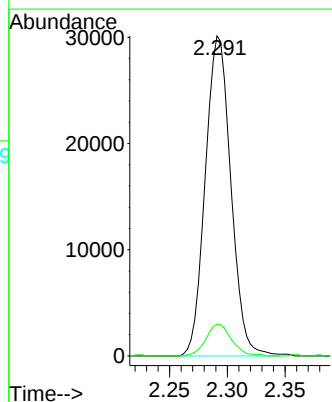
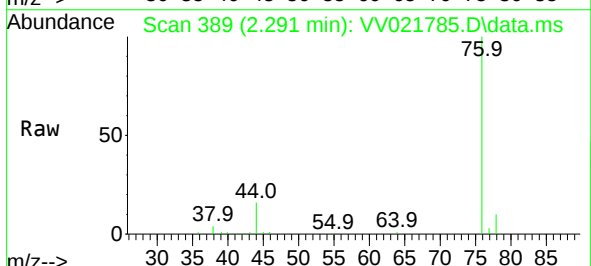
Instrument :
MSVOA_V
ClientSampled :

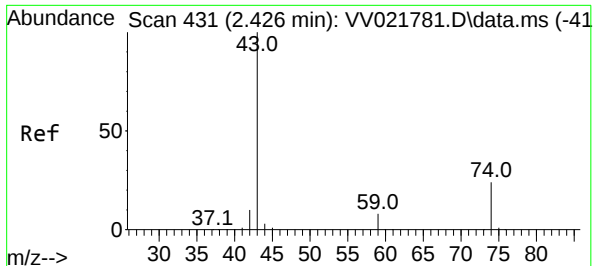
Tgt Ion: 43 Resp: 17562
Ion Ratio Lower Upper
43 100
58 33.7 0.0 0.0#



#14
Carbon disulfide
Concen: 5.132 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion: 76 Resp: 46434
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

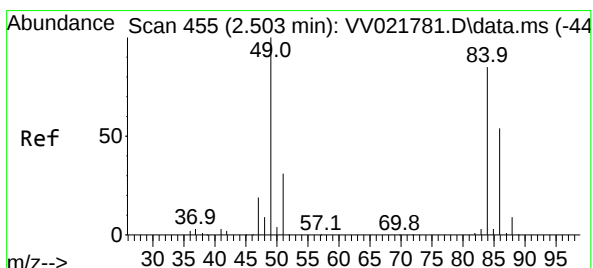
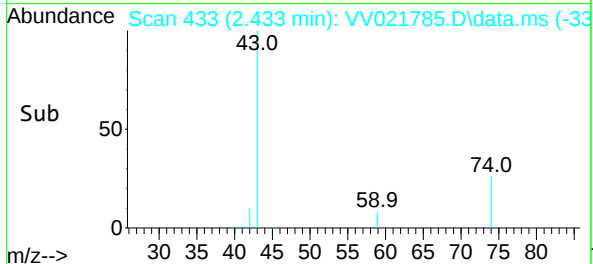
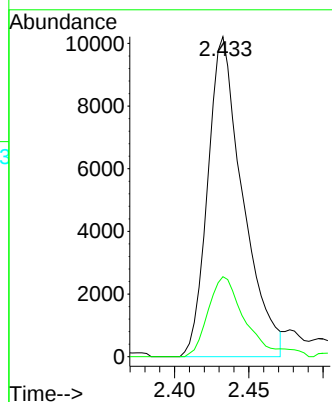
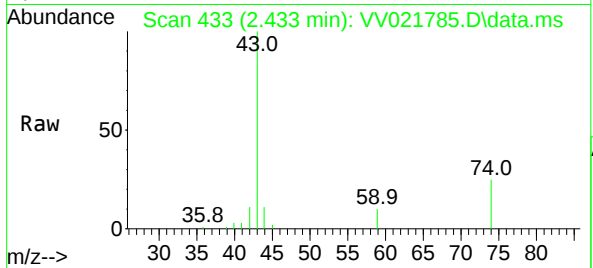




#15
Methyl Acetate
Concen: 5.623 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.006 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

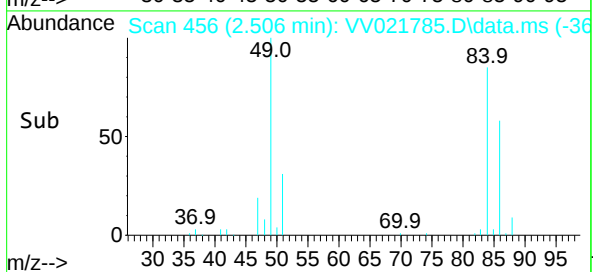
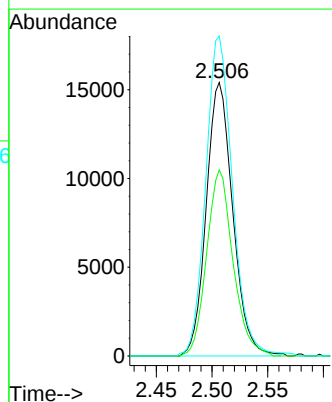
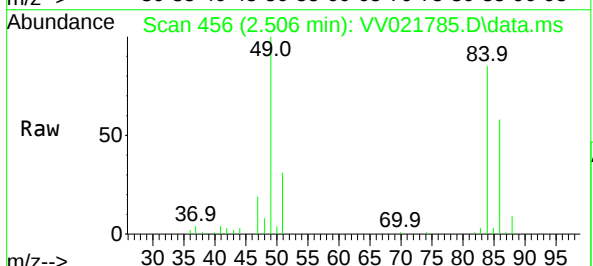
Instrument :
MSVOA_V
ClientSampled :

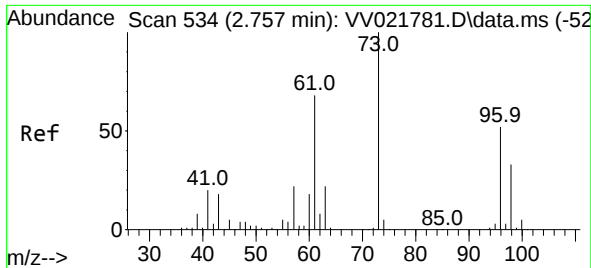
Tgt Ion: 43 Resp: 16769
Ion Ratio Lower Upper
43 100
74 25.2 19.0 28.6



#16
Methylene chloride
Concen: 7.400 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion: 84 Resp: 25555
Ion Ratio Lower Upper
84 100
86 68.1 44.7 83.1
49 117.0 82.5 153.3

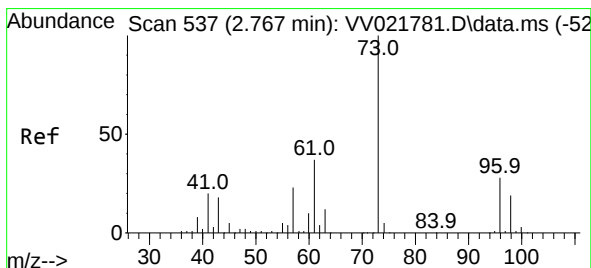
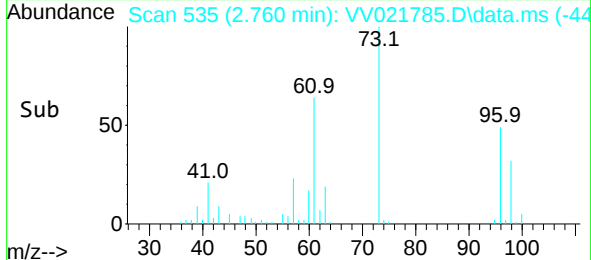
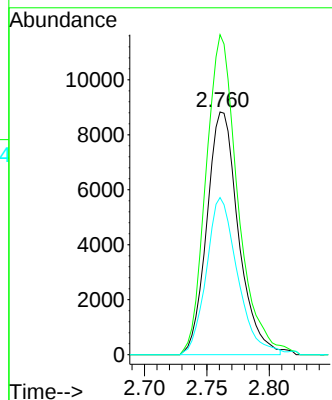
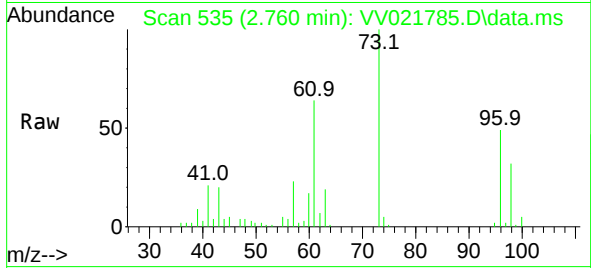




#17
trans-1,2-Dichloroethene
Concen: 4.933 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

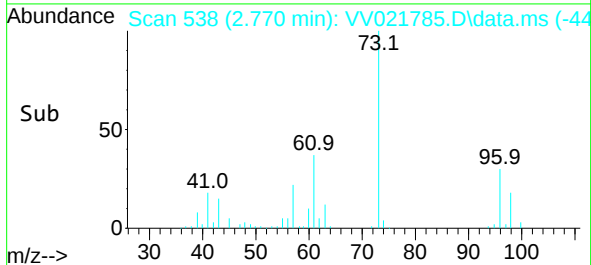
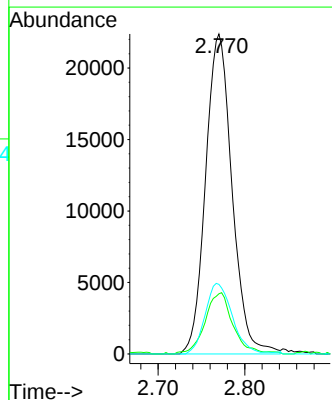
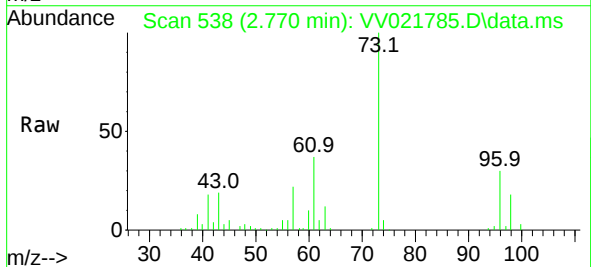
Instrument :
MSVOA_V
ClientSampled :

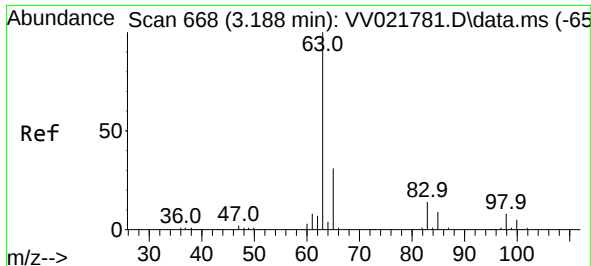
Tgt Ion: 96 Resp: 15574
Ion Ratio Lower Upper
96 100
61 131.8 90.4 168.0
98 64.7 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 4.903 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion: 73 Resp: 47545
Ion Ratio Lower Upper
73 100
43 19.9 14.2 21.4
57 22.5 17.7 26.5

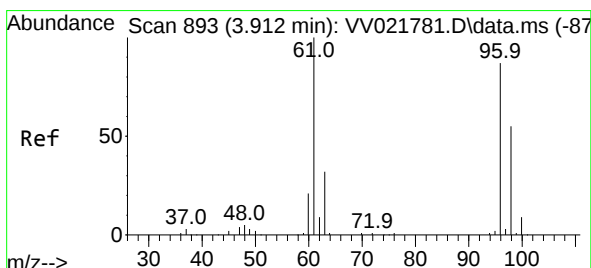
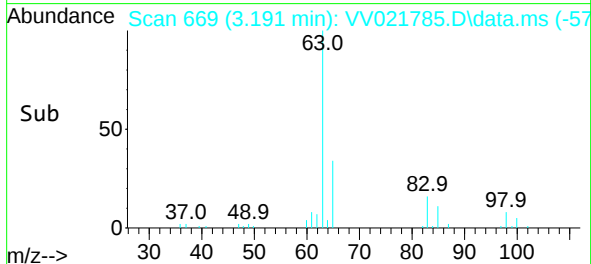
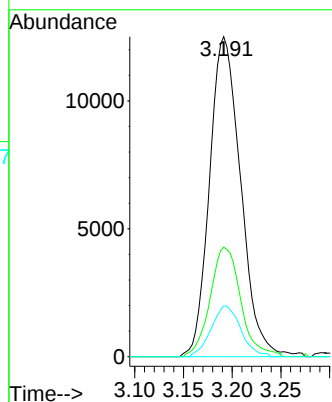
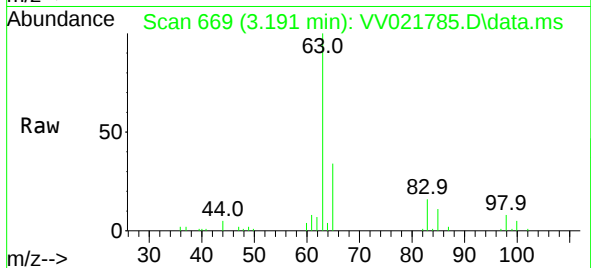




#19
1,1-Dichloroethane
Concen: 4.865 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

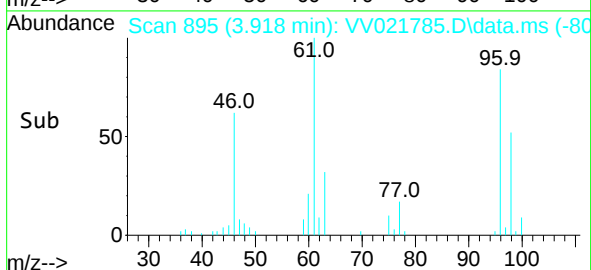
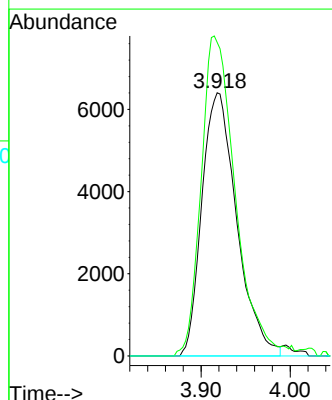
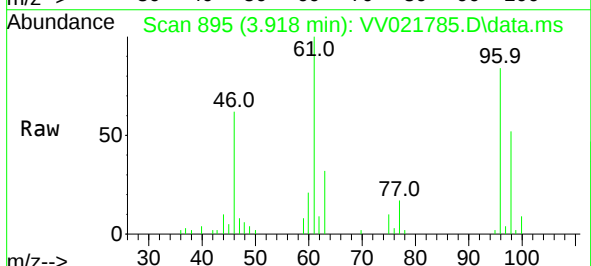
Instrument :
MSVOA_V
ClientSampled :

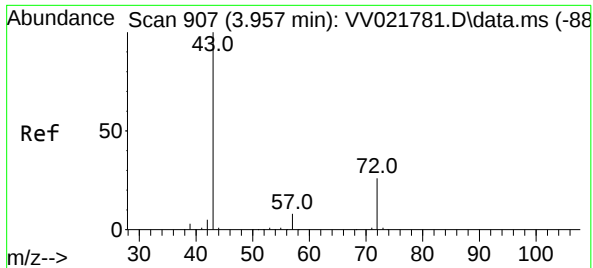
Tgt Ion: 63	Resp: 27672
Ion Ratio	Lower Upper
63 100	
65 34.2	21.8 40.6
83 15.8	9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 5.133 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion: 96	Resp: 17424
Ion Ratio	Lower Upper
96 100	
61 119.2	81.0 150.4
68 0.0	0.0 0.0

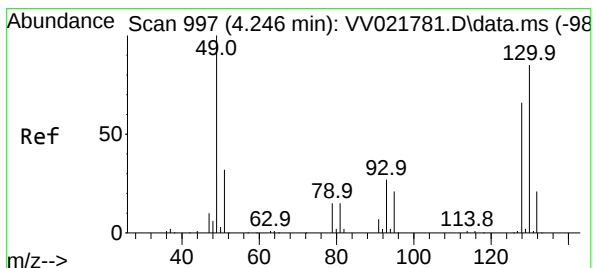
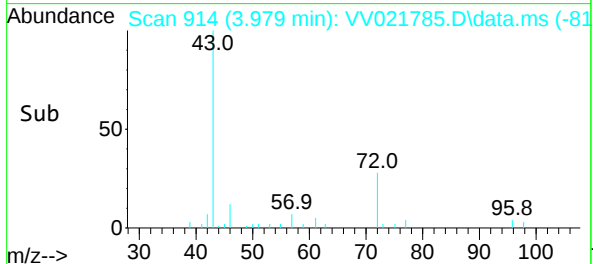
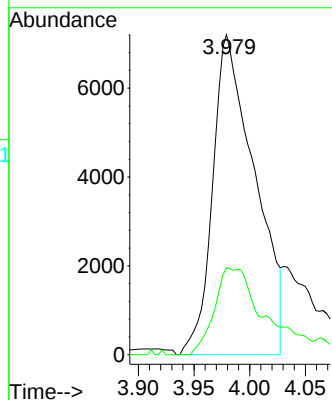
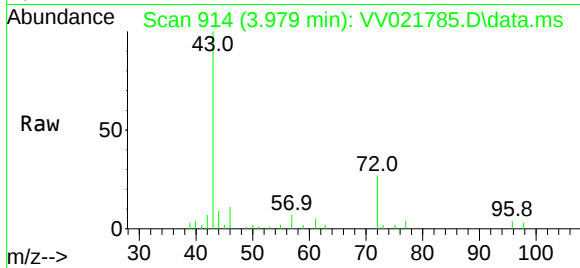




#22
2-Butanone
Concen: 8.855 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.022 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

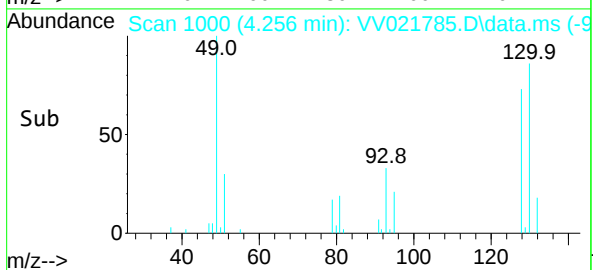
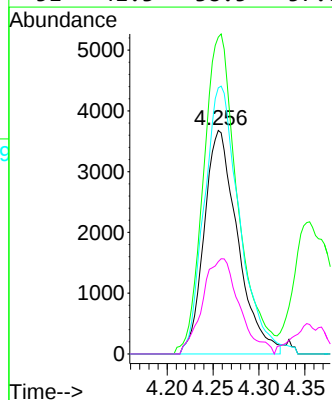
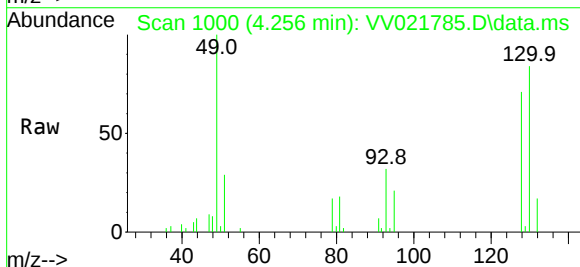
Instrument :
MSVOA_V
ClientSampled :

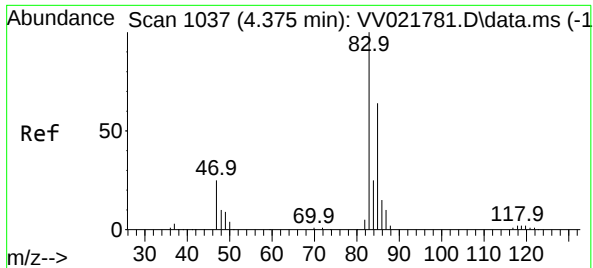
Tgt Ion: 43 Resp: 18930
Ion Ratio Lower Upper
43 100
72 13.0 13.6 40.8#



#23
Bromochloromethane
Concen: 4.855 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.010 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion: 128 Resp: 9334
Ion Ratio Lower Upper
128 100
49 141.7 105.6 196.0
130 119.0 89.5 166.1
51 41.3 38.5 57.7





#25

Chloroform

Concen: 4.505 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV021785.D

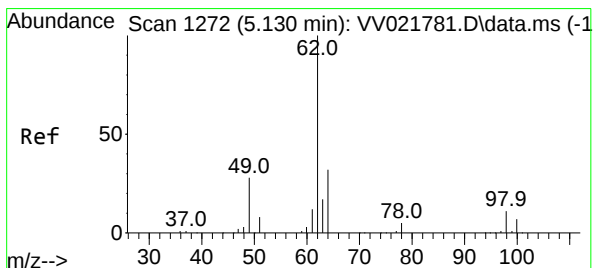
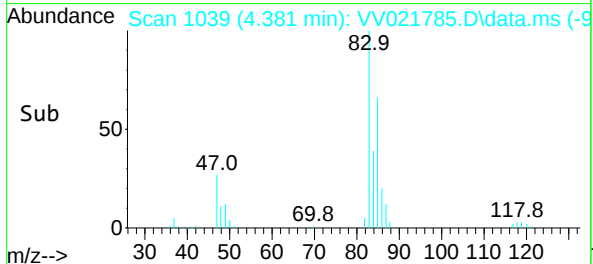
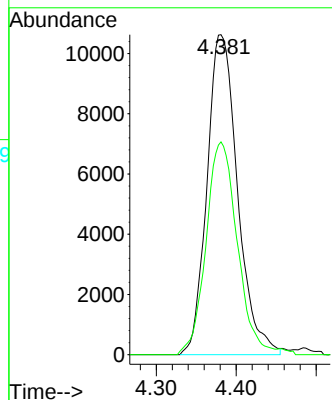
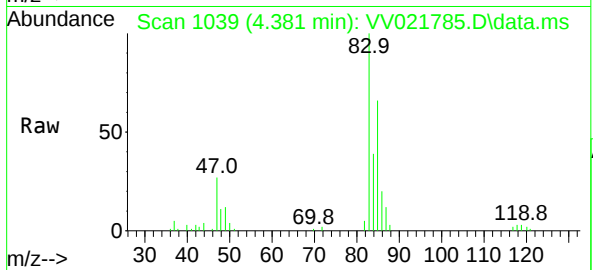
Acq: 16 Aug 2021 12:05

Tgt Ion: 83 Resp: 28276

Ion Ratio Lower Upper

83 100

85 66.5 44.8 83.2



#27

1,2-Dichloroethane

Concen: 4.055 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV021785.D

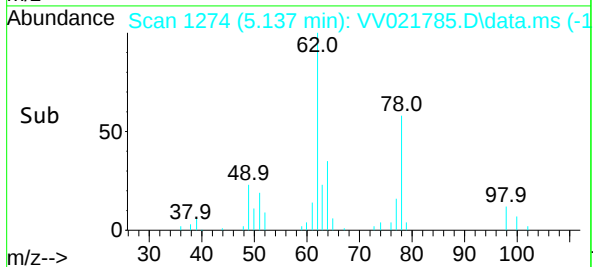
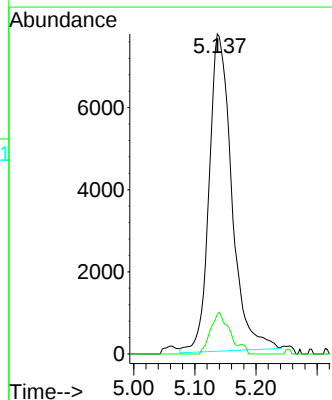
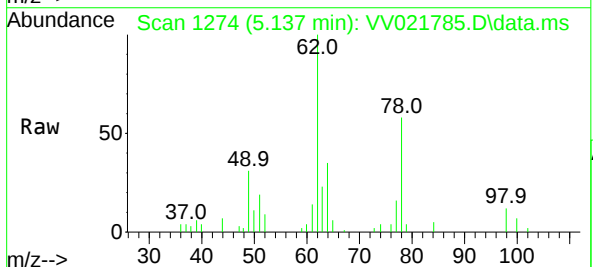
Acq: 16 Aug 2021 12:05

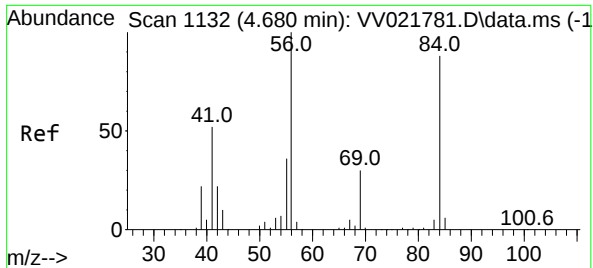
Tgt Ion: 62 Resp: 19886

Ion Ratio Lower Upper

62 100

98 12.4 8.6 13.0





#29

Cyclohexane

Concen: 5.537 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV021785.D

Acq: 16 Aug 2021 12:05

Tgt Ion: 56 Resp: 24961

Ion Ratio Lower Upper

56 100

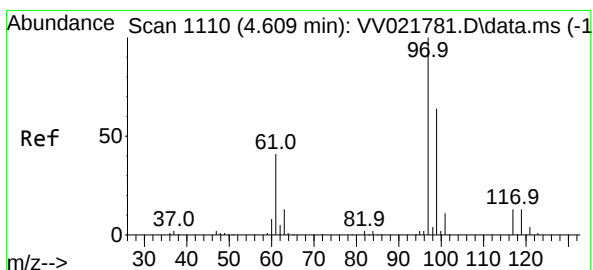
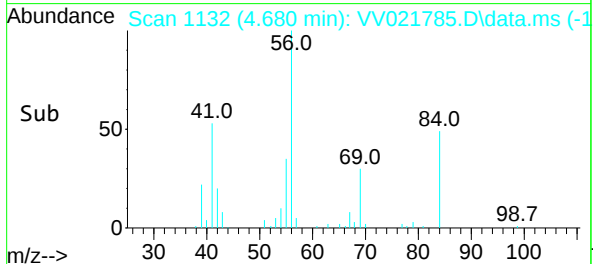
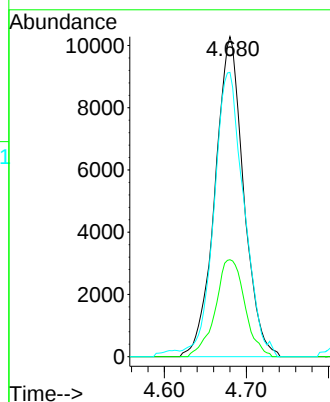
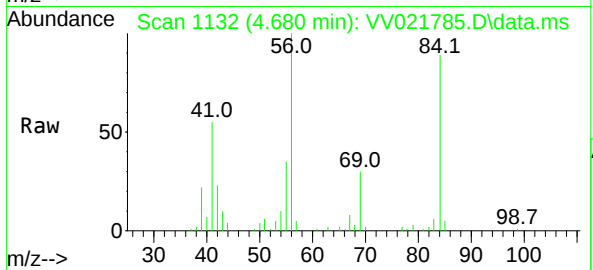
69 31.1 24.9 37.3

84 87.8 72.6 109.0

Instrument :

MSVOA_V

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 4.421 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV021785.D

Acq: 16 Aug 2021 12:05

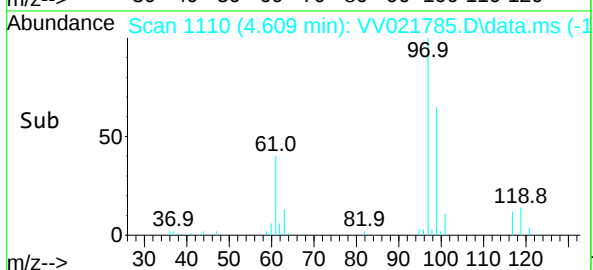
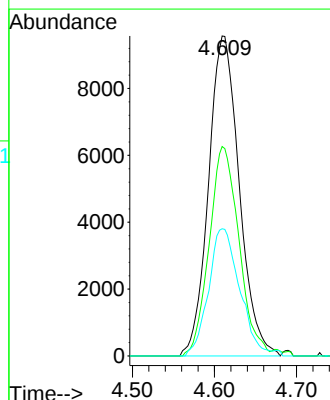
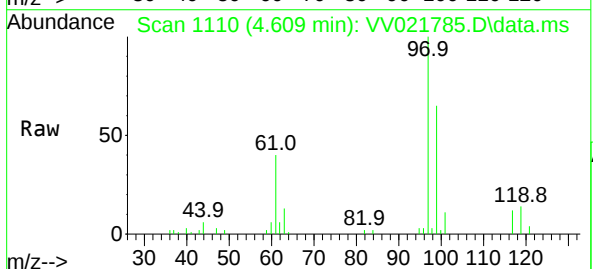
Tgt Ion: 97 Resp: 24914

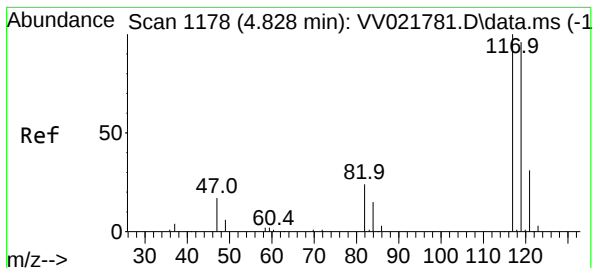
Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

61 40.2 32.3 48.5

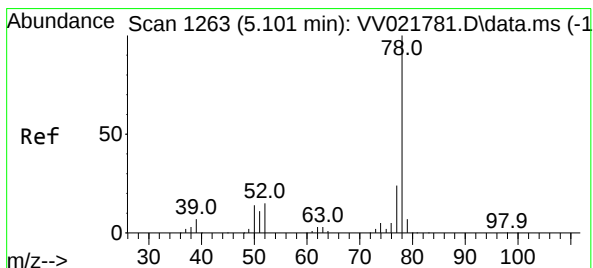
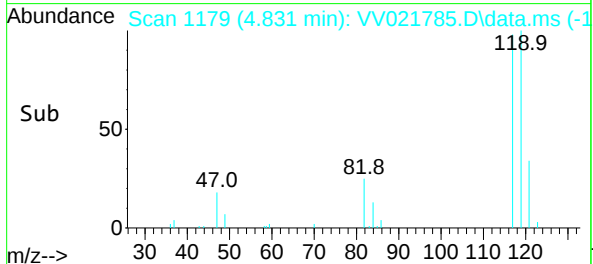
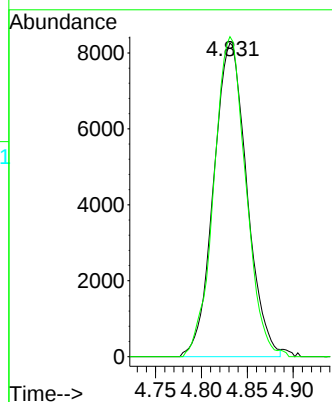
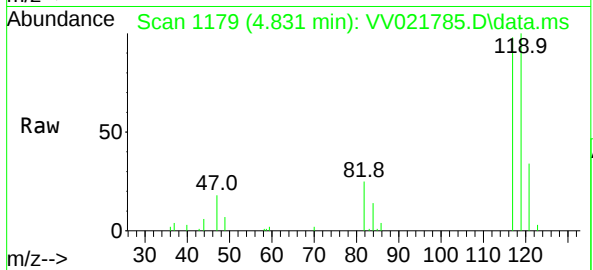




#31
Carbon tetrachloride
Concen: 4.066 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

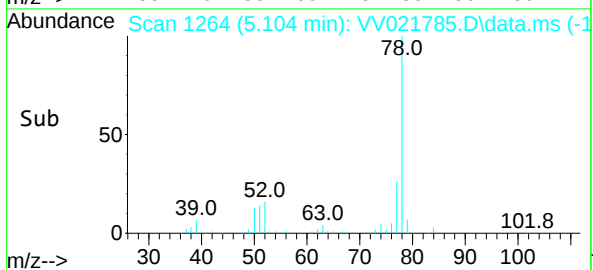
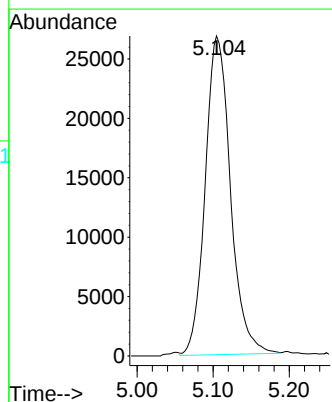
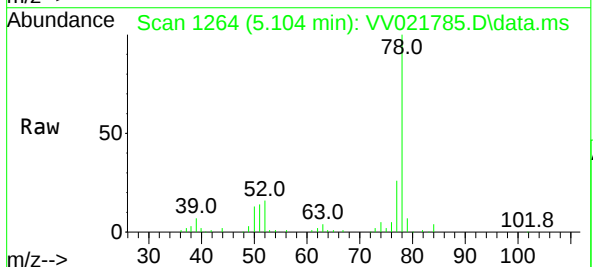
Instrument :
MSVOA_V
ClientSampled :

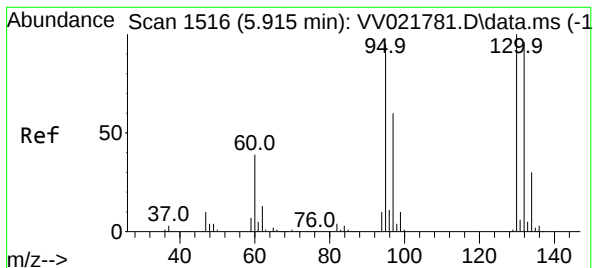
Tgt Ion:117 Resp: 20839
Ion Ratio Lower Upper
117 100
119 97.6 77.1 115.7



#33
Benzene
Concen: 5.092 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion: 78 Resp: 61975





#34

Trichloroethene

Concen: 5.848 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV021785.D

Acq: 16 Aug 2021 12:05

Tgt Ion: 95 Resp: 19694

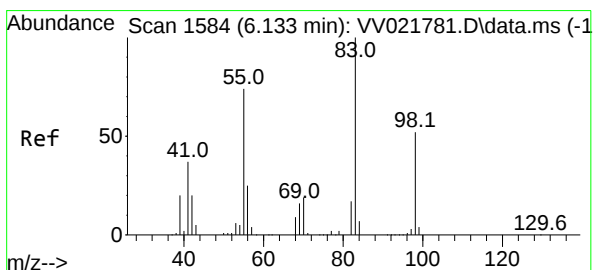
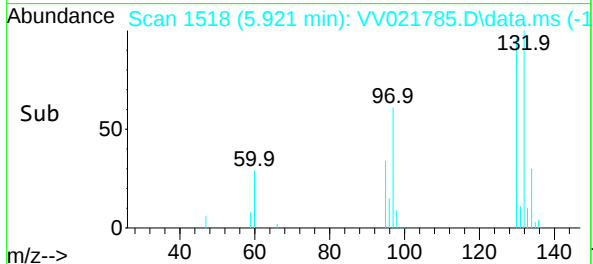
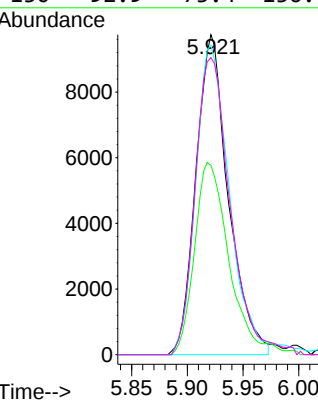
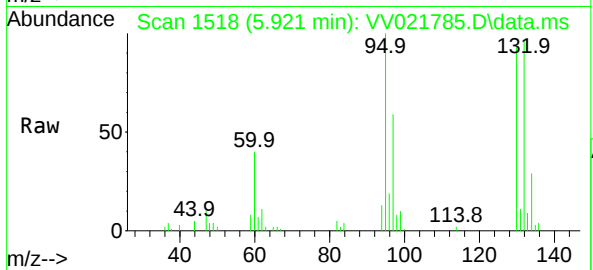
Ion Ratio Lower Upper

95 100

97 59.1 44.1 81.9

132 96.8 70.2 130.4

130 92.9 73.4 136.4



#35

Methylcyclohexane

Concen: 5.202 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV021785.D

Acq: 16 Aug 2021 12:05

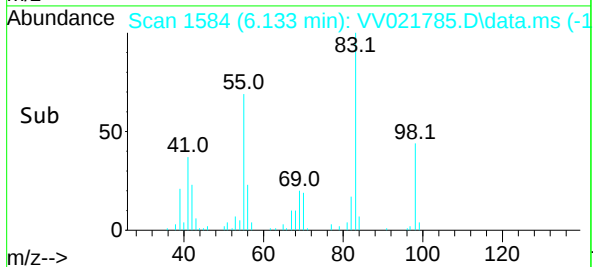
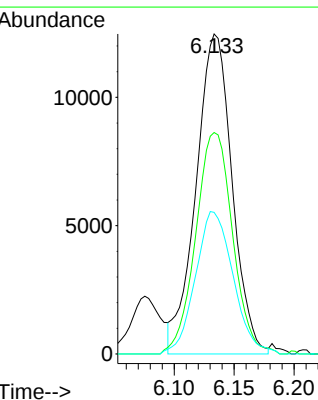
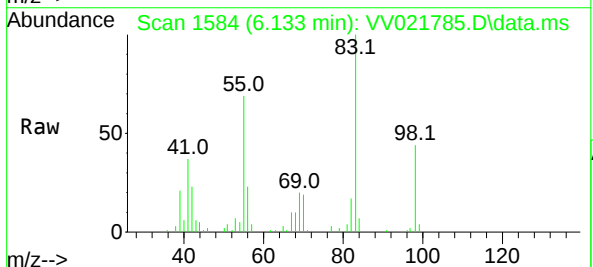
Tgt Ion: 83 Resp: 26125

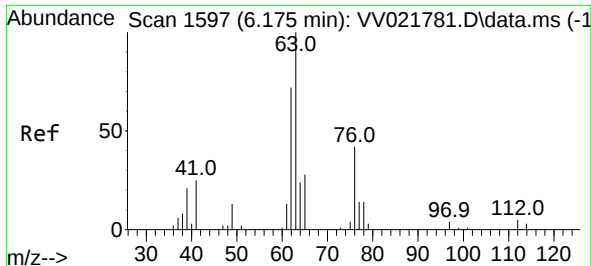
Ion Ratio Lower Upper

83 100

55 70.7 57.9 86.9

98 46.4 39.9 59.9





#37

1,2-Dichloropropane

Concen: 5.122 ug/L

RT: 6.178 min Scan# 1598

Delta R.T. 0.003 min

Lab File: VV021785.D

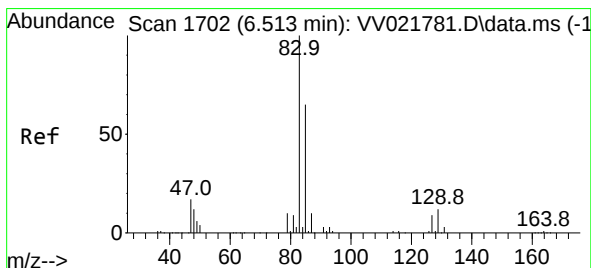
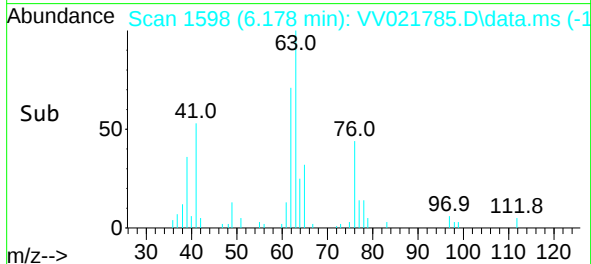
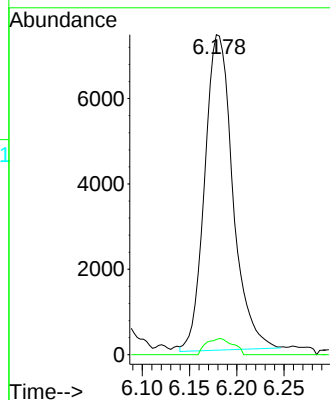
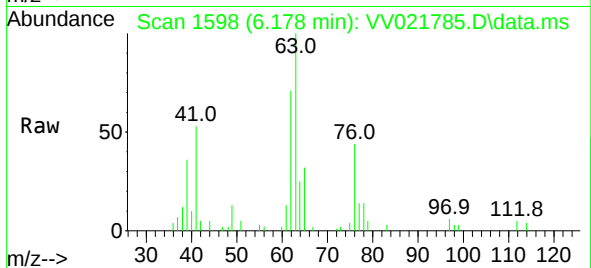
Acq: 16 Aug 2021 12:05

Tgt Ion: 63 Resp: 15324

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 4.366 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV021785.D

Acq: 16 Aug 2021 12:05

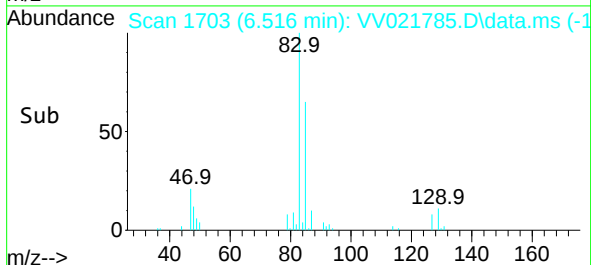
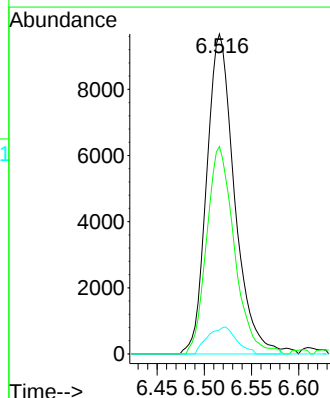
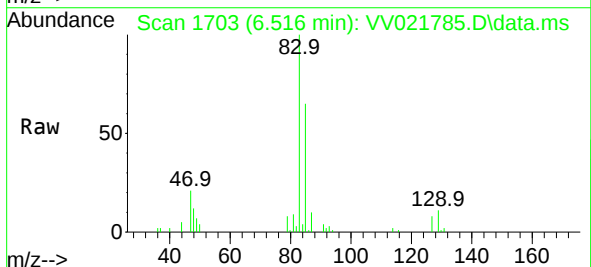
Tgt Ion: 83 Resp: 19723

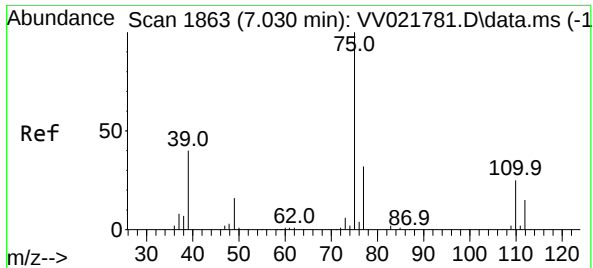
Ion Ratio Lower Upper

83 100

85 64.8 45.7 84.9

127 7.5 7.4 11.2

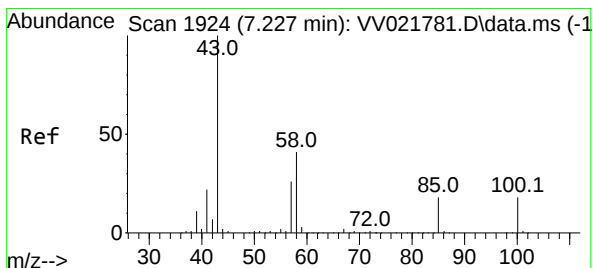
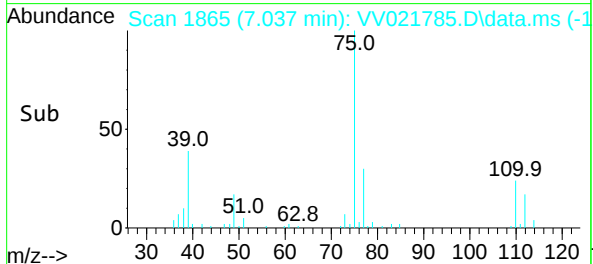
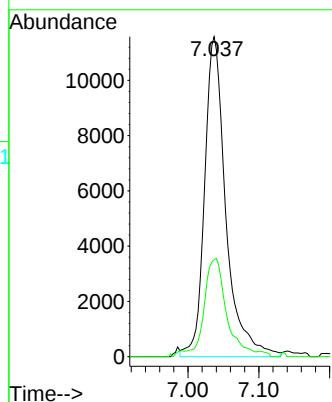
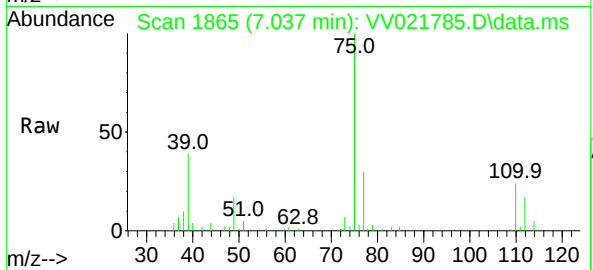




#39
 cis-1,3-Dichloropropene
 Concen: 5.027 ug/L
 RT: 7.037 min Scan# 1865
 Delta R.T. 0.006 min
 Lab File: VV021785.D
 Acq: 16 Aug 2021 12:05

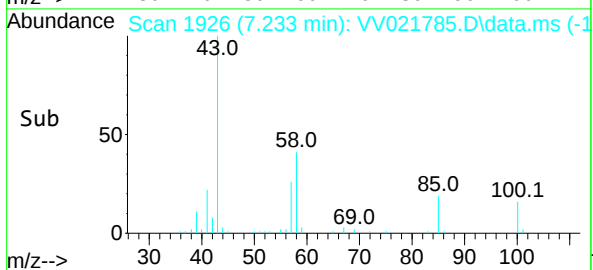
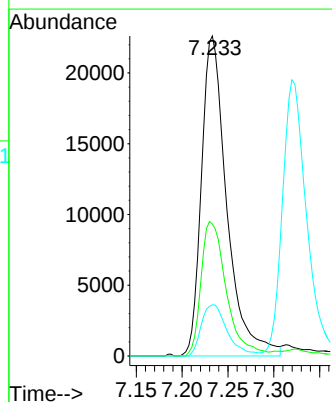
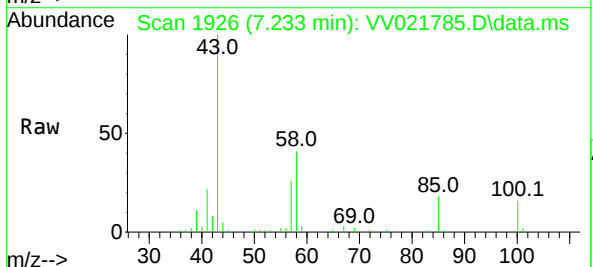
Instrument :
 MSVOA_V
 ClientSampled :

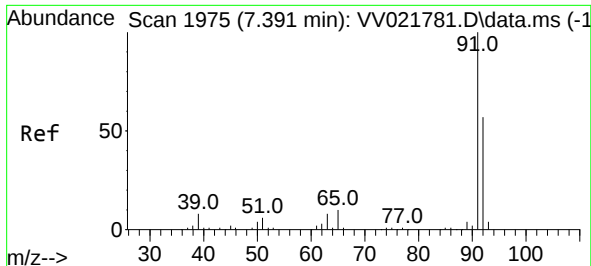
Tgt Ion: 75 Resp: 24190
 Ion Ratio Lower Upper
 75 100
 77 30.4 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 11.698 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. 0.006 min
 Lab File: VV021785.D
 Acq: 16 Aug 2021 12:05

Tgt Ion: 43 Resp: 43563
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.9 49.3
 100 16.3 14.0 21.0





#42

Toluene

Concen: 5.014 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.003 min

Lab File: VV021785.D

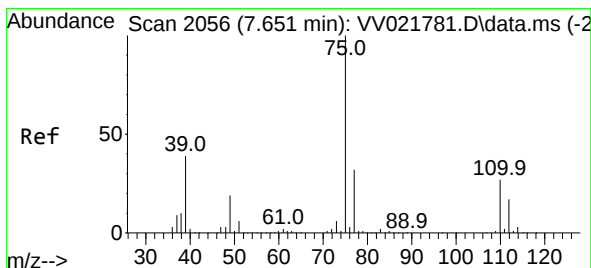
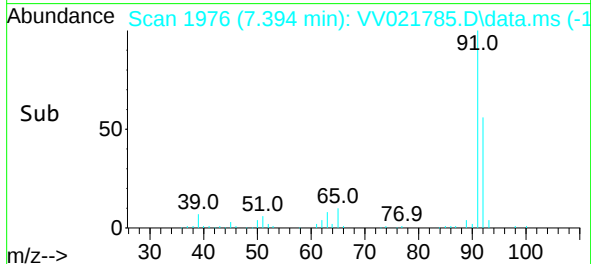
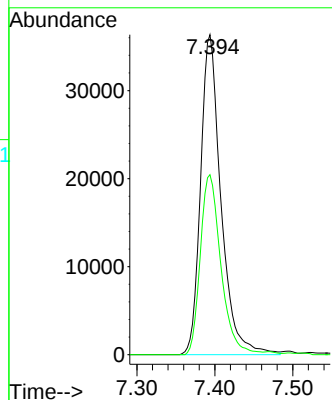
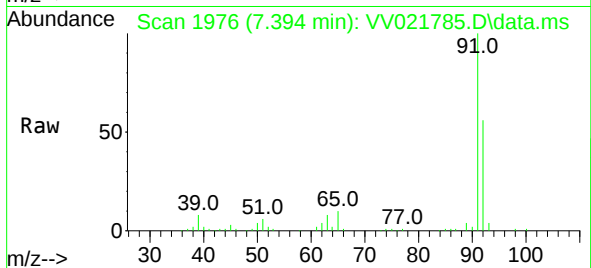
Acq: 16 Aug 2021 12:05

Tgt Ion: 91 Resp: 66146

Ion Ratio Lower Upper

91 100

92 56.2 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.318 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.010 min

Lab File: VV021785.D

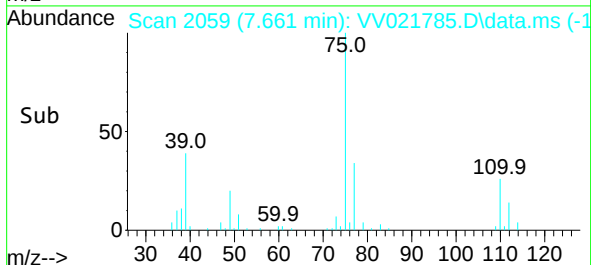
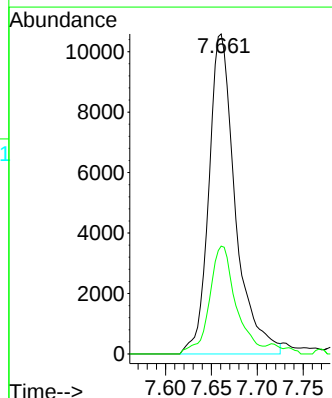
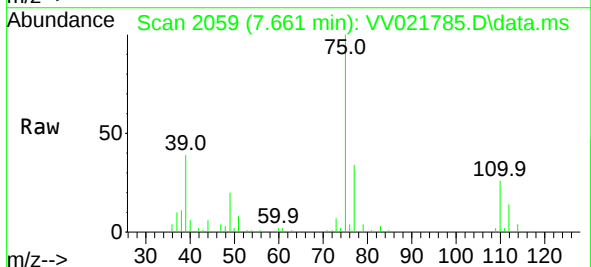
Acq: 16 Aug 2021 12:05

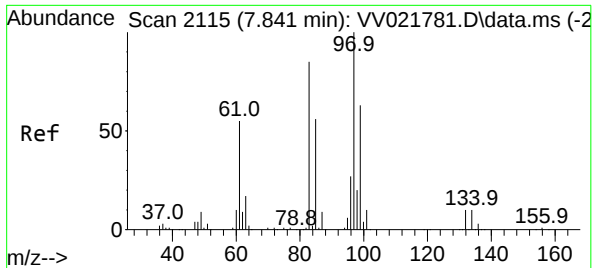
Tgt Ion: 75 Resp: 21248

Ion Ratio Lower Upper

75 100

77 33.7 22.2 41.2

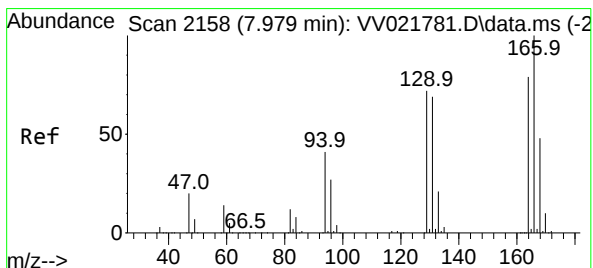
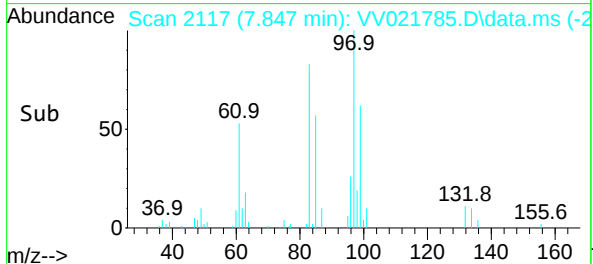
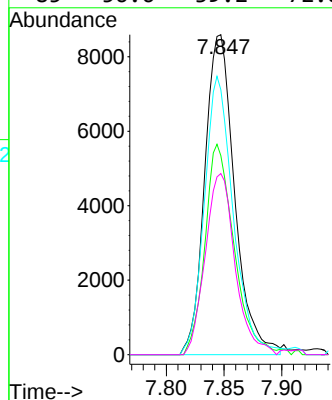
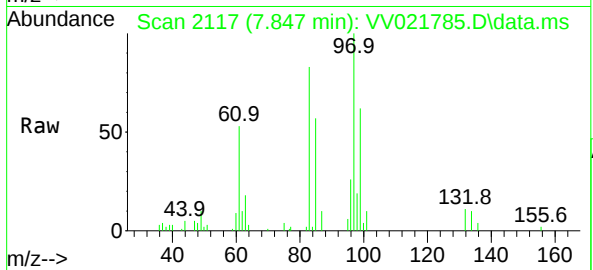




#45
1,1,2-Trichloroethane
Concen: 4.816 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

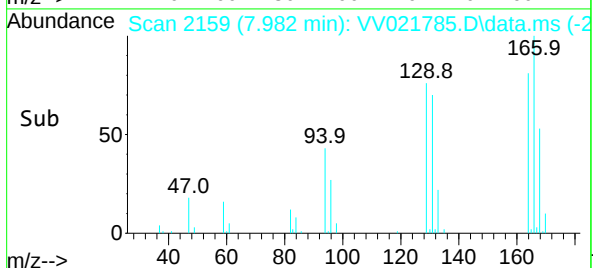
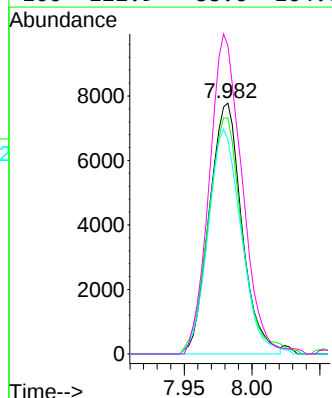
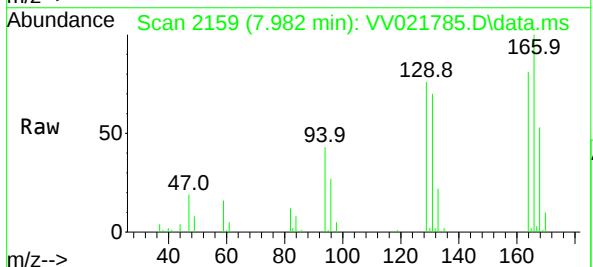
Instrument :
MSVOA_V
ClientSampled :

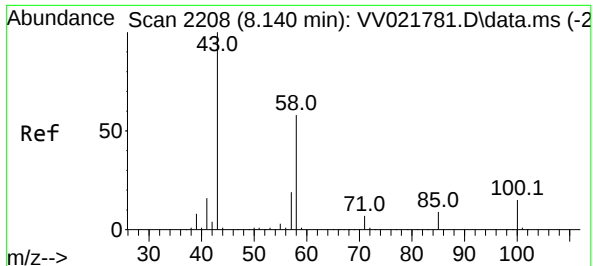
Tgt Ion:	97	Resp:	15481
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.2	82.0
83	82.8	59.2	110.0
85	56.6	39.2	72.8



#46
Tetrachloroethene
Concen: 4.454 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion:	164	Resp:	12995
Ion	Ratio	Lower	Upper
164	100		
129	94.0	63.7	118.3
131	85.5	61.5	114.3
166	122.9	88.6	164.6

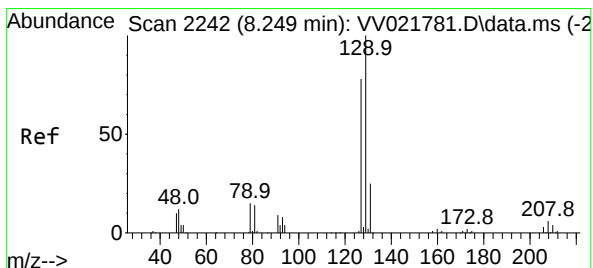
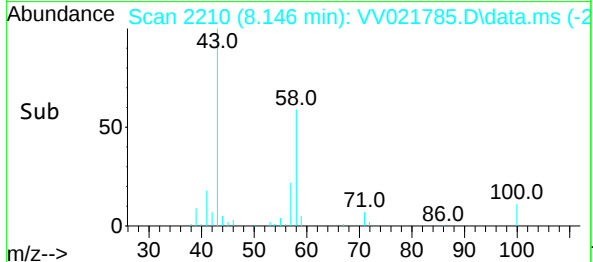
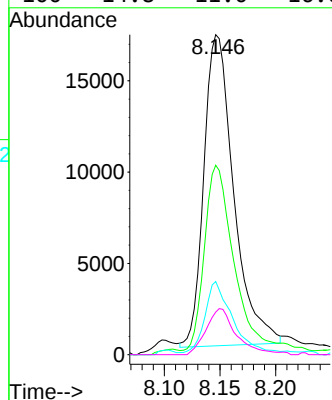
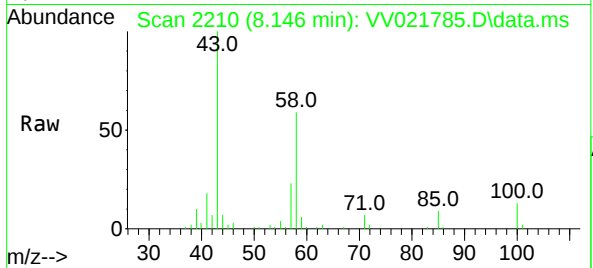




#48
2-Hexanone
Concen: 10.937 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

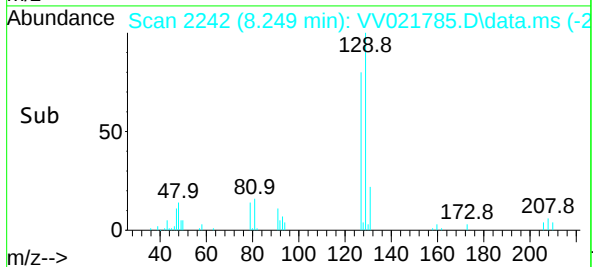
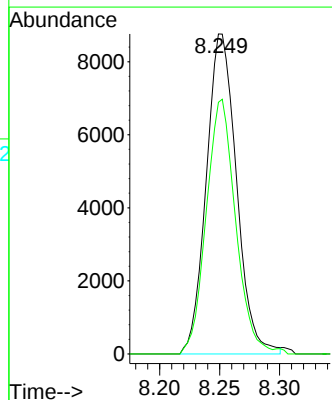
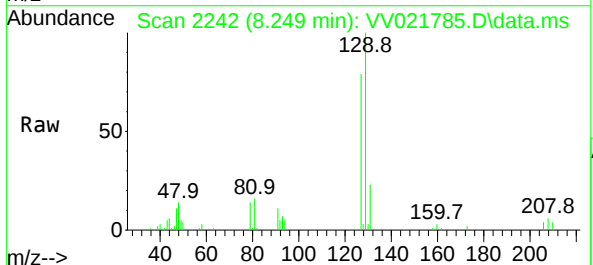
Instrument :
MSVOA_V
ClientSampled :

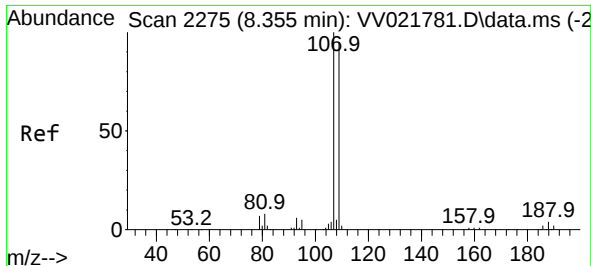
Tgt Ion:	43	Resp:	31847
Ion	Ratio	Lower	Upper
43	100		
58	58.6	45.4	68.2
57	21.1	15.3	22.9
100	14.8	11.0	16.6



#49
Dibromochloromethane
Concen: 3.974 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion:	129	Resp:	15346
Ion	Ratio	Lower	Upper
129	100		
127	78.7	54.9	101.9





#50

1,2-Dibromoethane

Concen: 4.838 ug/L

RT: 8.358 min Scan# 2276

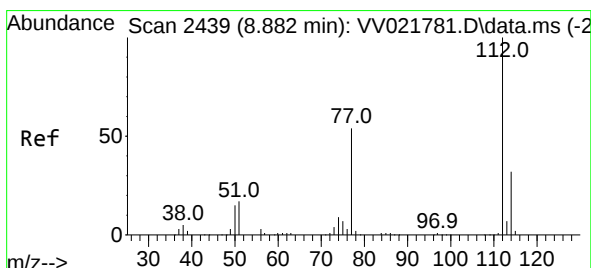
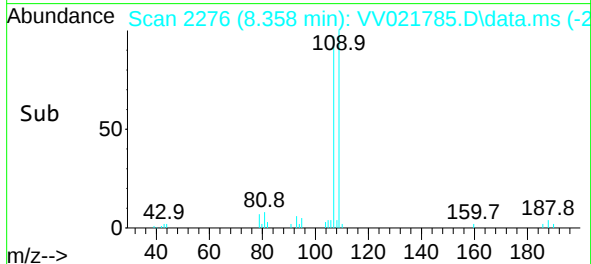
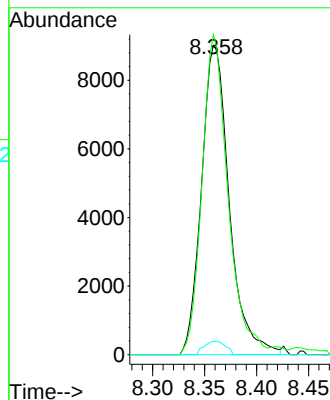
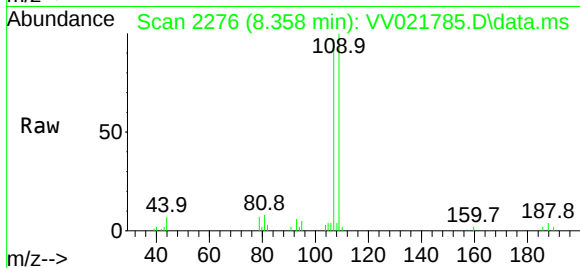
Delta R.T. 0.003 min

Lab File: VV021785.D

Acq: 16 Aug 2021 12:05

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	16780
Ion	Ratio	Lower	Upper
107	100		
109	103.5	66.3	123.1
188	4.3	3.0	4.4



#51

Chlorobenzene

Concen: 4.818 ug/L

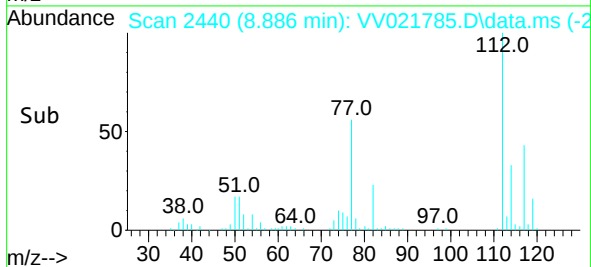
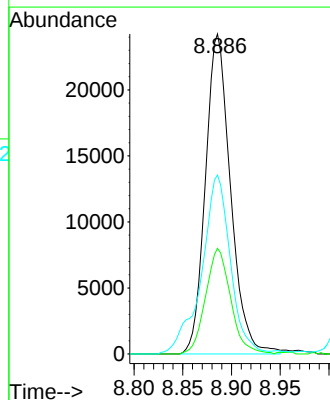
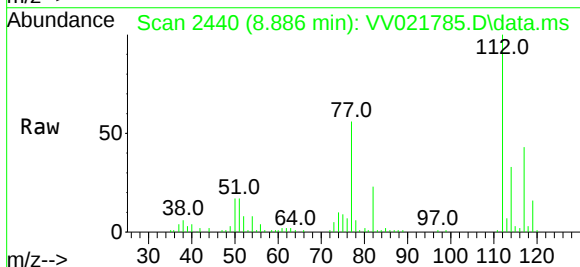
RT: 8.886 min Scan# 2440

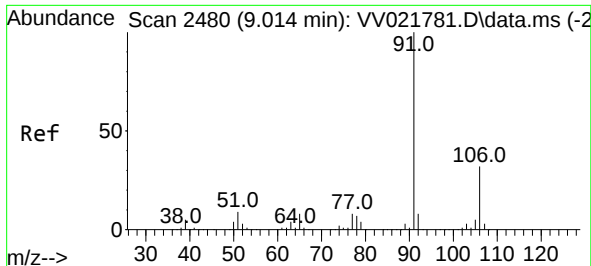
Delta R.T. 0.003 min

Lab File: VV021785.D

Acq: 16 Aug 2021 12:05

Tgt Ion:	112	Resp:	43536
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.2	41.2
77	55.9	43.7	65.5





#52

Ethylbenzene

Concen: 4.709 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.003 min

Lab File: VV021785.D

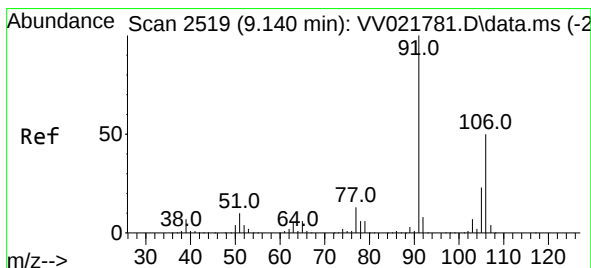
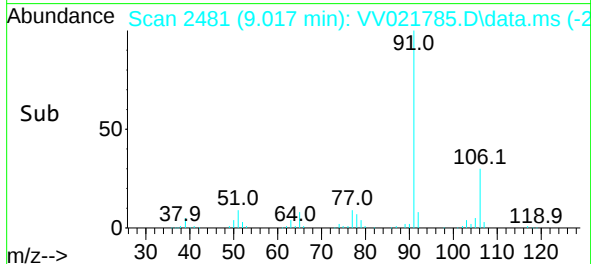
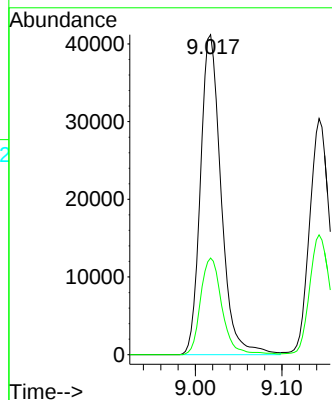
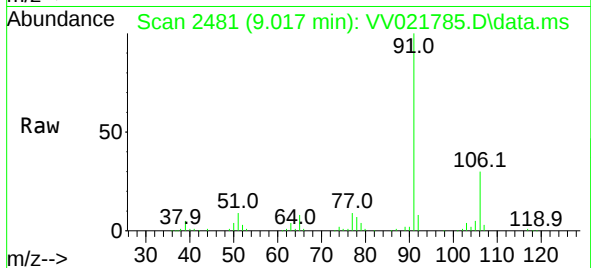
Acq: 16 Aug 2021 12:05

Tgt Ion: 91 Resp: 68239

Ion Ratio Lower Upper

91 100

106 30.2 22.2 41.2



#53

m,p-Xylene

Concen: 4.700 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VV021785.D

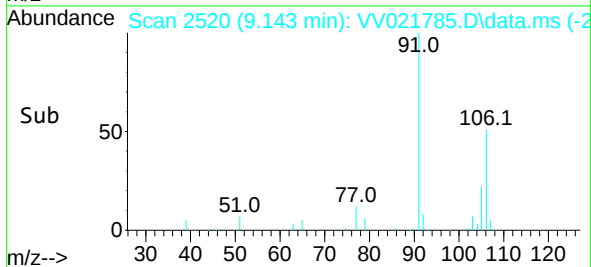
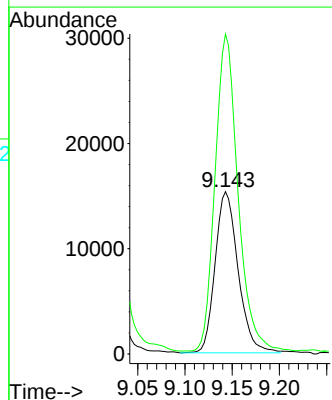
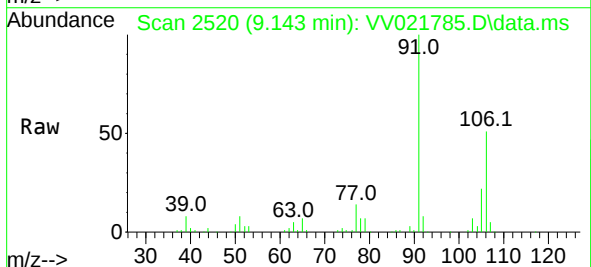
Acq: 16 Aug 2021 12:05

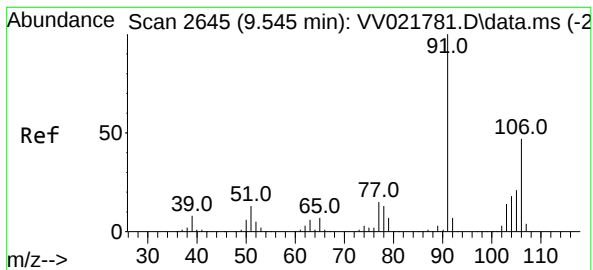
Tgt Ion: 106 Resp: 25947

Ion Ratio Lower Upper

106 100

91 197.1 139.2 258.6

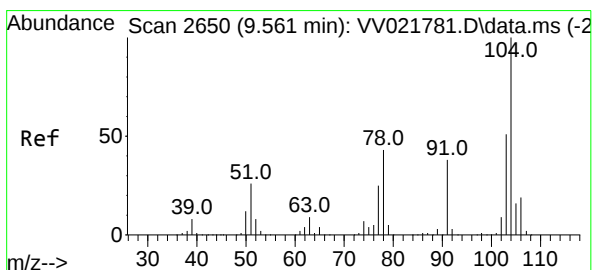
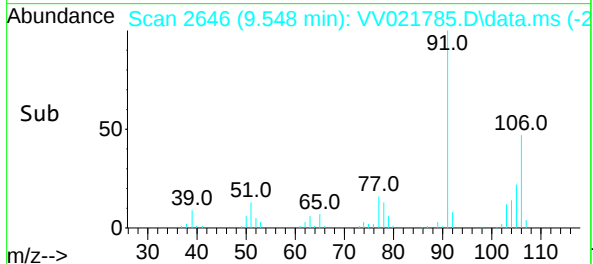
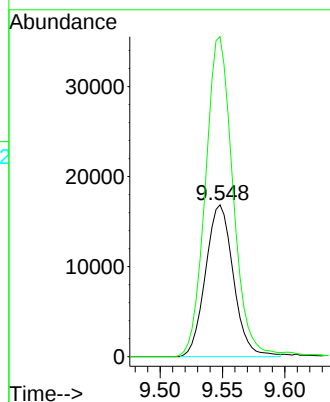
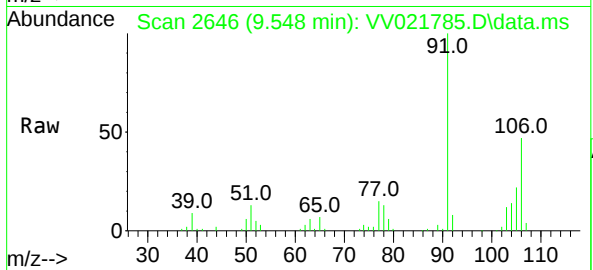




#54
o-Xylene
Concen: 4.818 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

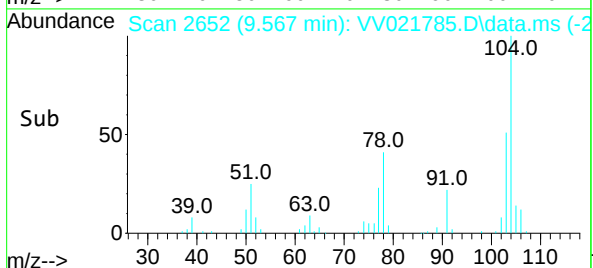
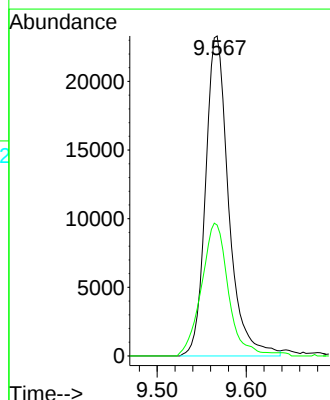
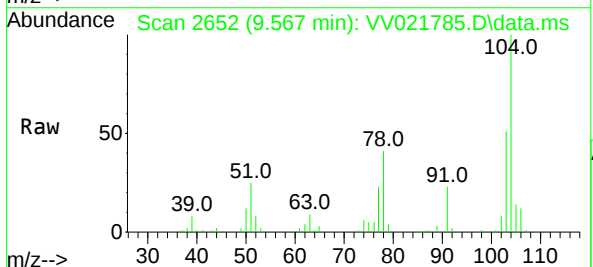
Instrument :
MSVOA_V
ClientSampled :

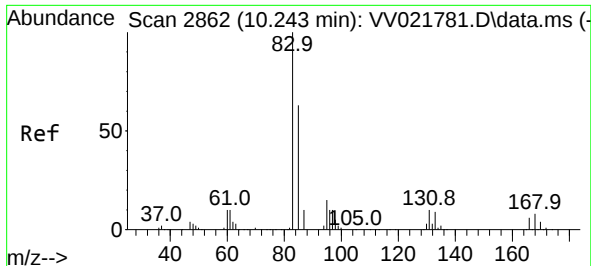
Tgt Ion:106 Resp: 26259
Ion Ratio Lower Upper
106 100
91 210.7 148.1 275.0



#55
Styrene
Concen: 4.565 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion:104 Resp: 41900
Ion Ratio Lower Upper
104 100
78 40.9 30.2 56.2

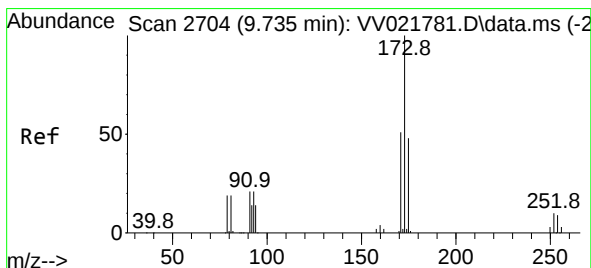
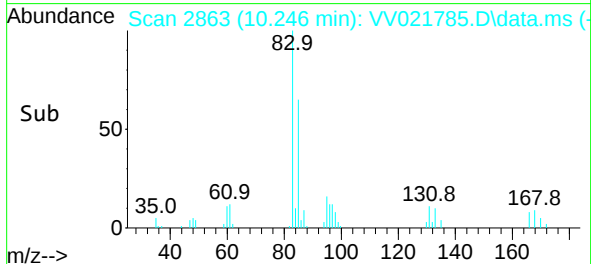
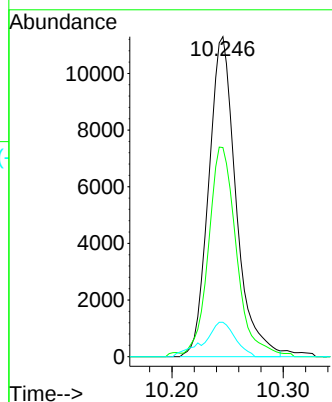
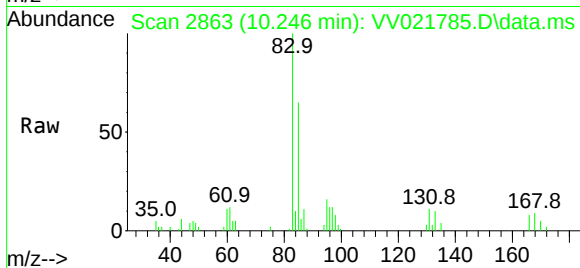




#57
1,1,2,2-Tetrachloroethane
Concen: 3.847 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

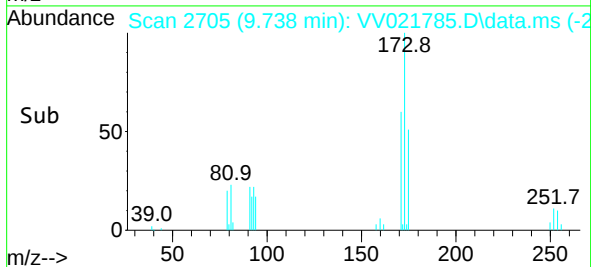
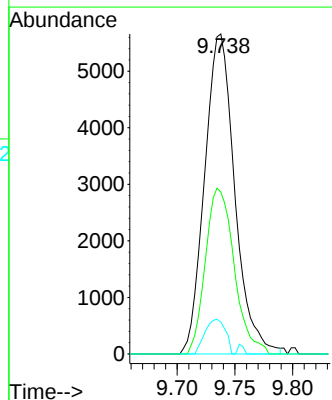
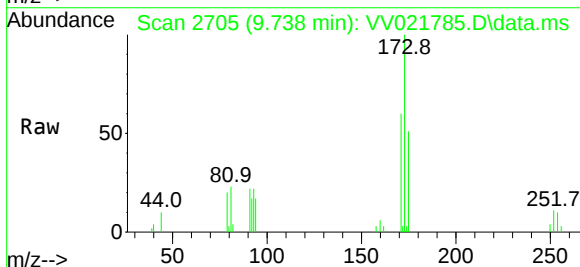
Instrument :
MSVOA_V
ClientSampled :

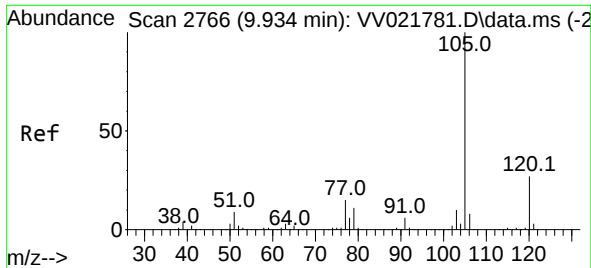
Tgt Ion: 83 Resp: 19230
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.5
131 10.8 7.9 11.9



#59
Bromoform
Concen: 4.026 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion: 173 Resp: 10263
Ion Ratio Lower Upper
173 100
175 49.4 38.6 58.0
254 7.3 7.2 10.8

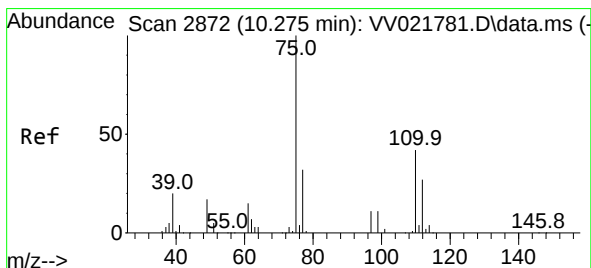
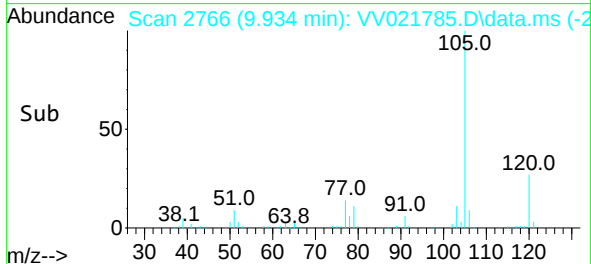
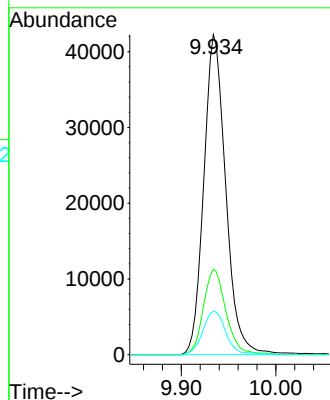
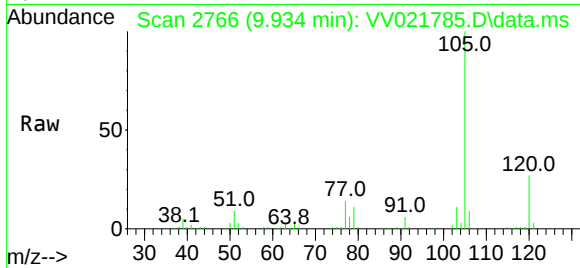




#60
Isopropylbenzene
Concen: 5.404 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

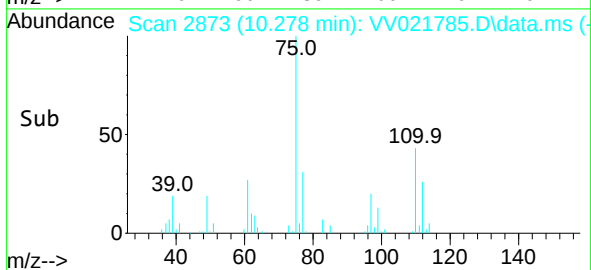
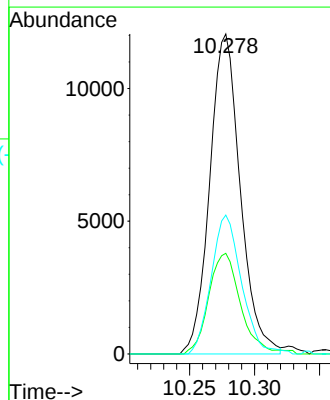
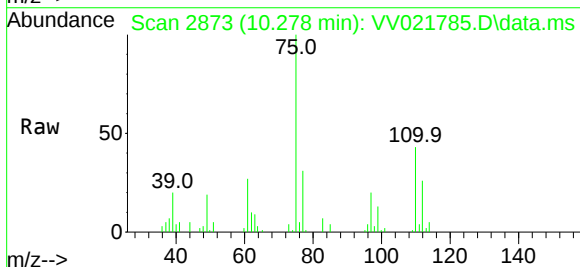
Instrument :
MSVOA_V
ClientSampled :

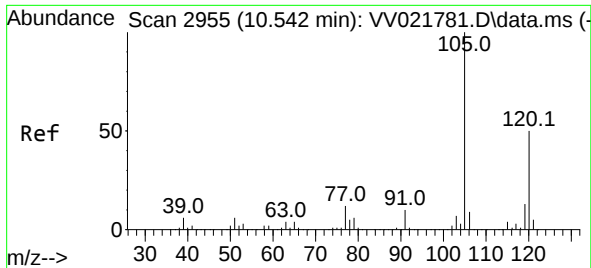
Tgt Ion:105 Resp: 68144
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 14.2 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.540 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion: 75 Resp: 19678
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
110 43.1 33.4 50.2

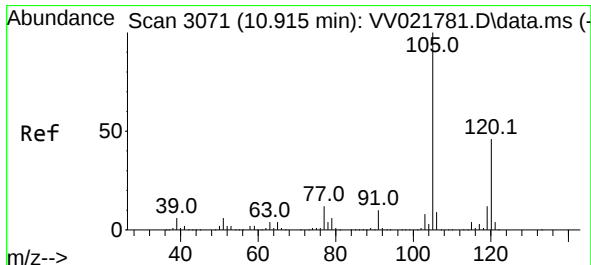
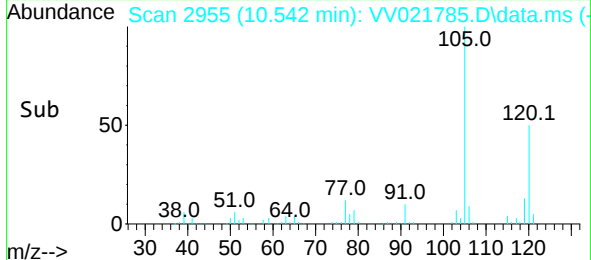
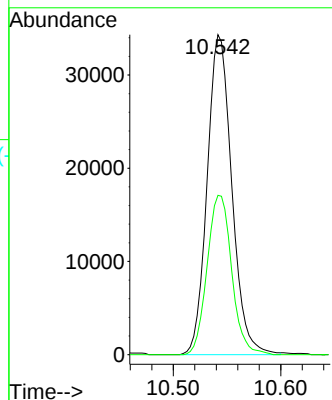
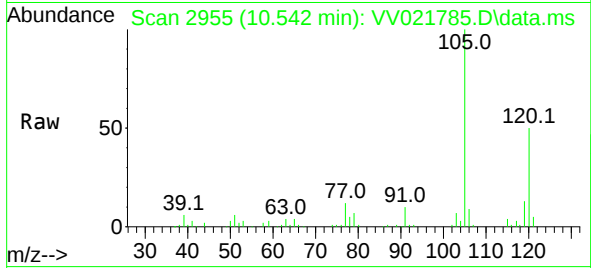




#62
1,3,5-Trimethylbenzene
Concen: 5.130 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

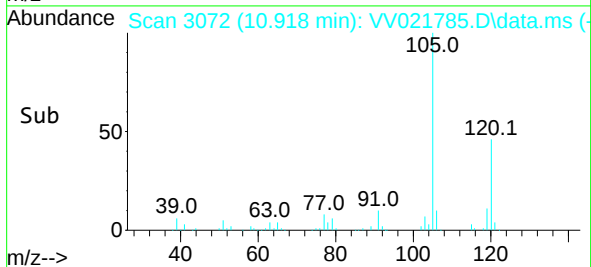
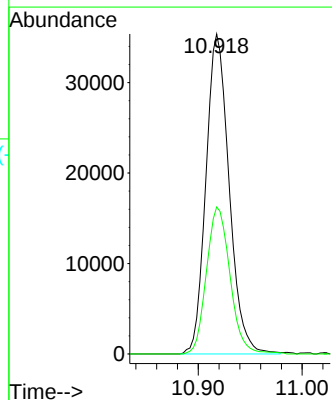
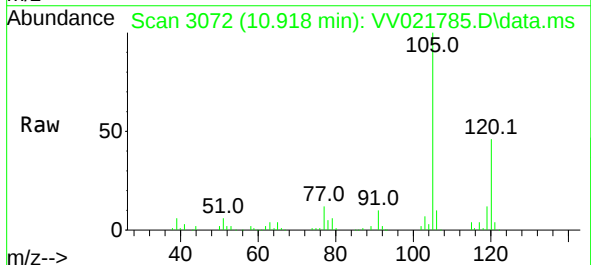
Instrument :
MSVOA_V
ClientSampleId :

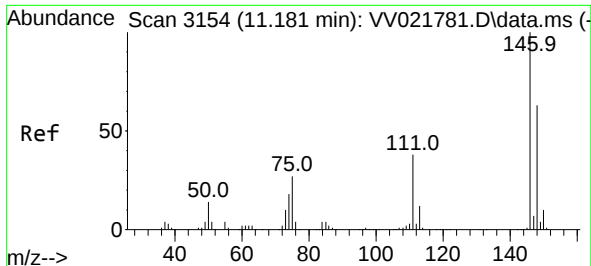
Tgt Ion:105 Resp: 54718
Ion Ratio Lower Upper
105 100
120 49.7 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 5.133 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion:105 Resp: 54832
Ion Ratio Lower Upper
105 100
120 46.7 37.3 55.9

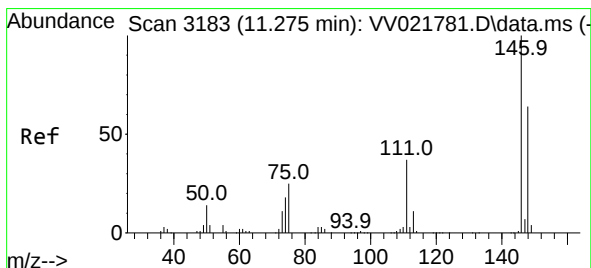
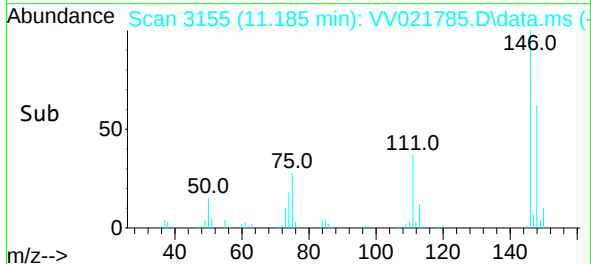
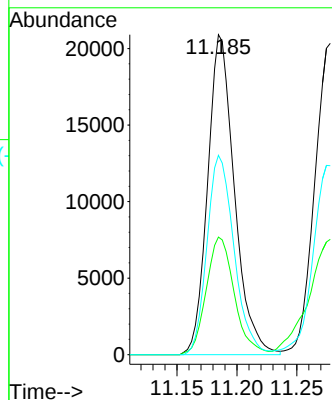
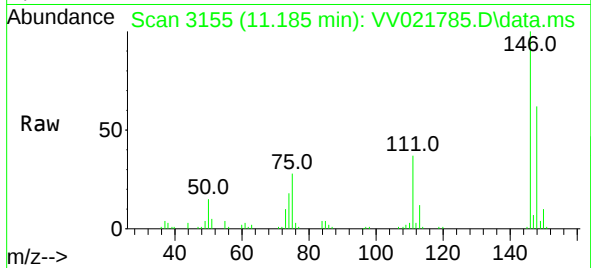




#64
1,3-Dichlorobenzene
Concen: 5.200 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

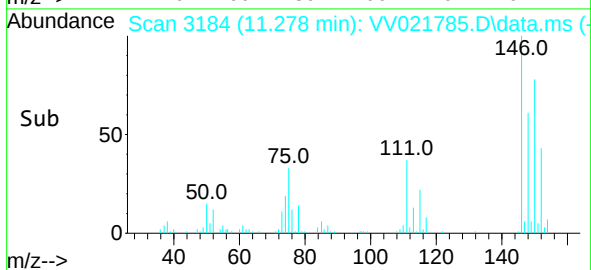
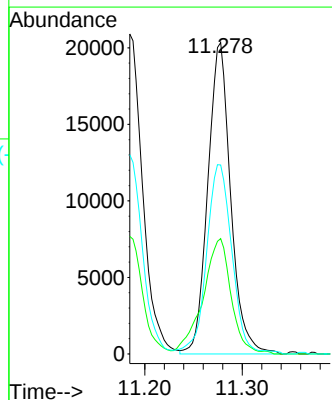
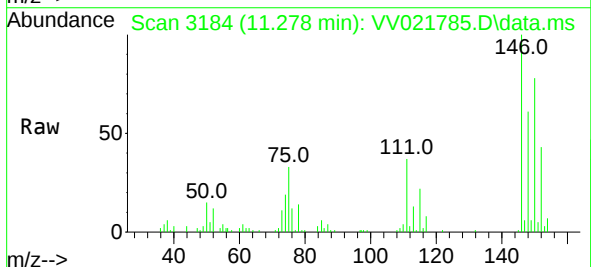
Instrument :
MSVOA_V
ClientSampled :

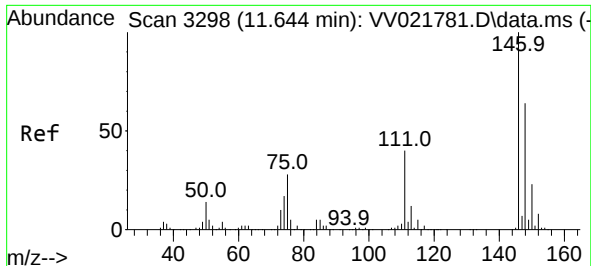
Tgt Ion:146 Resp: 32481
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.1
148 62.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.191 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion:146 Resp: 33224
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.6
148 60.7 45.1 83.9

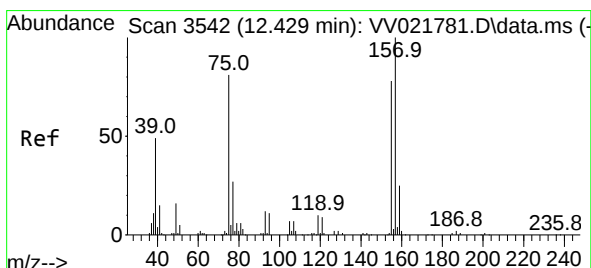
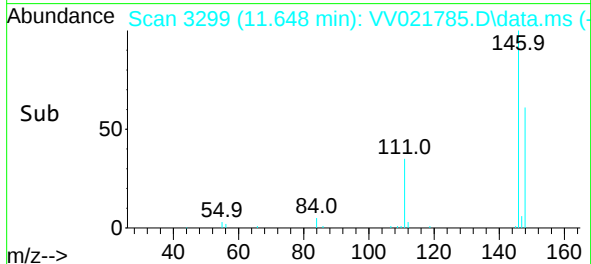
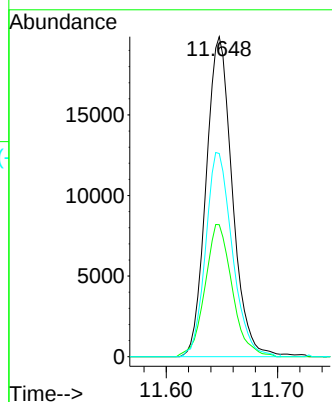
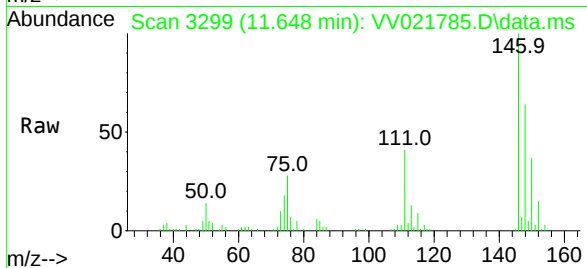




#67
1,2-Dichlorobenzene
Concen: 5.033 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

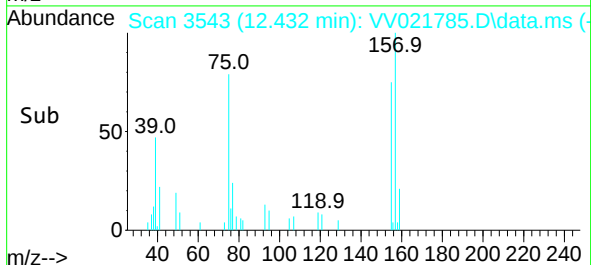
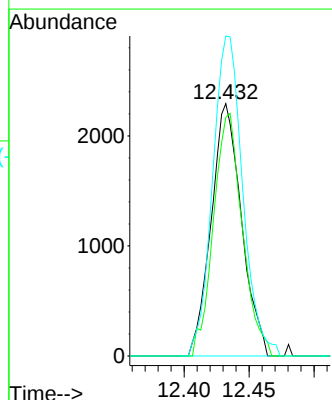
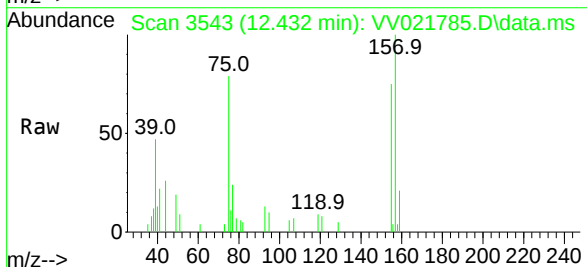
Instrument :
MSVOA_V
ClientSampled :

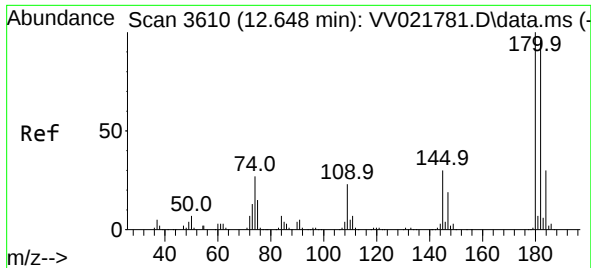
Tgt Ion:146 Resp: 32444
Ion Ratio Lower Upper
146 100
111 41.3 31.8 47.8
148 63.5 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 3.613 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion: 75 Resp: 3711
Ion Ratio Lower Upper
75 100
155 99.8 77.8 116.8
157 126.8 99.4 149.0

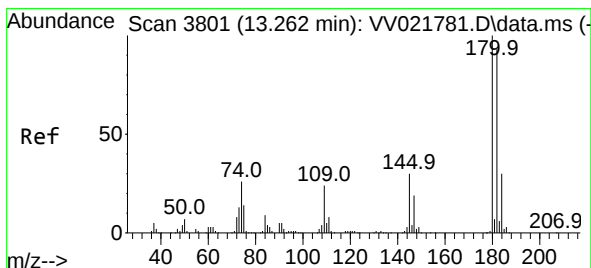
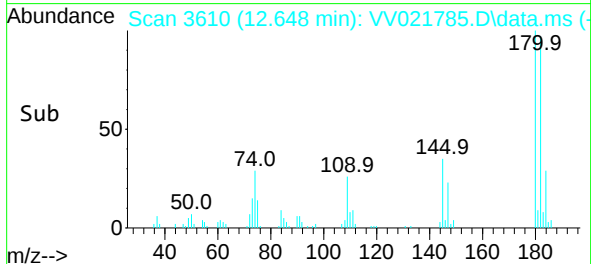
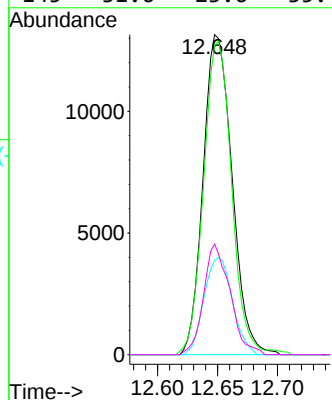
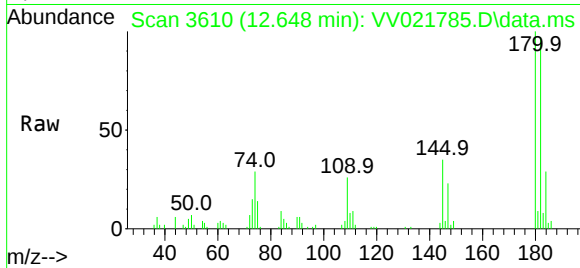




#69
1,3,5-Trichlorobenzene
Concen: 4.603 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

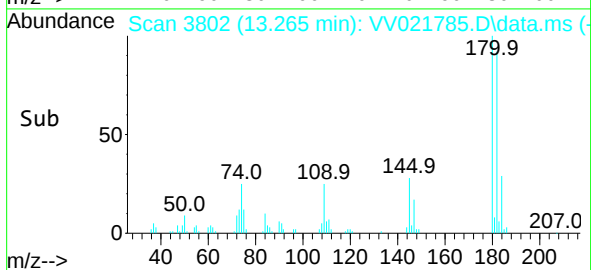
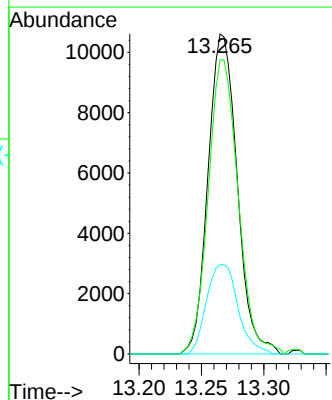
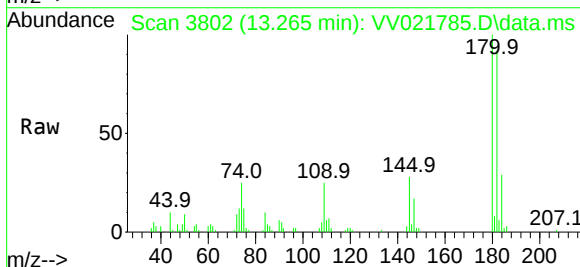
Instrument :
MSVOA_V
ClientSampleId :

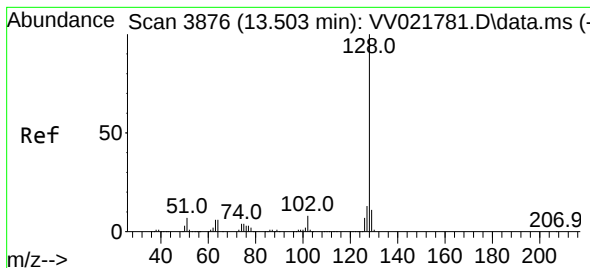
Tgt Ion:	180	Resp:	22094
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.8	115.2
184	29.7	24.1	36.1
145	31.6	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 4.363 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

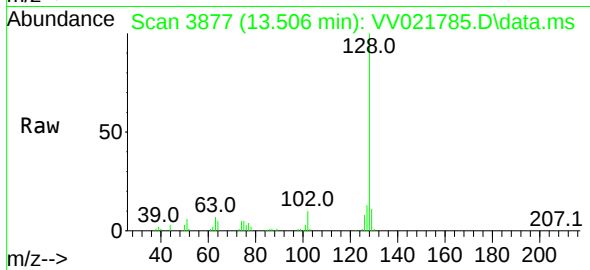
Tgt Ion:	180	Resp:	17246
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.8	113.6
145	30.2	23.9	35.9



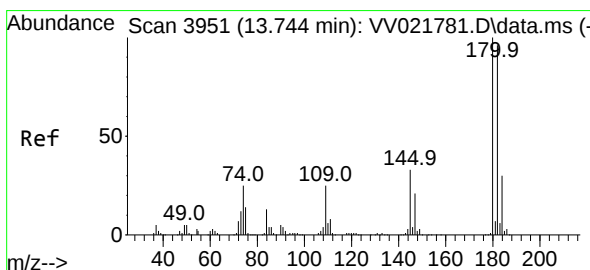
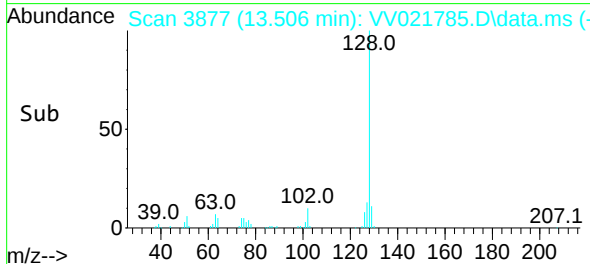
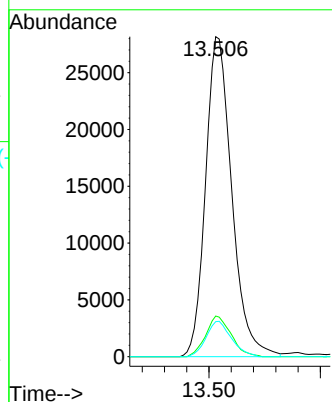


#71
Naphthalene
Concen: 4.173 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 46042
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 4.592 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021785.D
Acq: 16 Aug 2021 12:05

Tgt Ion:180 Resp: 18293
Ion Ratio Lower Upper
180 100
182 91.6 76.2 114.2
145 32.3 25.6 38.4

