

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023878.D
 Acq On : 10 Dec 2021 11:20
 Operator : SY/MD
 Sample : VSTD0.559
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 03:26:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 03:24:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	108052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	109316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	2865	0.337	ug/L	0.00
7) Chloroethane-d5	1.564	69	2262	0.335	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	5498	0.367	ug/L	0.00
20) 2-Butanone-d5	3.950	46	958	0.915	ug/L	0.05
24) Chloroform-d	4.352	84	6388	0.417	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	2798	0.391	ug/L	0.00
32) Benzene-d6	5.056	84	9262	0.321	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	2909	0.356	ug/L	0.00
41) Toluene-d8	7.317	98	8370	0.315	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	1181	0.358	ug/L	0.01
46) 2-Hexanone-d5	8.101	63	4289	3.713	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	2612	0.434	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	3981	0.379	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	4868	0.487	ug/L	97
3) Chloromethane	1.237	50	4317	0.497	ug/L	97
5) Vinyl chloride	1.307	62	4431	0.486	ug/L	99
6) Bromomethane	1.519	94	2843	0.534	ug/L	97
8) Chloroethane	1.584	64	3030	0.517	ug/L	99
9) Trichlorofluoromethane	1.751	101	7554	0.501	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4075	0.534	ug/L	95
12) 1,1-Dichloroethene	2.114	96	3747	0.526	ug/L	94
13) Acetone	2.191	43	1234	1.392	ug/L #	48
14) Carbon disulfide	2.291	76	11049	0.474	ug/L	99
16) Methylene chloride	2.503	84	6649	0.650	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	7422	0.496	ug/L #	83
18) trans-1,2-Dichloroethene	2.761	96	3852	0.474	ug/L	94
19) 1,1-Dichloroethane	3.188	63	7098	0.514	ug/L	96
21) 2-Butanone	4.027	43	1448	1.266	ug/L	91
22) cis-1,2-Dichloroethene	3.921	96	3978	0.500	ug/L	85
23) Bromochloromethane	4.249	128	1806	0.486	ug/L	94
25) Chloroform	4.378	83	8327	0.541	ug/L	94
27) 1,2-Dichloroethane	5.137	62	4136	0.508	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	6801	0.481	ug/L	94
30) Cyclohexane	4.674	56	5290	0.455	ug/L	98
31) Carbon tetrachloride	4.825	117	6781	0.525	ug/L	99
33) Benzene	5.098	78	14290	0.465	ug/L	100
34) Trichloroethene	5.915	95	4565	0.549	ug/L	94
35) Methylcyclohexane	6.124	83	5748	0.450	ug/L	97
37) 1,2-Dichloropropane	6.172	63	3646	0.500	ug/L #	90
38) Bromodichloromethane	6.513	83	5050	0.506	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	4817	0.459	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	12879	3.666	ug/L	99
42) Toluene	7.391	91	15701	0.472	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	4405	0.499	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	2510	0.490	ug/L	96

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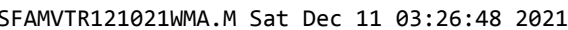
Instrument :
 MSVOA_V
 ClientSampleId :

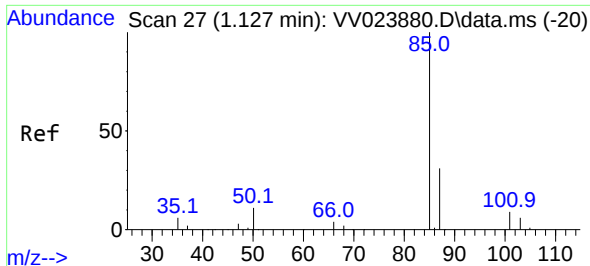
Quant Time: Dec 11 03:26:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 03:24:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.979	164	3729	0.495	ug/L	89
48) 2-Hexanone	8.149	43	8961	3.456	ug/L	92
49) Dibromochloromethane	8.243	129	3400	0.485	ug/L	92
50) 1,2-Dibromoethane	8.362	107	2272	0.461	ug/L #	99
51) Chlorobenzene	8.883	112	11007	0.495	ug/L	92
52) Ethylbenzene	9.014	91	16005	0.456	ug/L	100
53) m,p-xylene	9.140	106	6592	0.476	ug/L	90
54) o-xylene	9.542	106	6123	0.460	ug/L	89
55) Styrene	9.564	104	9563	0.430	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	2974	0.527	ug/L #	79
59) Bromoform	9.735	173	1903	0.477	ug/L #	89
60) Isopropylbenzene	9.931	105	16815	0.470	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	2073	0.487	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.538	105	12762	0.428	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	12849	0.438	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	9139	0.497	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	9639	0.523	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	8515	0.507	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.432	75	409	0.478	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.648	180	7838	0.544	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	6064	0.540	ug/L	99
71) Naphthalene	13.506	128	8344	0.548	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	5311	0.545	ug/L	97

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

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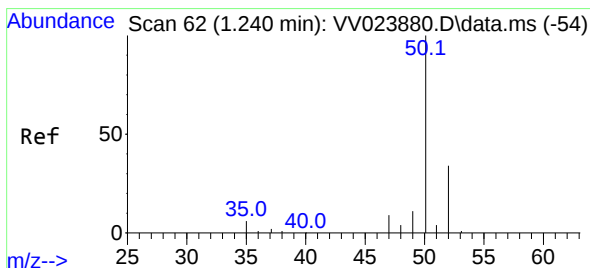
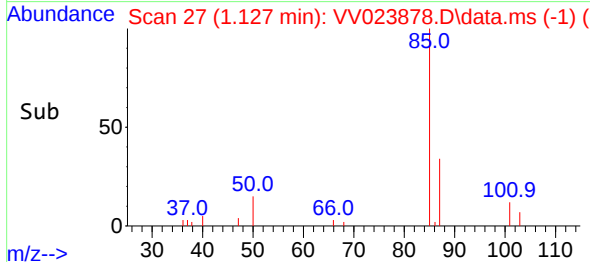
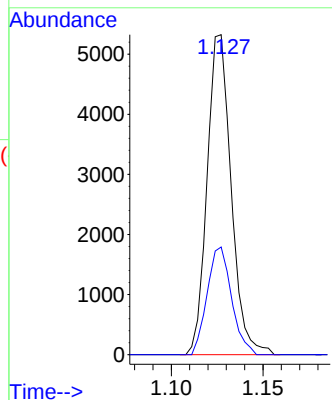
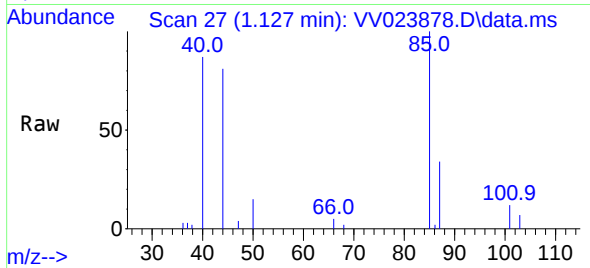




#2
 Dichlorodifluoromethane
 Concen: 0.487 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023878.D
 Acq: 10 Dec 2021 11:20

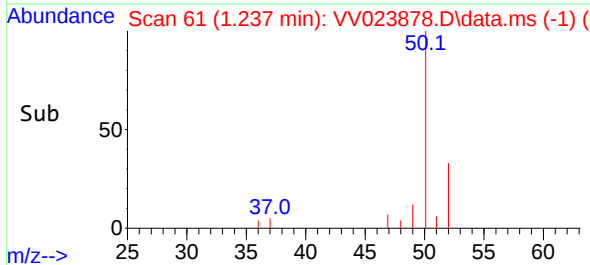
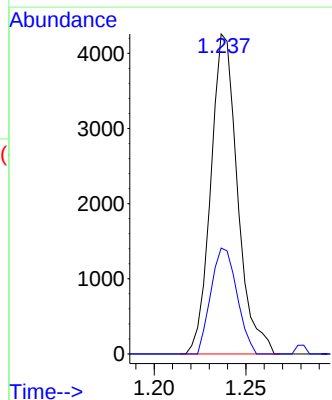
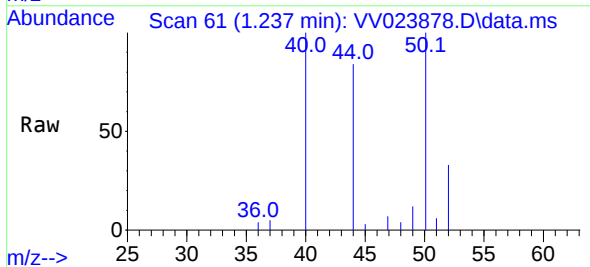
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 4868
 Ion Ratio Lower Upper
 85 100
 87 34.1 26.0 39.0

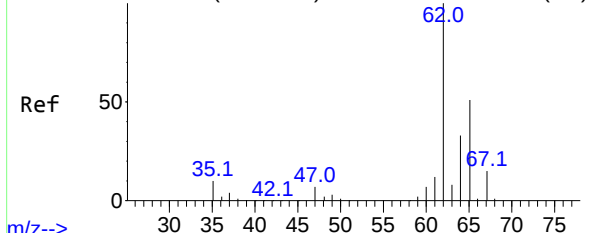


#3
 Chloromethane
 Concen: 0.497 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV023878.D
 Acq: 10 Dec 2021 11:20

Tgt Ion: 50 Resp: 4317
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 41.0



Abundance Scan 84 (1.310 min): VV023880.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.486 ug/L

RT: 1.307 min Scan# 81

Delta R.T. -0.003 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

Instrument :

MSVOA_V

ClientSampleId :

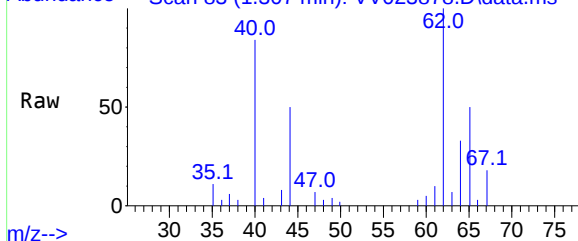
Tgt Ion: 62 Resp: 4431

Ion Ratio Lower Upper

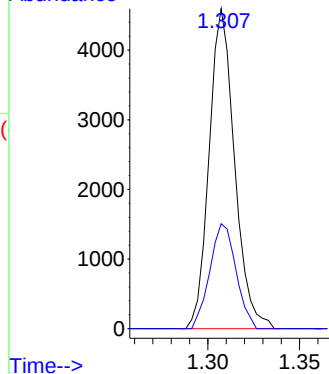
62 100

64 32.8 22.4 41.6

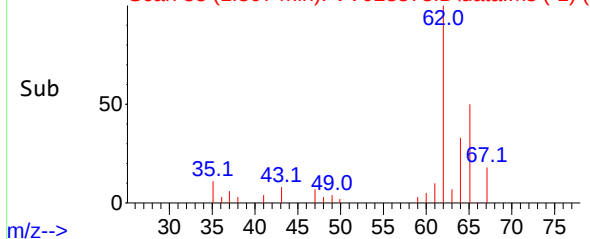
Abundance Scan 83 (1.307 min): VV023878.D\data.ms



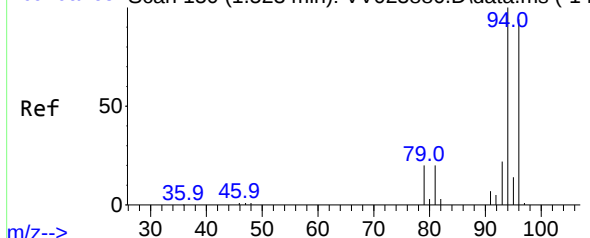
Abundance



Abundance Scan 83 (1.307 min): VV023878.D\data.ms (-1)



Abundance Scan 150 (1.523 min): VV023880.D\data.ms (-14)



#6

Bromomethane

Concen: 0.534 ug/L

RT: 1.519 min Scan# 149

Delta R.T. -0.003 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

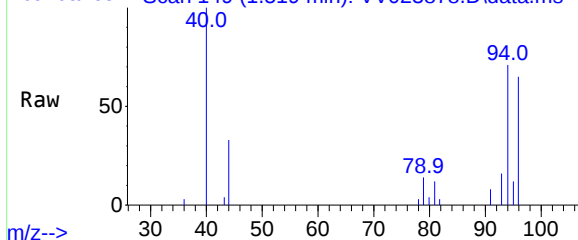
Tgt Ion: 94 Resp: 2843

Ion Ratio Lower Upper

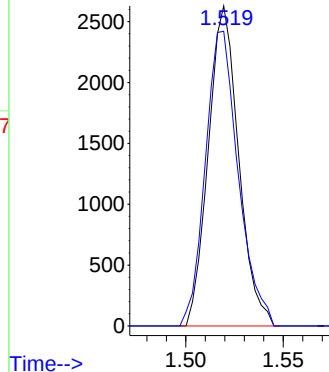
94 100

96 92.1 66.2 123.0

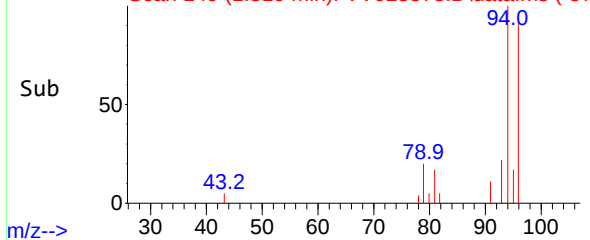
Abundance Scan 149 (1.519 min): VV023878.D\data.ms

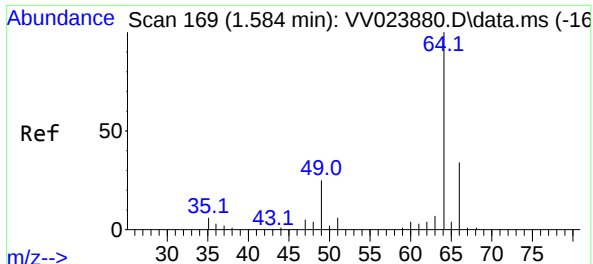


Abundance



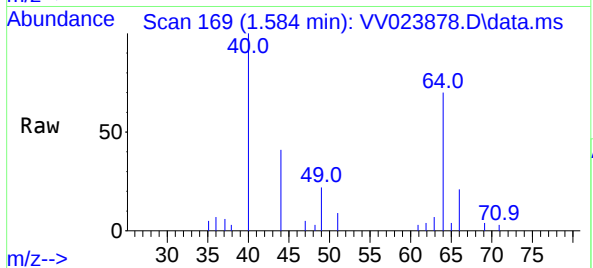
Abundance Scan 149 (1.519 min): VV023878.D\data.ms (-57)



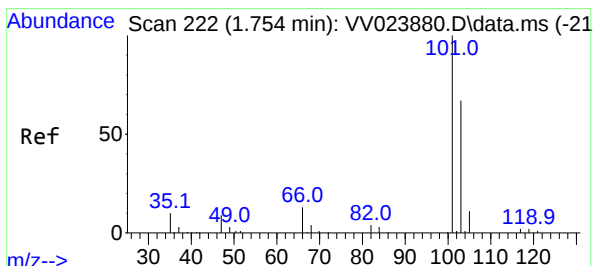
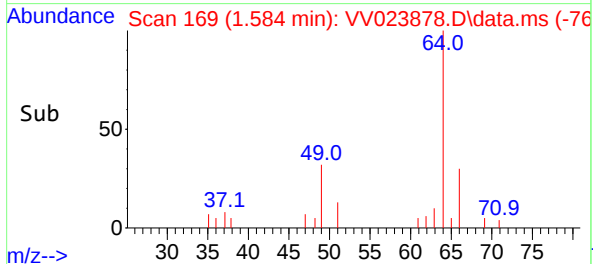
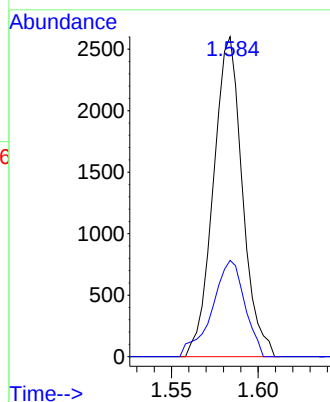


#8
Chloroethane
Concen: 0.517 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :

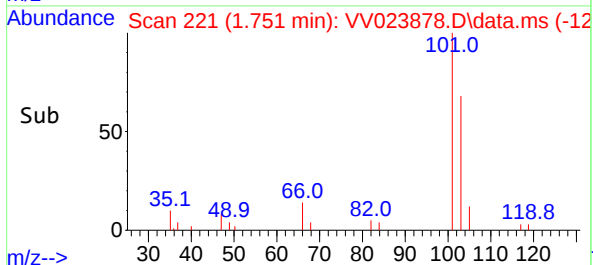
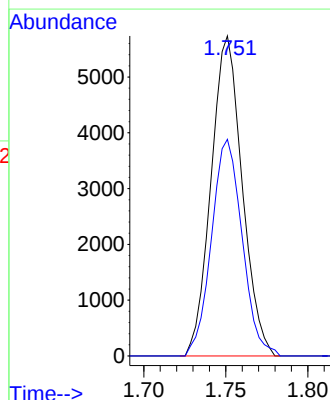
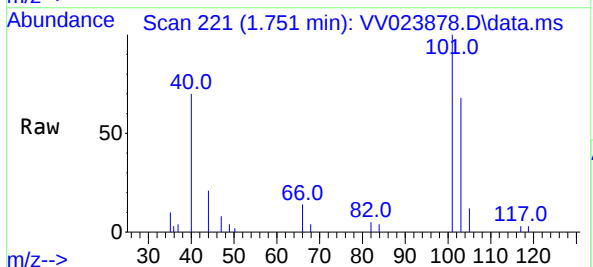


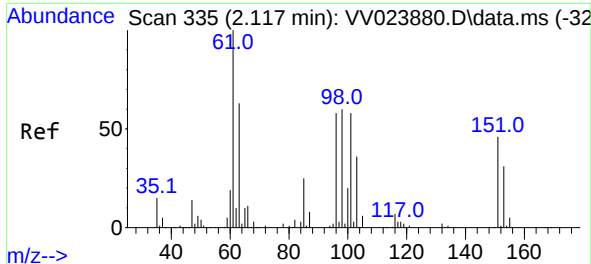
Tgt Ion: 64 Resp: 3030
Ion Ratio Lower Upper
64 100
66 30.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.501 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion:101 Resp: 7554
Ion Ratio Lower Upper
101 100
103 66.8 51.6 77.4

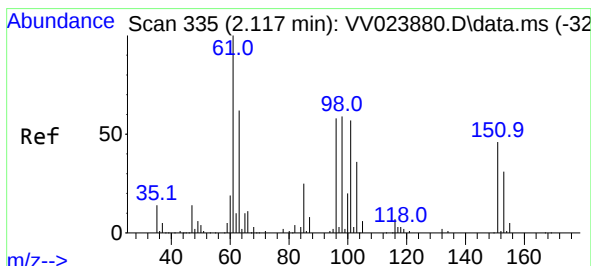
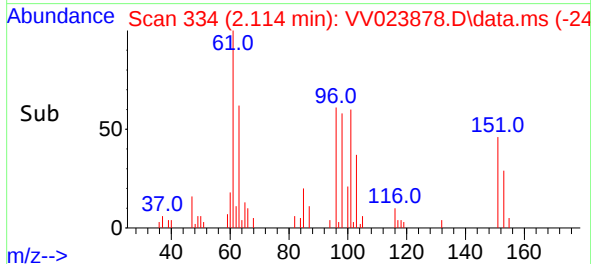
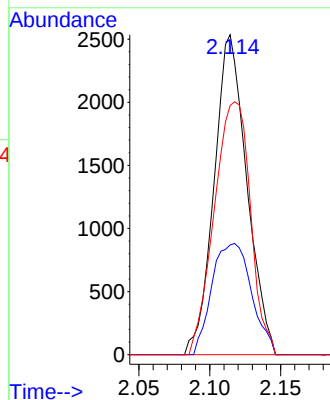
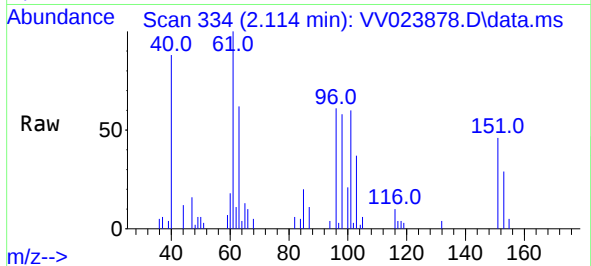




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.534 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

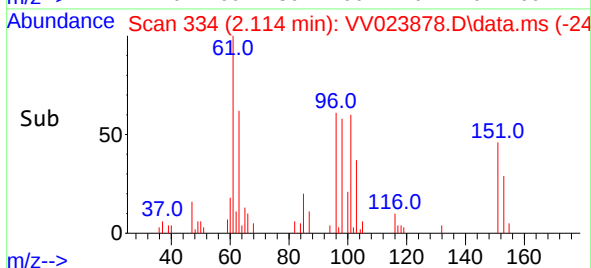
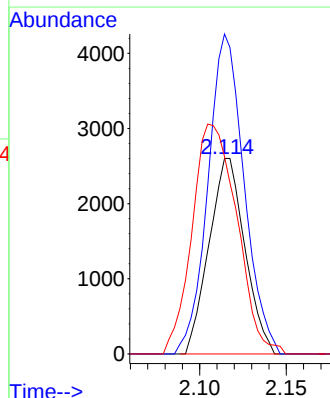
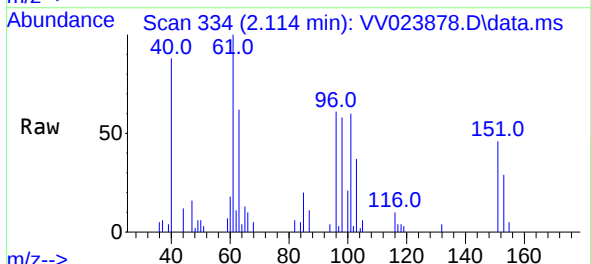
Instrument :
MSVOA_V
ClientSampleId :

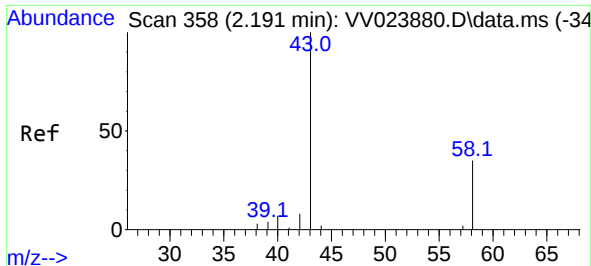
Tgt Ion:101 Resp: 4075
Ion Ratio Lower Upper
101 100
85 42.1 36.0 54.0
151 87.5 66.4 99.6



#12
1,1-Dichloroethene
Concen: 0.526 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion: 96 Resp: 3747
Ion Ratio Lower Upper
96 100
61 163.7 116.1 215.5
63 100.9 79.4 147.4





#13

Acetone

Concen: 1.392 ug/L

RT: 2.191 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

Instrument :

MSVOA_V

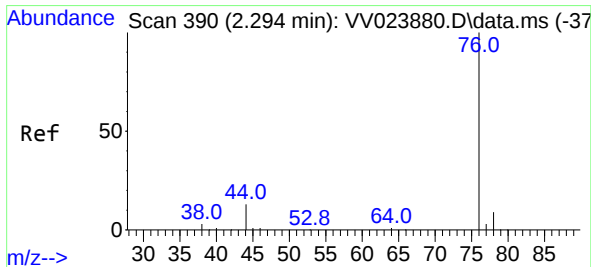
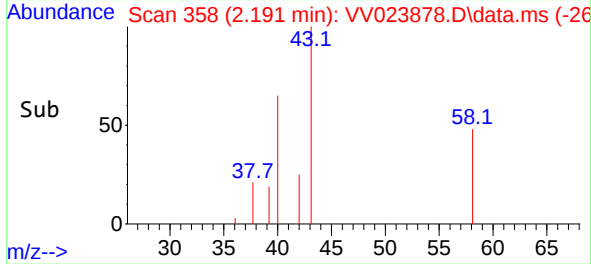
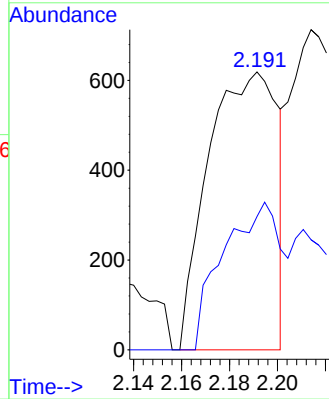
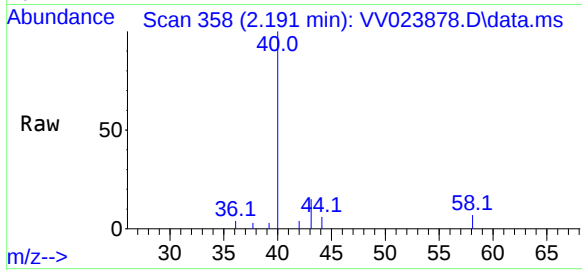
ClientSampleId :

Tgt Ion: 43 Resp: 1234

Ion Ratio Lower Upper

43 100

58 45.1 0.0 41.4#



#14

Carbon disulfide

Concen: 0.474 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV023878.D

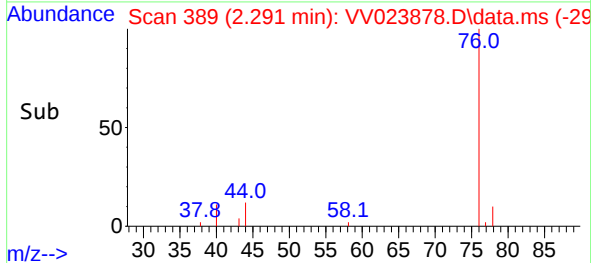
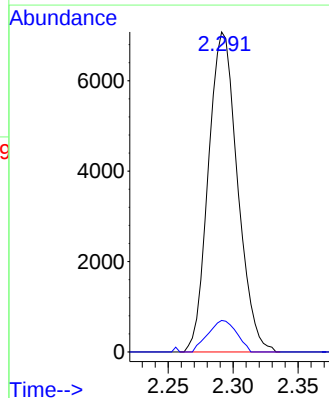
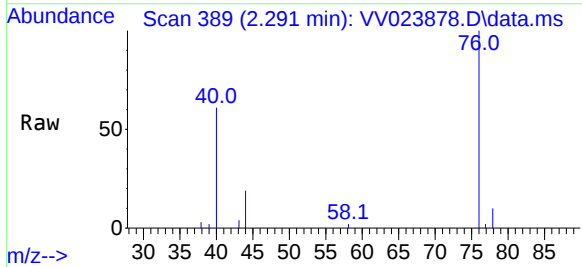
Acq: 10 Dec 2021 11:20

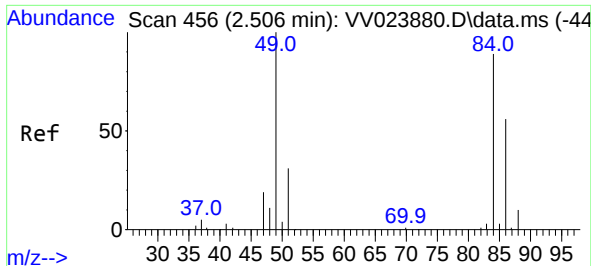
Tgt Ion: 76 Resp: 11049

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3

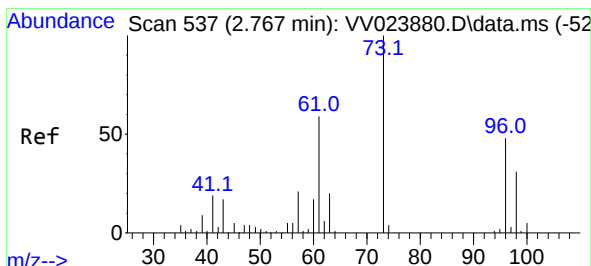
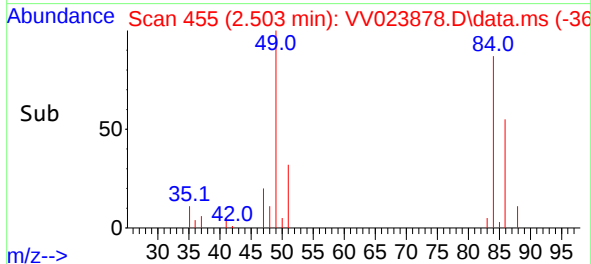
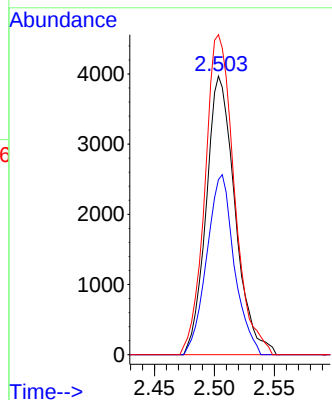
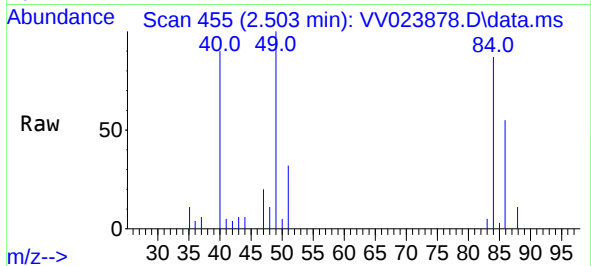




#16
Methylene chloride
Concen: 0.650 ug/L
RT: 2.503 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

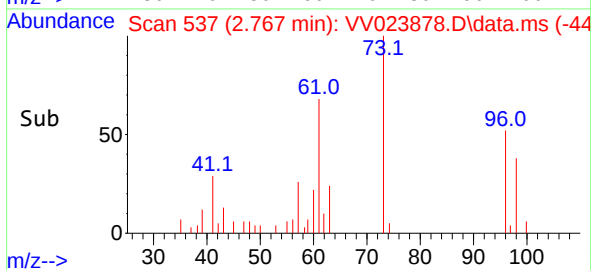
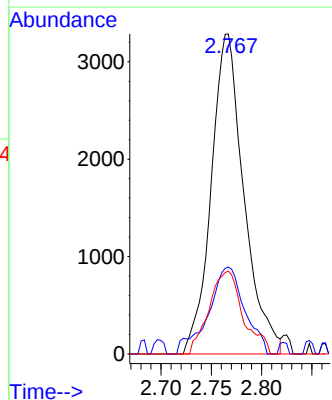
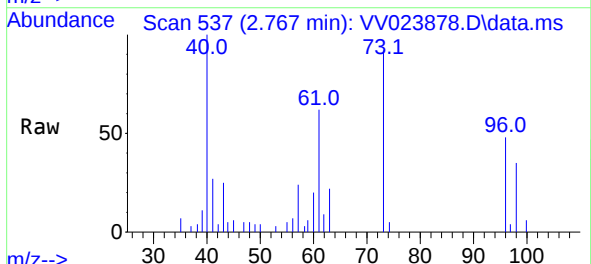
Instrument :
MSVOA_V
ClientSampleId :

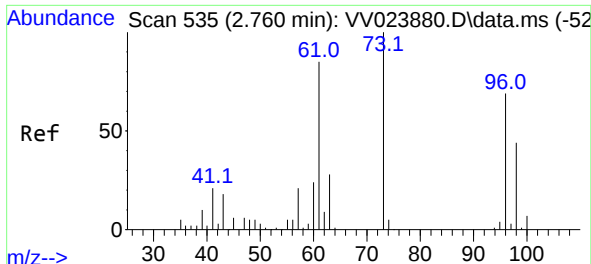
Tgt Ion: 84 Resp: 6649
Ion Ratio Lower Upper
84 100
86 62.9 42.6 79.0
49 114.9 79.7 147.9



#17
Methyl tert-butyl Ether
Concen: 0.496 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

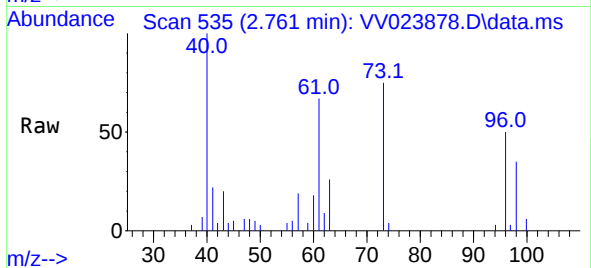
Tgt Ion: 73 Resp: 7422
Ion Ratio Lower Upper
73 100
43 30.1 15.5 23.3#
57 26.9 17.1 25.7#



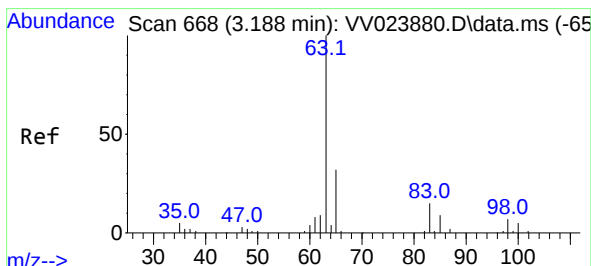
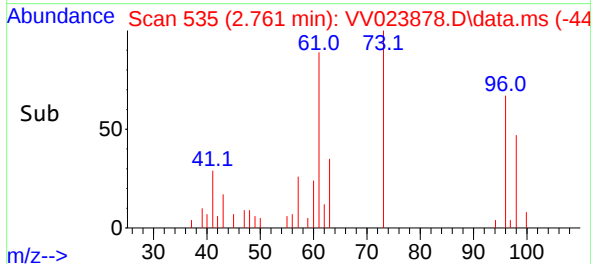
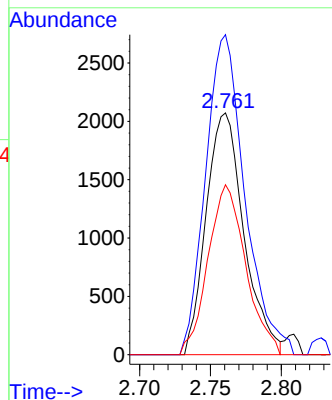


#18
trans-1,2-Dichloroethene
Concen: 0.474 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :

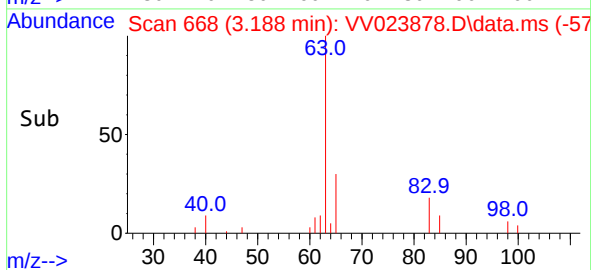
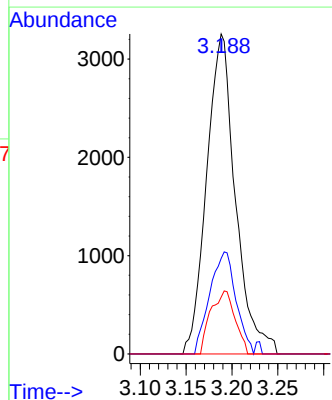
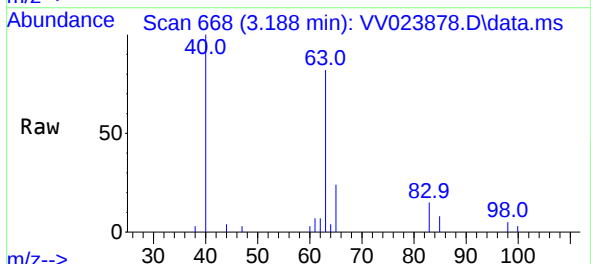


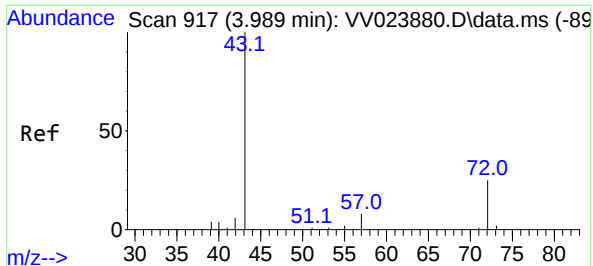
Tgt Ion: 96 Resp: 3852
Ion Ratio Lower Upper
96 100
61 132.3 88.2 163.8
98 70.3 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.514 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion: 63 Resp: 7098
Ion Ratio Lower Upper
63 100
65 29.8 22.3 41.3
83 17.7 10.7 19.9





#21

2-Butanone

Concen: 1.266 ug/L

RT: 4.027 min Scan# 917

Delta R.T. 0.039 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

Instrument :

MSVOA_V

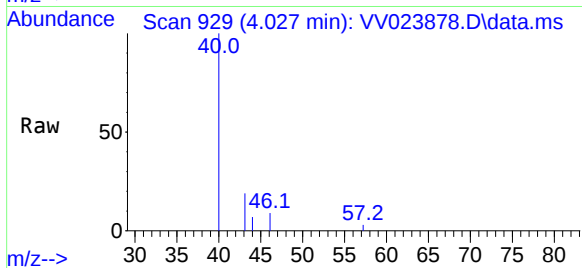
ClientSampleId :

Tgt Ion: 43 Resp: 1448

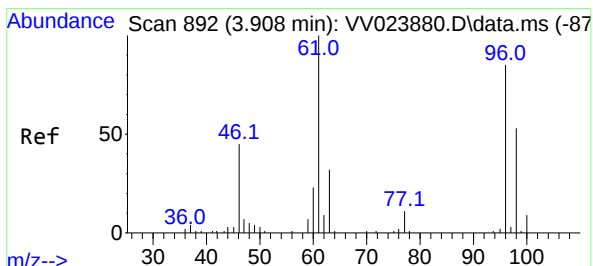
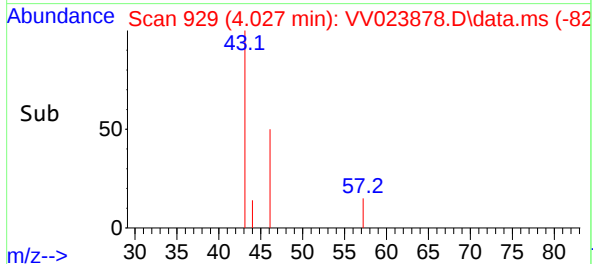
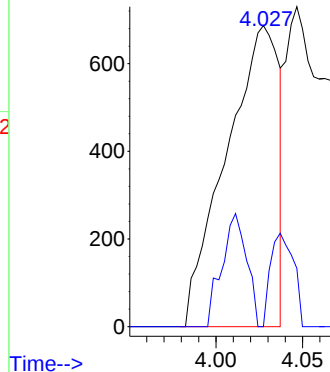
Ion Ratio Lower Upper

43 100

72 17.7 11.1 33.1



Abundance



#22

cis-1,2-Dichloroethene

Concen: 0.500 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.013 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

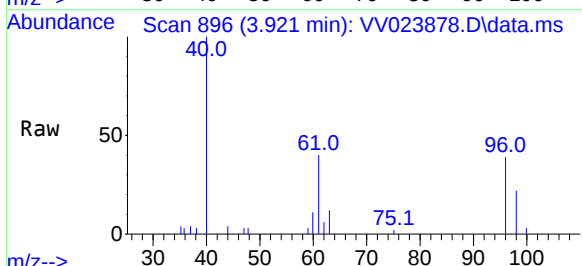
Tgt Ion: 96 Resp: 3978

Ion Ratio Lower Upper

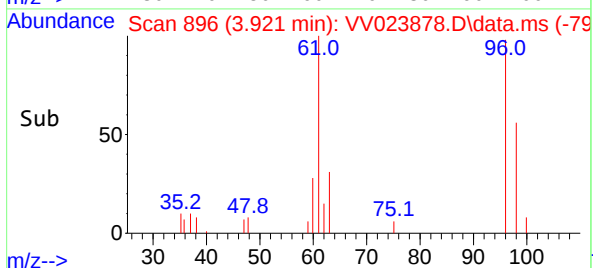
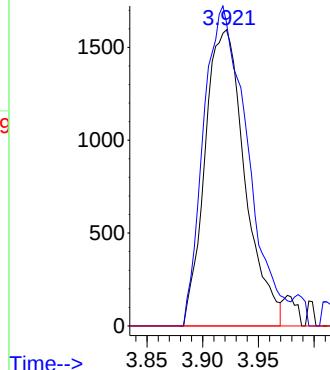
96 100

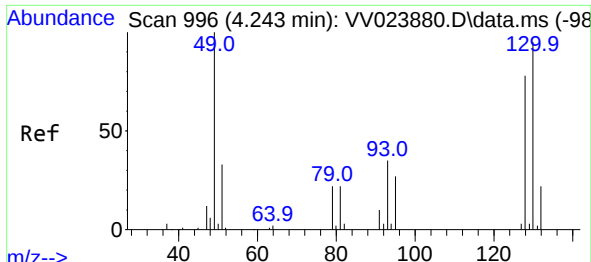
61 102.4 83.4 154.8

68 0.0 0.0 0.0



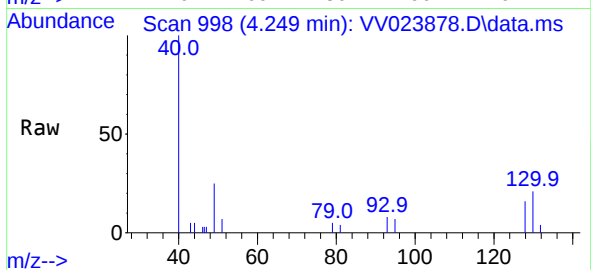
Abundance



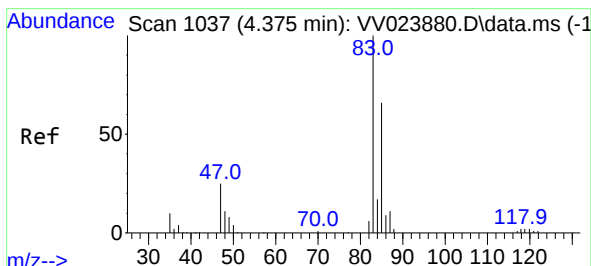
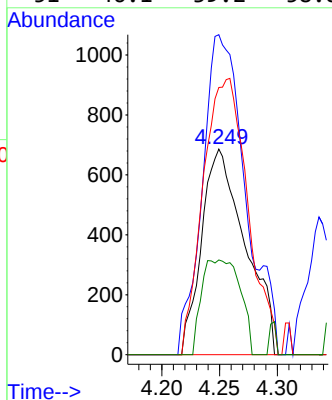
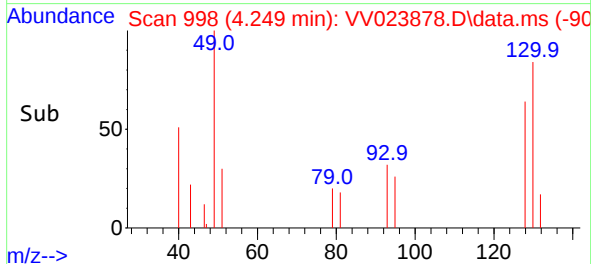


#23
Bromochloromethane
Concen: 0.486 ug/L
RT: 4.249 min Scan# 996
Delta R.T. 0.007 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :

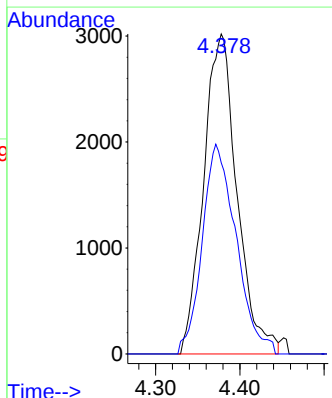
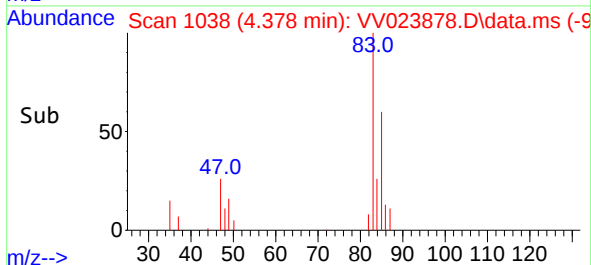
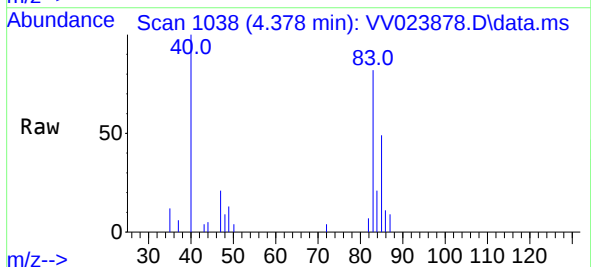


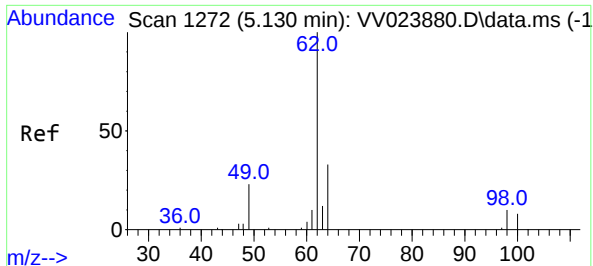
Tgt Ion:128 Resp: 1806
Ion Ratio Lower Upper
128 100
49 155.7 100.2 186.2
130 130.0 92.5 171.7
51 46.1 39.2 58.8



#25
Chloroform
Concen: 0.541 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion: 83 Resp: 8327
Ion Ratio Lower Upper
83 100
85 59.8 45.2 84.0

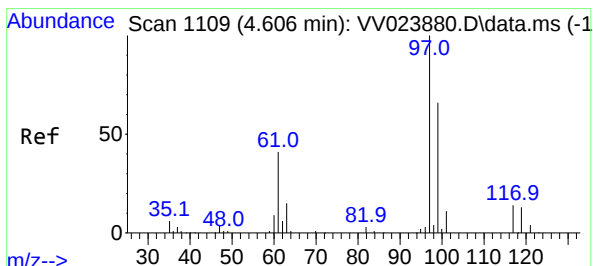
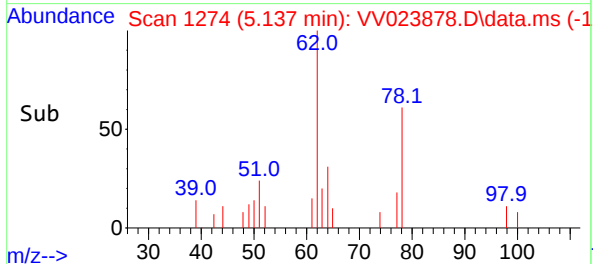
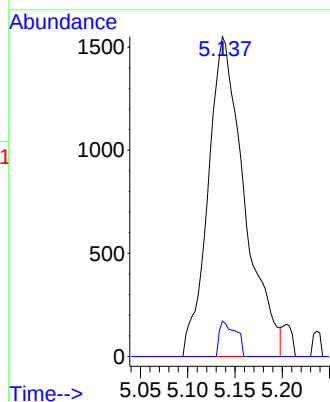
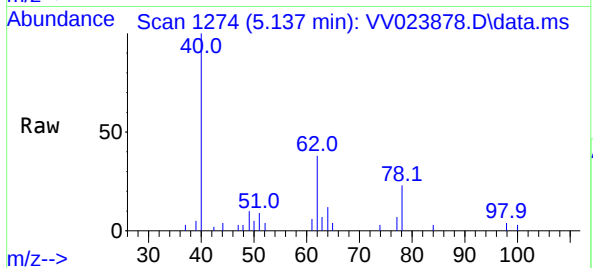




#27
1,2-Dichloroethane
Concen: 0.508 ug/L
RT: 5.137 min Scan# 1107
Delta R.T. 0.007 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

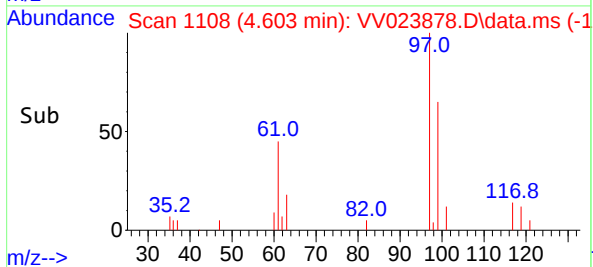
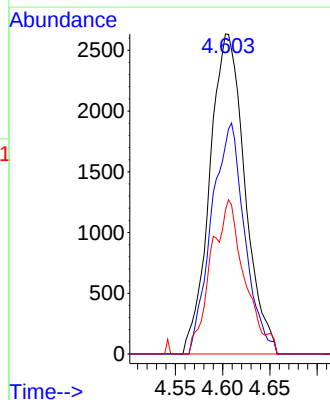
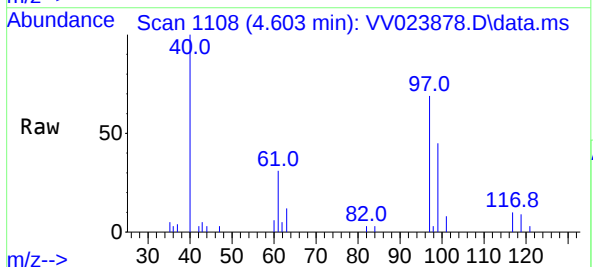
Instrument :
MSVOA_V
ClientSampleId :

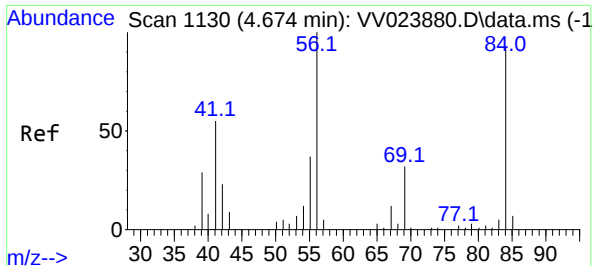
Tgt Ion: 62 Resp: 4136
Ion Ratio Lower Upper
62 100
98 11.1 8.1 12.1



#29
1,1,1-Trichloroethane
Concen: 0.481 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion: 97 Resp: 6801
Ion Ratio Lower Upper
97 100
99 68.3 51.9 77.9
61 46.3 33.2 49.8

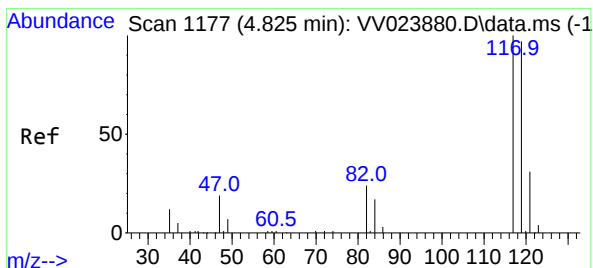
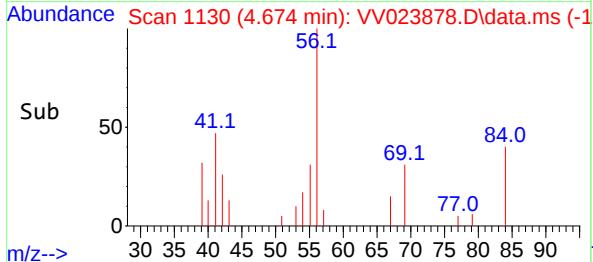
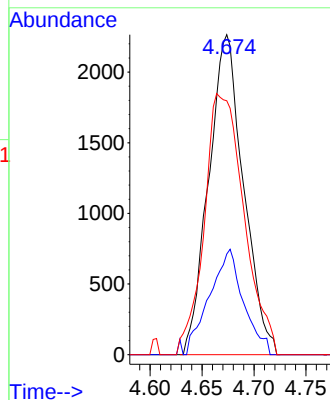
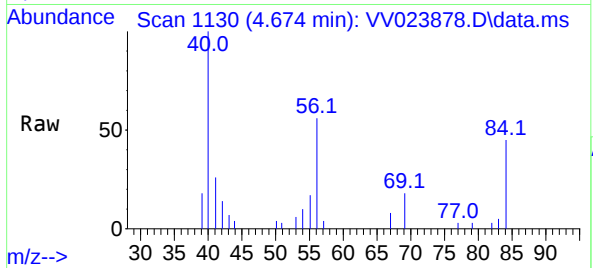




#30
Cyclohexane
Concen: 0.455 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

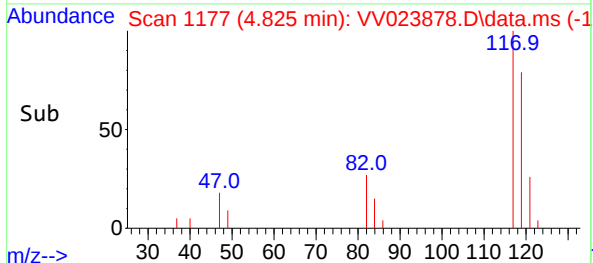
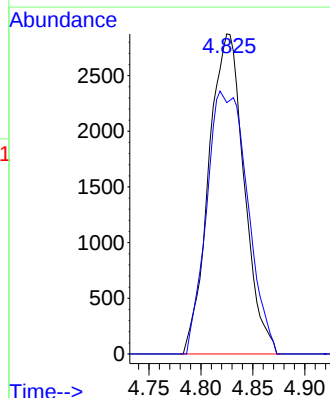
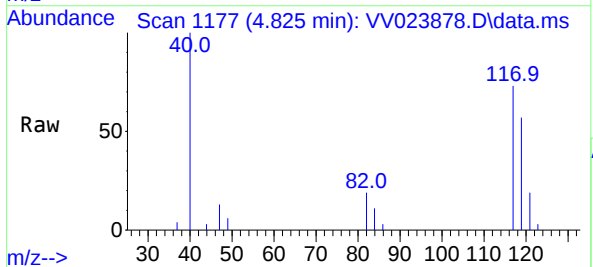
Instrument :
MSVOA_V
ClientSampleId :

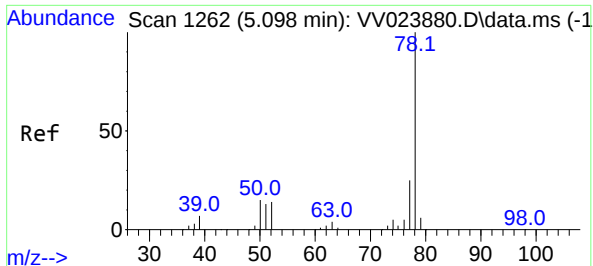
Tgt Ion: 56 Resp: 5290
Ion Ratio Lower Upper
56 100
69 32.2 24.8 37.2
84 92.7 75.9 113.9



#31
Carbon tetrachloride
Concen: 0.525 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion: 117 Resp: 6781
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8

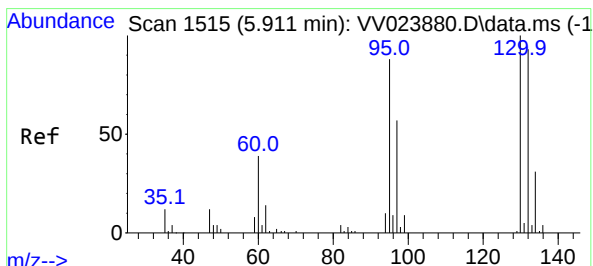
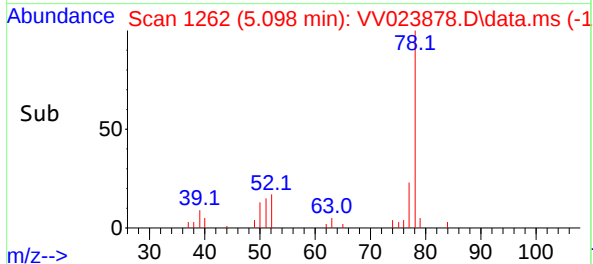
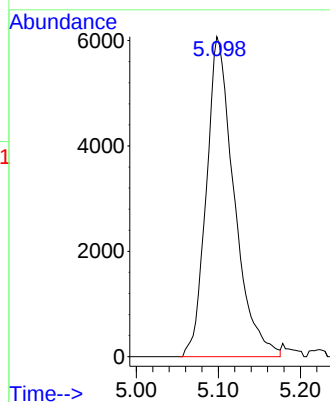
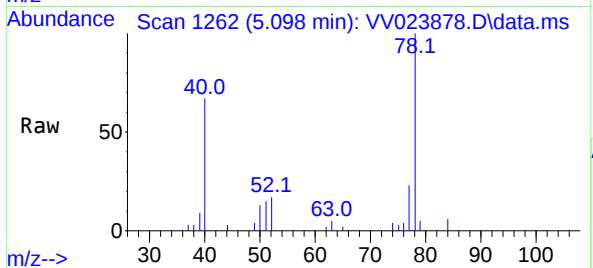




#33
Benzene
Concen: 0.465 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :

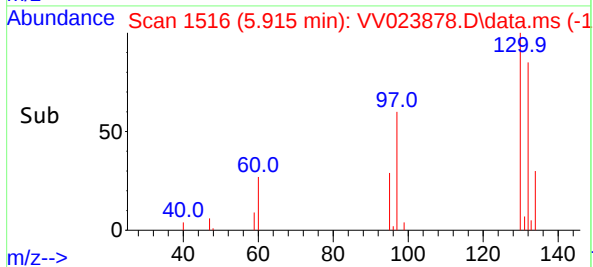
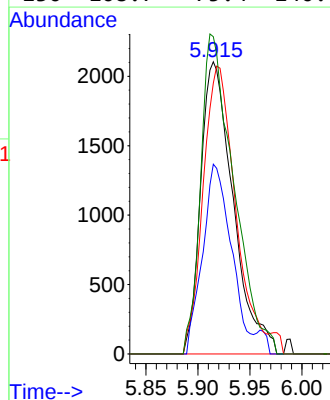
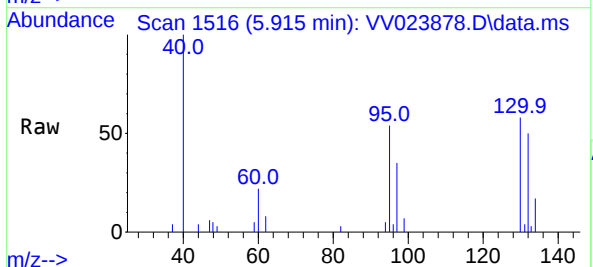
Tgt Ion: 78 Resp: 14290

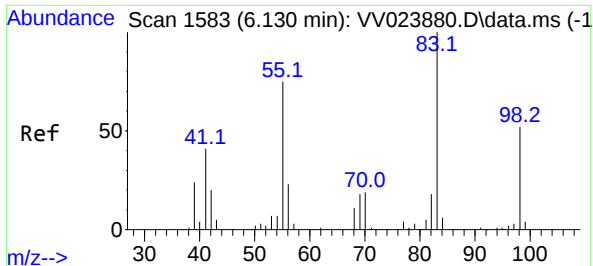


#34
Trichloroethene
Concen: 0.549 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion: 95 Resp: 4565

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.2	84.0
132	92.7	76.1	141.3
130	108.7	75.4	140.0





#35

Methylcyclohexane

Concen: 0.450 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.006 min

Lab File: VV023878.D

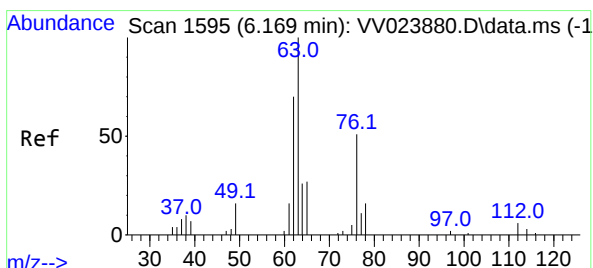
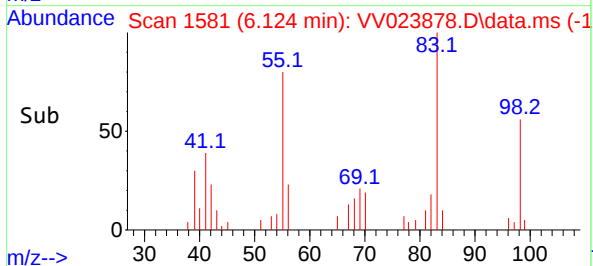
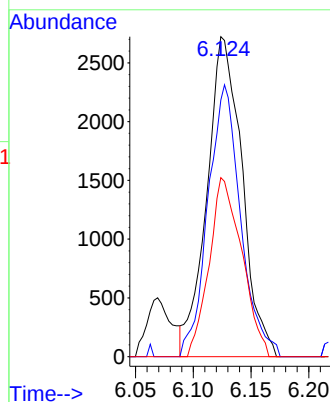
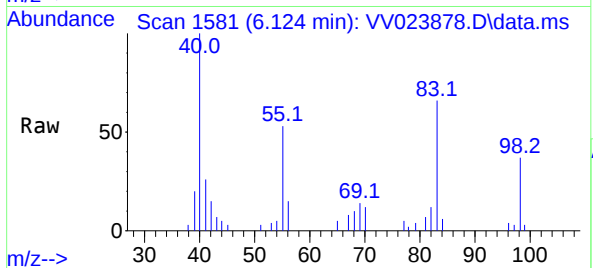
Acq: 10 Dec 2021 11:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	5748
Ion	Ratio	Lower	Upper
83	100		
55	79.4	60.2	90.2
98	52.1	41.0	61.4



#37

1,2-Dichloropropane

Concen: 0.500 ug/L

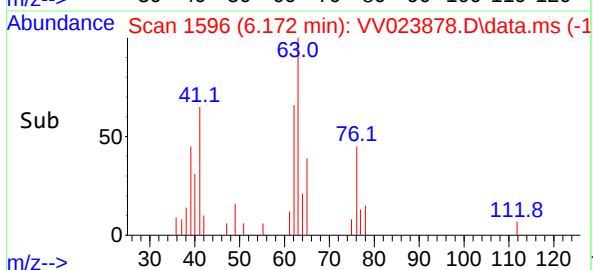
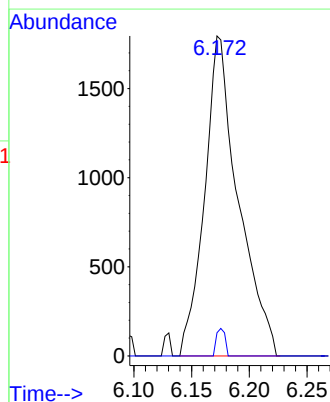
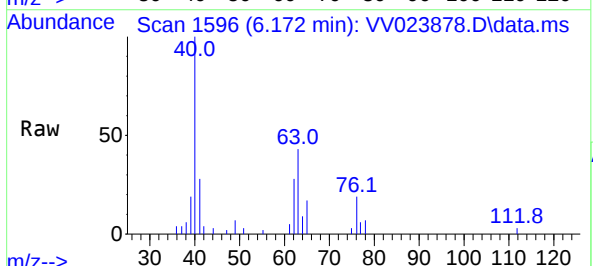
RT: 6.172 min Scan# 1596

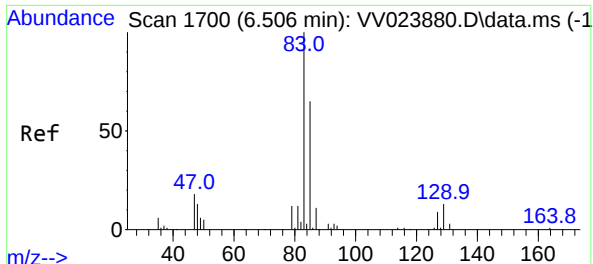
Delta R.T. 0.003 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

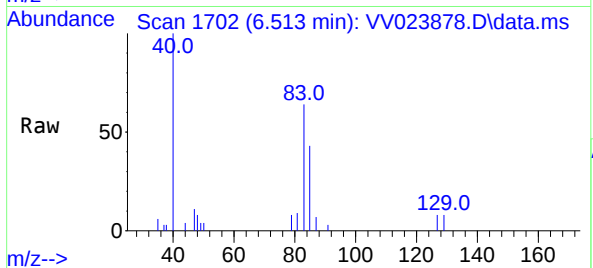
Tgt Ion:	63	Resp:	3646
Ion	Ratio	Lower	Upper
63	100		
112	2.2	4.3	6.5#



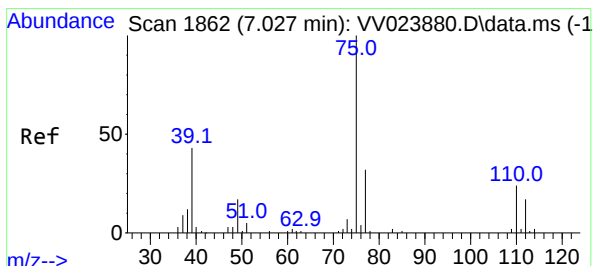
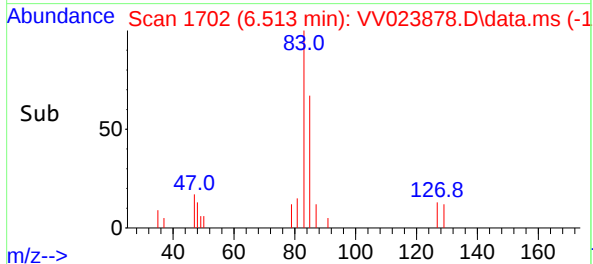
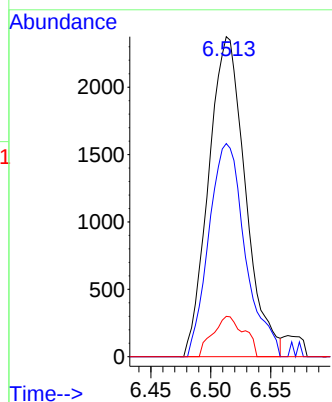


#38
Bromodichloromethane
Concen: 0.506 ug/L
RT: 6.513 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :

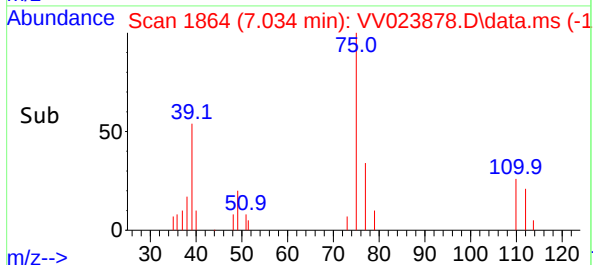
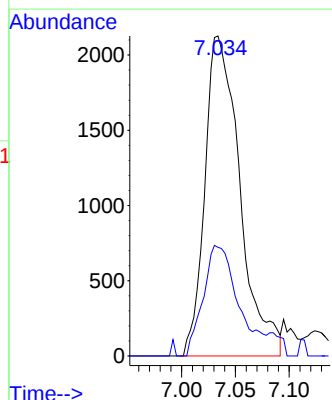
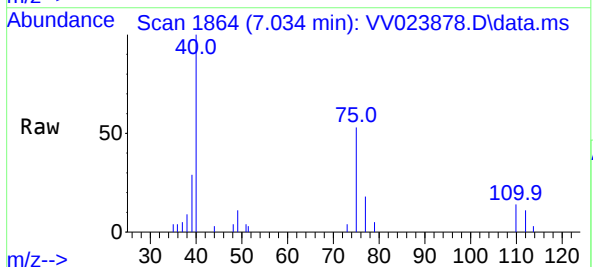


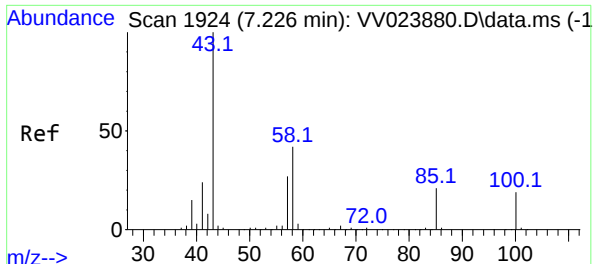
Tgt Ion: 83 Resp: 5050
Ion Ratio Lower Upper
83 100
85 66.6 44.0 81.8
127 12.6 8.6 12.8



#39
cis-1,3-Dichloropropene
Concen: 0.459 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.007 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion: 75 Resp: 4817
Ion Ratio Lower Upper
75 100
77 33.9 22.0 41.0

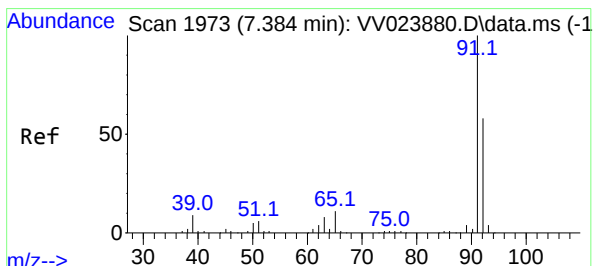
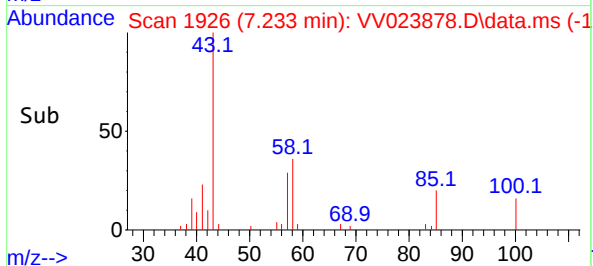
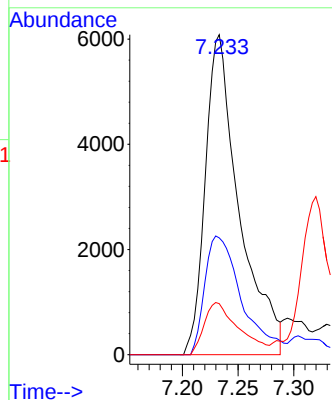
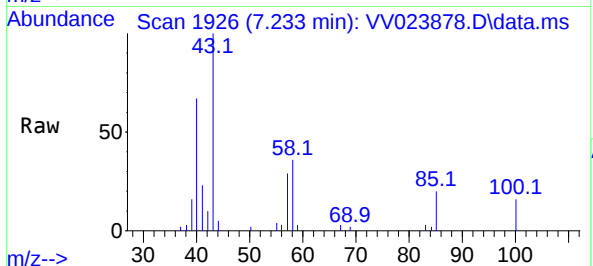




#40
4-Methyl-2-pentanone
Concen: 3.666 ug/L
RT: 7.233 min Scan# 1924
Delta R.T. 0.007 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

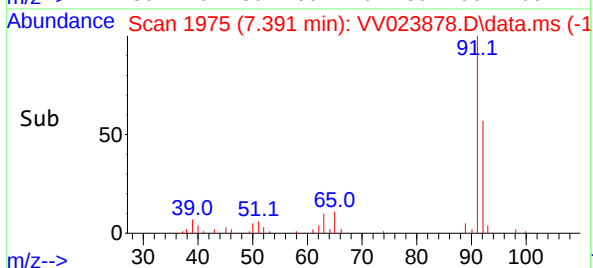
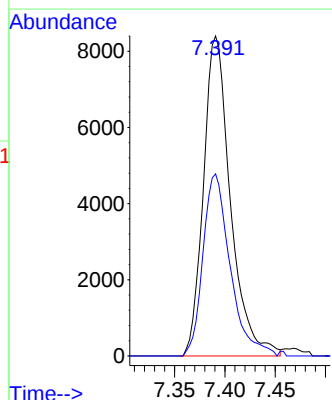
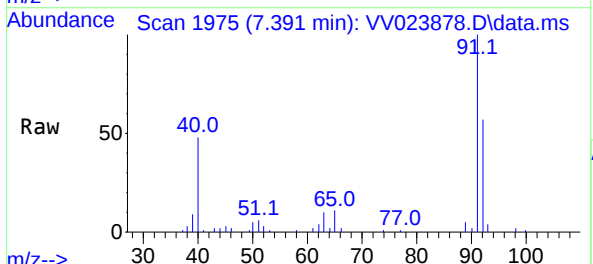
Instrument :
MSVOA_V
ClientSampleId :

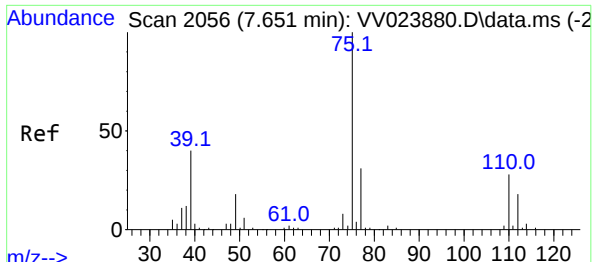
Tgt Ion:	43	Resp:	12879
Ion	Ratio	Lower	Upper
43	100		
58	40.8	32.3	48.5
100	16.8	13.0	19.6



#42
Toluene
Concen: 0.472 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.007 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion:	91	Resp:	15701
Ion	Ratio	Lower	Upper
91	100		
92	56.9	41.5	77.1

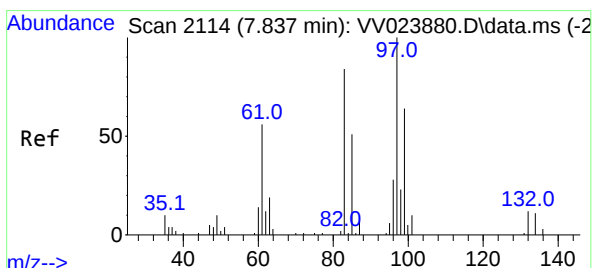
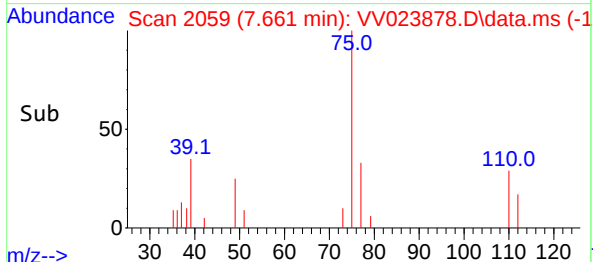
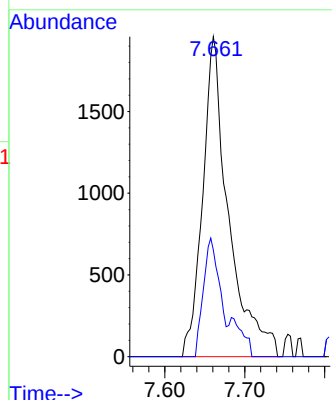
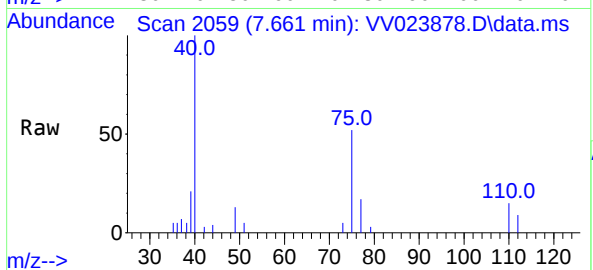




#44
trans-1,3-Dichloropropene
Concen: 0.499 ug/L
RT: 7.661 min Scan# 2056
Delta R.T. 0.010 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

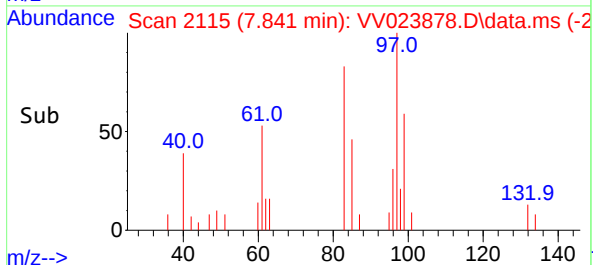
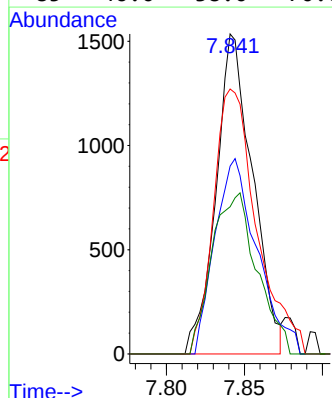
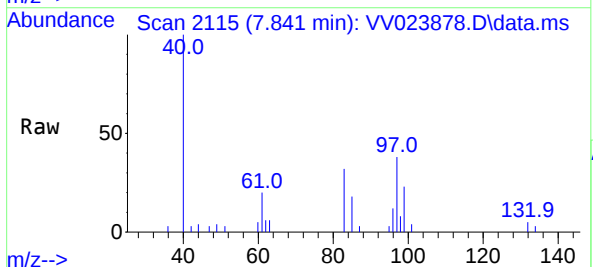
Instrument :
MSVOA_V
ClientSampleId :

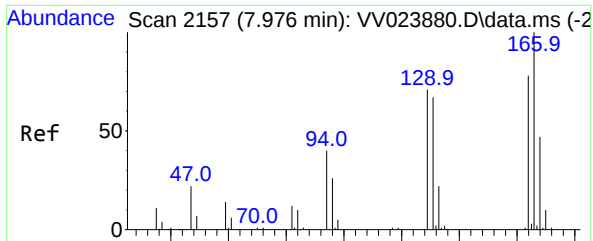
Tgt Ion: 75 Resp: 4405
Ion Ratio Lower Upper
75 100
77 33.4 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 0.490 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

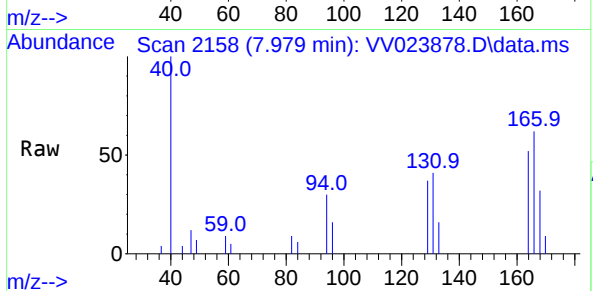
Tgt Ion: 97 Resp: 2510
Ion Ratio Lower Upper
97 100
99 58.7 43.1 80.1
83 82.8 57.9 107.5
85 46.0 38.0 70.6



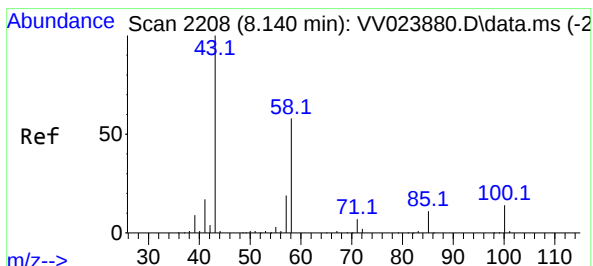
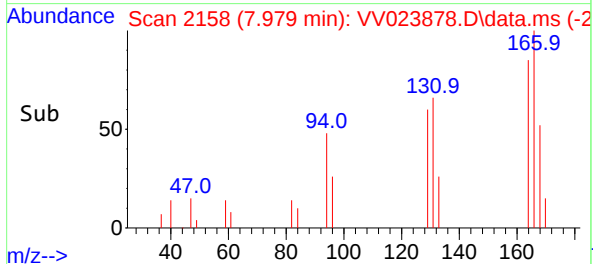
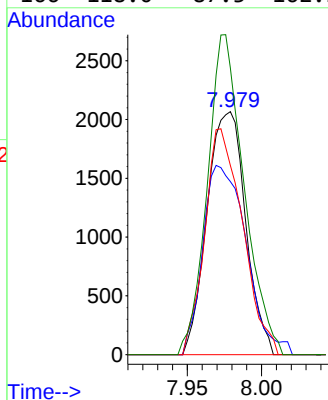


#47
Tetrachloroethene
Concen: 0.495 ug/L
RT: 7.979 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :

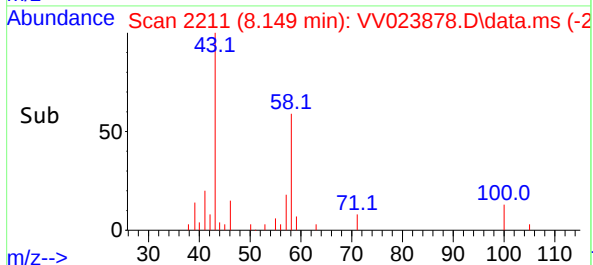
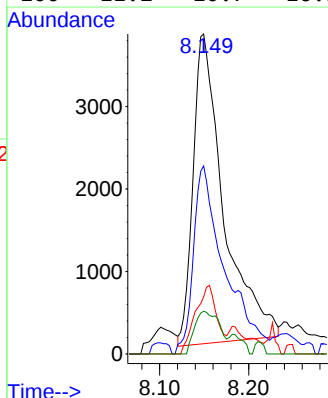
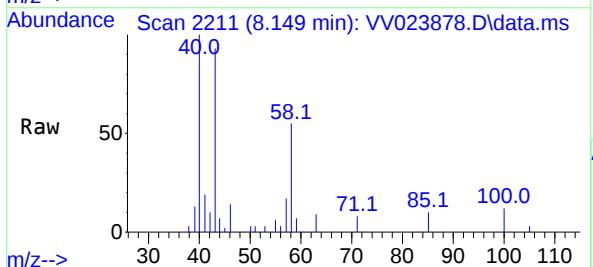


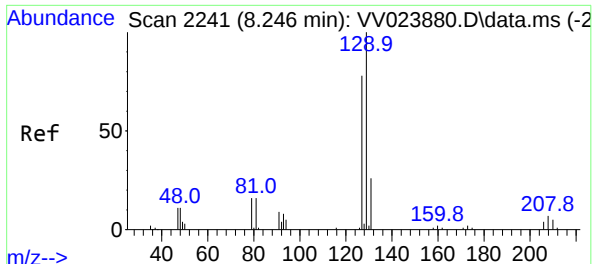
Tgt Ion:164 Resp: 3729
Ion Ratio Lower Upper
164 100
129 71.3 62.6 116.2
131 77.9 61.0 113.4
166 118.0 87.3 162.1



#48
2-Hexanone
Concen: 3.456 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion: 43 Resp: 8961
Ion Ratio Lower Upper
43 100
58 62.4 44.5 66.7
57 15.8 15.1 22.7
100 11.2 10.7 16.1





#49

Dibromochloromethane

Concen: 0.485 ug/L

RT: 8.243 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

Instrument :

MSVOA_V

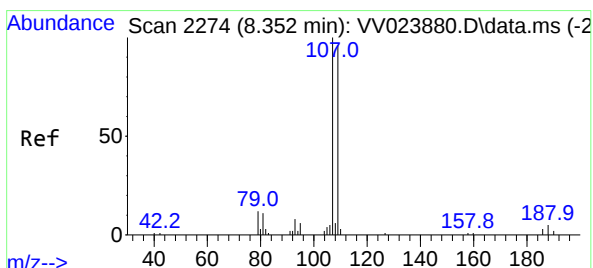
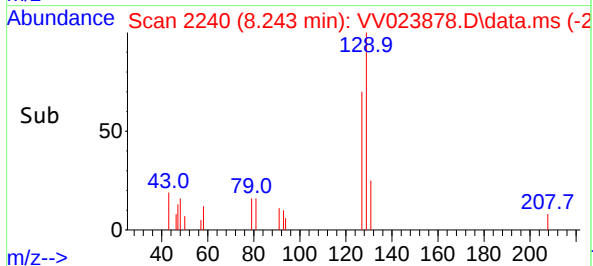
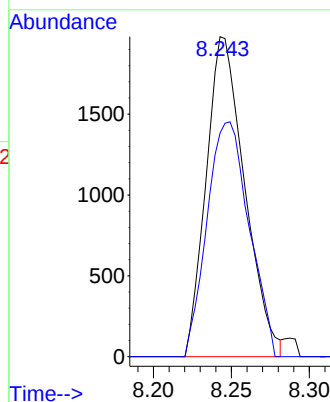
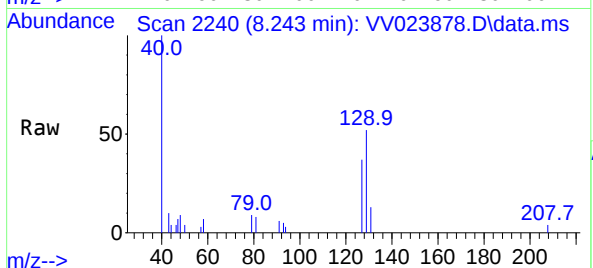
ClientSampleId :

Tgt Ion:129 Resp: 3400

Ion Ratio Lower Upper

129 100

127 69.8 53.5 99.3



#50

1,2-Dibromoethane

Concen: 0.461 ug/L

RT: 8.362 min Scan# 2277

Delta R.T. 0.010 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

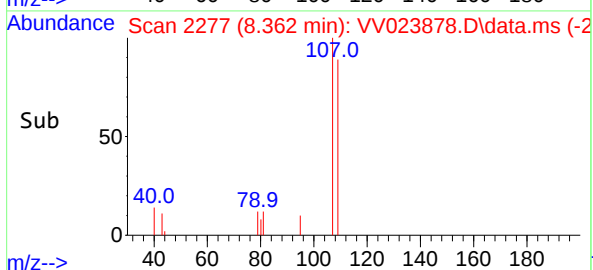
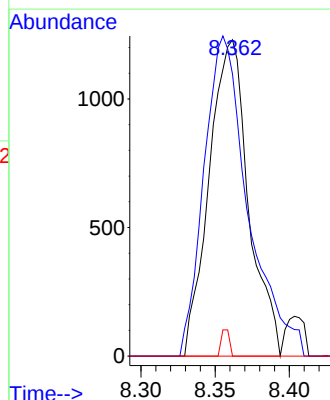
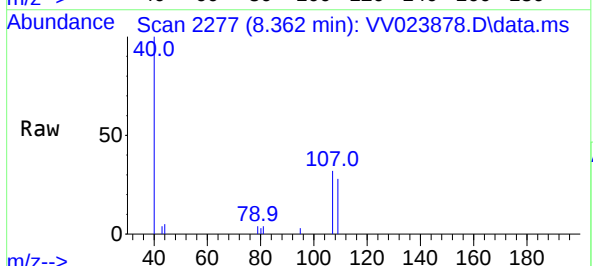
Tgt Ion:107 Resp: 2272

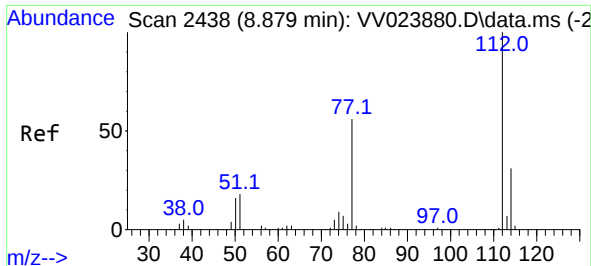
Ion Ratio Lower Upper

107 100

109 89.1 62.5 116.1

188 0.0 3.4 5.2#





#51

Chlorobenzene

Concen: 0.495 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

Instrument :

MSVOA_V

ClientSampleId :

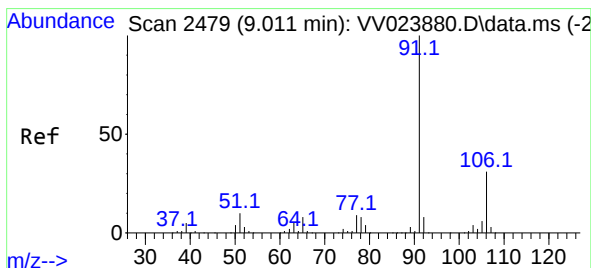
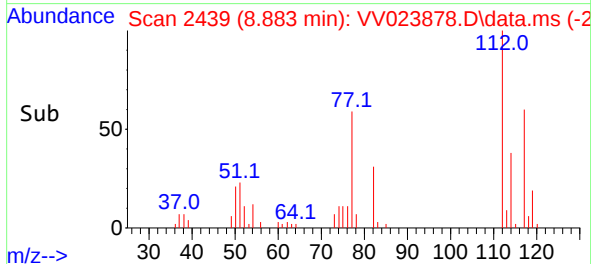
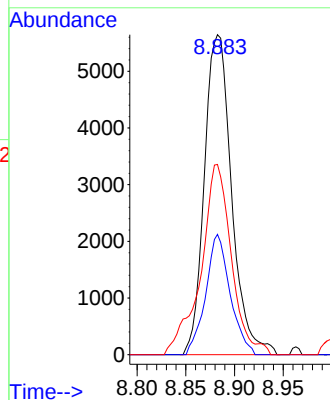
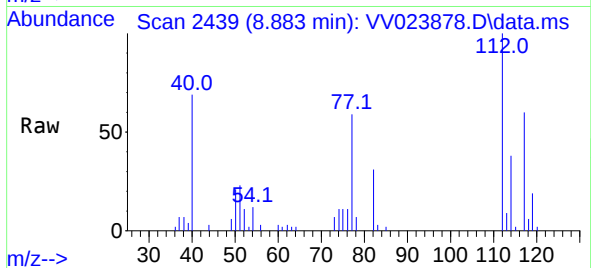
Tgt Ion:112 Resp: 11007

Ion Ratio Lower Upper

112 100

114 37.6 23.3 43.3

77 59.5 43.3 64.9



#52

Ethylbenzene

Concen: 0.456 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV023878.D

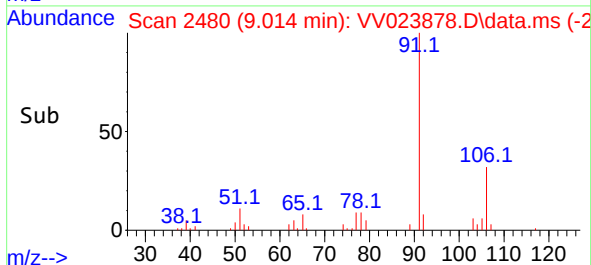
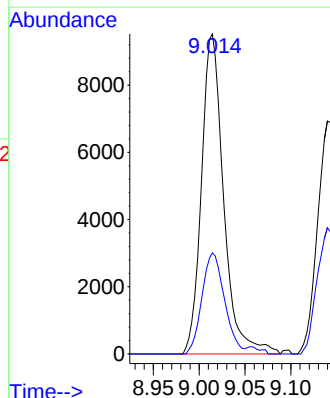
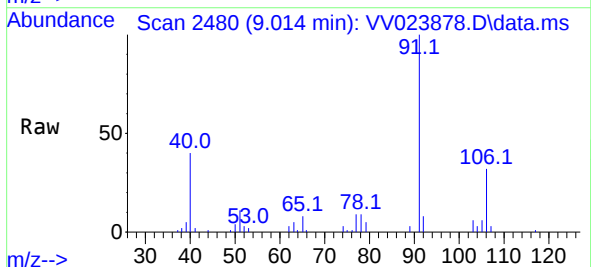
Acq: 10 Dec 2021 11:20

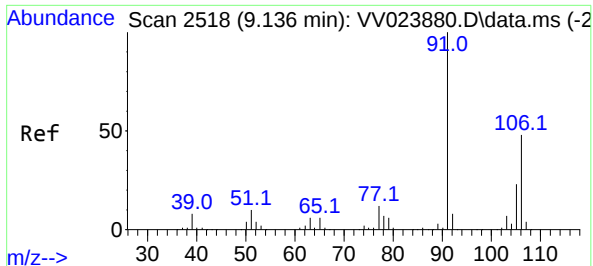
Tgt Ion: 91 Resp: 16005

Ion Ratio Lower Upper

91 100

106 31.6 22.0 41.0

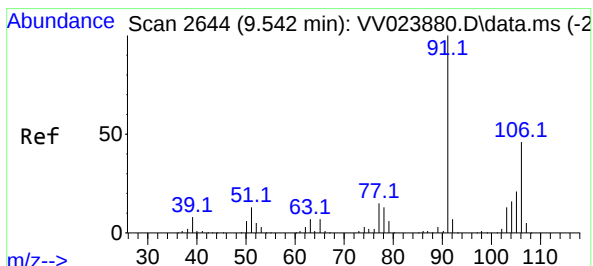
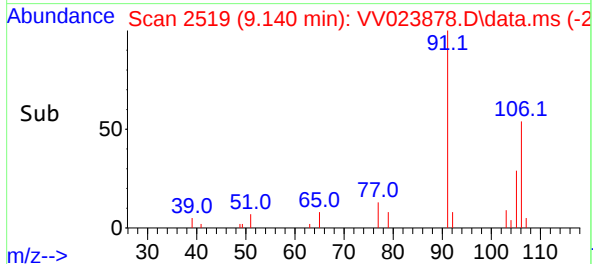
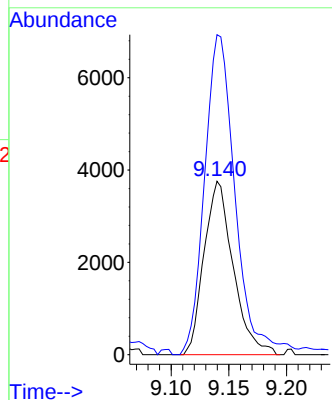
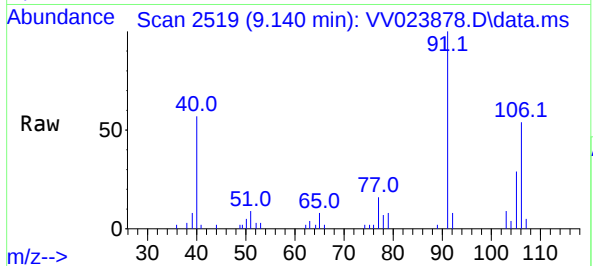




#53
m,p-xylene
Concen: 0.476 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

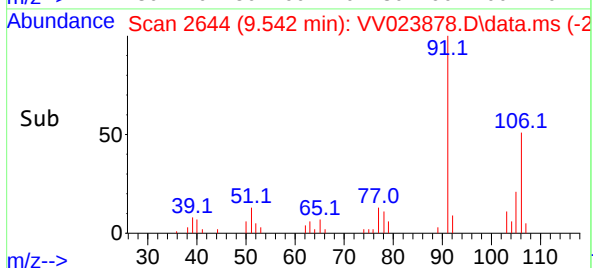
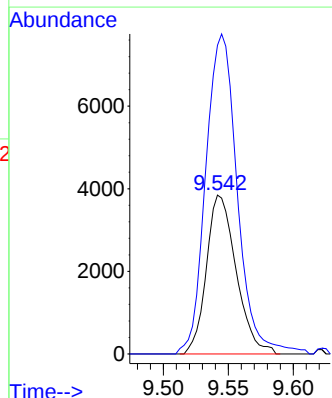
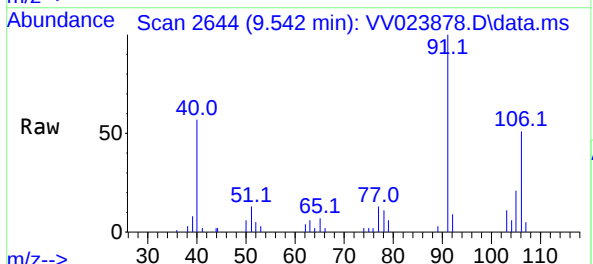
Instrument :
MSVOA_V
ClientSampleId :

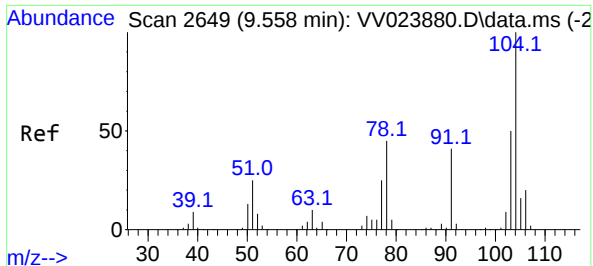
Tgt Ion:106 Resp: 6592
Ion Ratio Lower Upper
106 100
91 184.5 139.5 259.1



#54
o-xylene
Concen: 0.460 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion:106 Resp: 6123
Ion Ratio Lower Upper
106 100
91 194.2 147.9 274.7

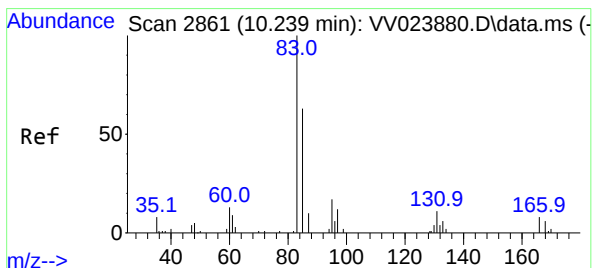
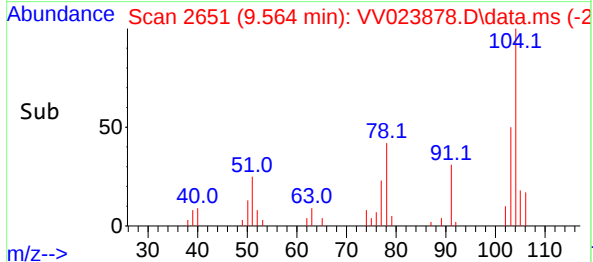
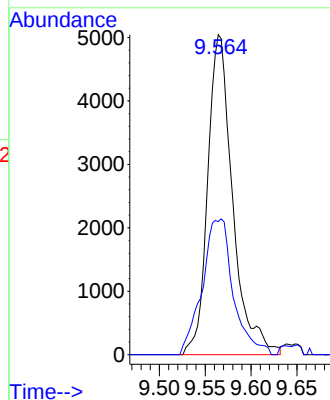
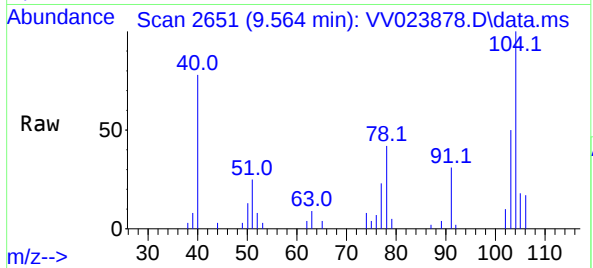




#55
Styrene
Concen: 0.430 ug/L
RT: 9.564 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

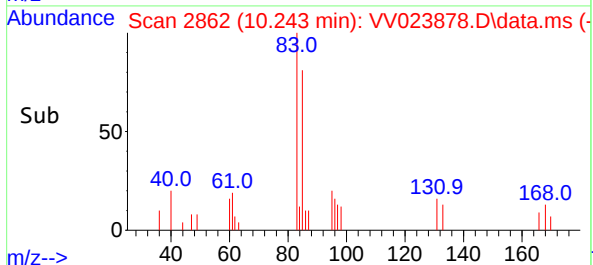
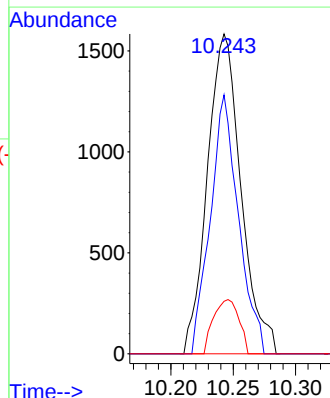
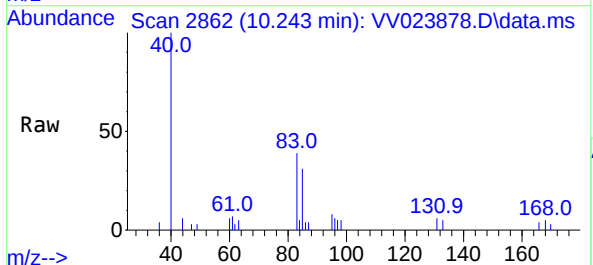
Instrument :
MSVOA_V
ClientSampleId :

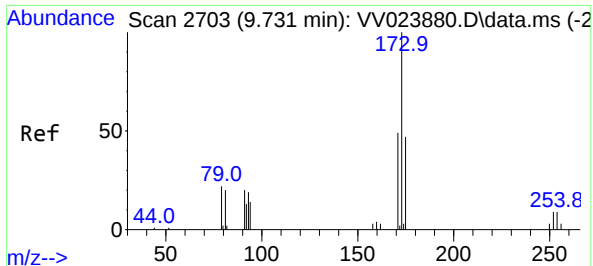
Tgt Ion:104 Resp: 9563
Ion Ratio Lower Upper
104 100
78 41.6 31.0 57.6



#57
1,1,2,2-Tetrachloroethane
Concen: 0.527 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion: 83 Resp: 2974
Ion Ratio Lower Upper
83 100
85 80.9 44.6 82.8
131 16.4 8.3 12.5#





#59

Bromoform

Concen: 0.477 ug/L

RT: 9.735 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023878.D

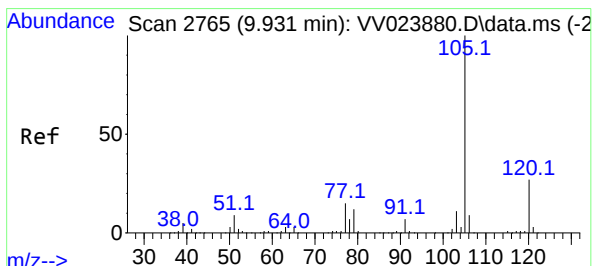
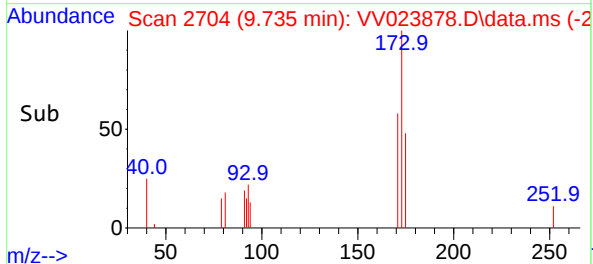
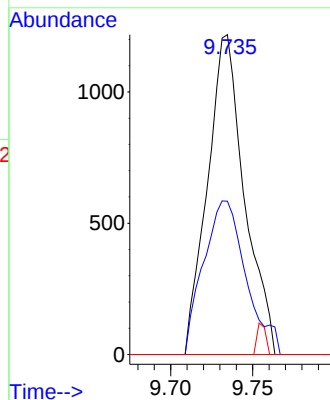
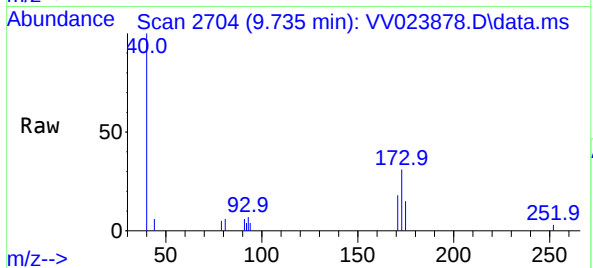
Acq: 10 Dec 2021 11:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	1903
Ion Ratio	Lower	Upper
173	100	
175	55.4	39.4 59.2
254	2.3	7.4 11.0#



#60

Isopropylbenzene

Concen: 0.470 ug/L

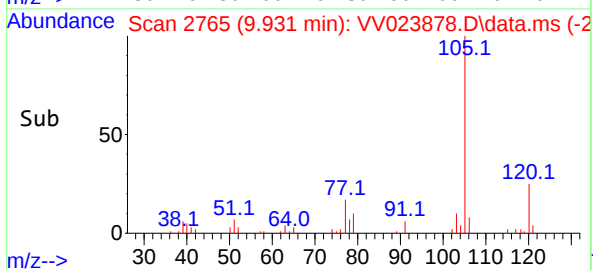
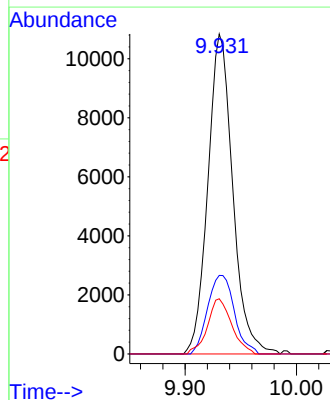
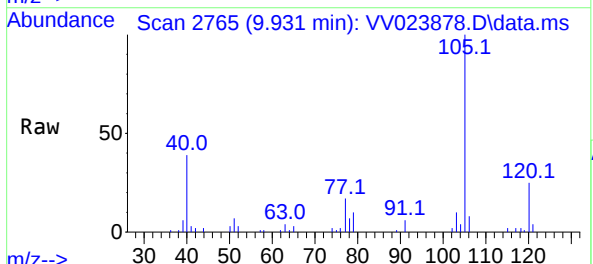
RT: 9.931 min Scan# 2765

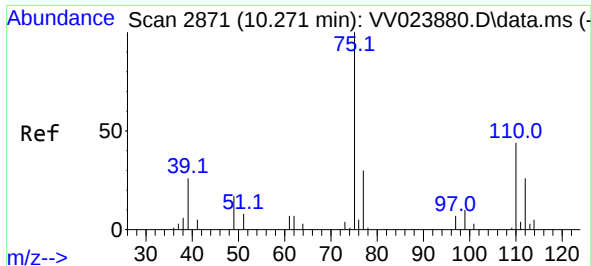
Delta R.T. 0.000 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

Tgt Ion:105	Resp:	16815
Ion Ratio	Lower	Upper
105	100	
120	26.4	21.4 32.0
77	16.8	12.2 18.4





#61

1,2,3-Trichloropropane

Concen: 0.487 ug/L

RT: 10.275 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023878.D

Acq: 10 Dec 2021 11:20

Instrument :

MSVOA_V

ClientSampleId :

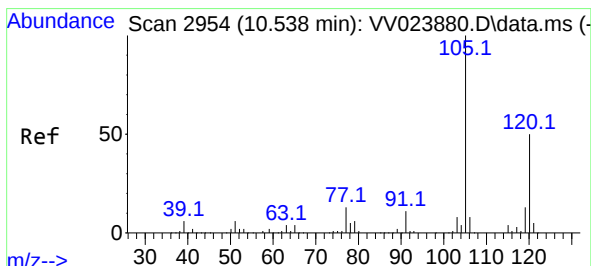
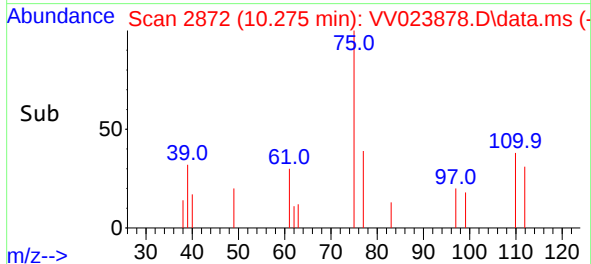
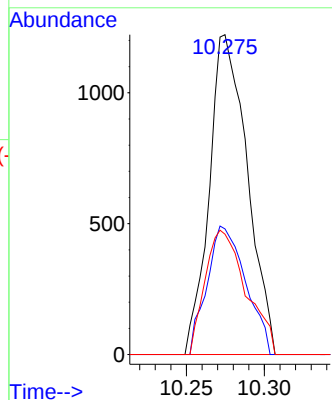
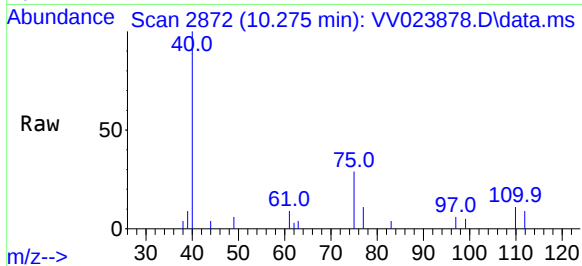
Tgt Ion: 75 Resp: 2073

Ion Ratio Lower Upper

75 100

77 40.9 26.4 39.6#

110 41.9 34.2 51.2



#62

1,3,5-Trimethylbenzene

Concen: 0.428 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023878.D

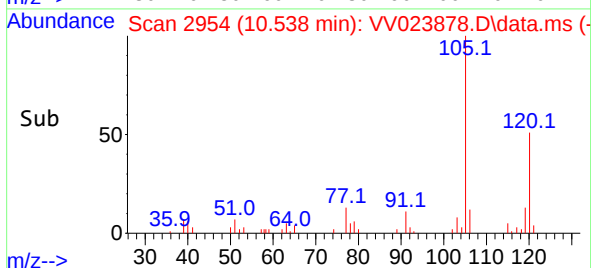
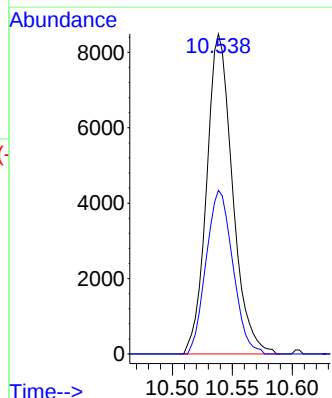
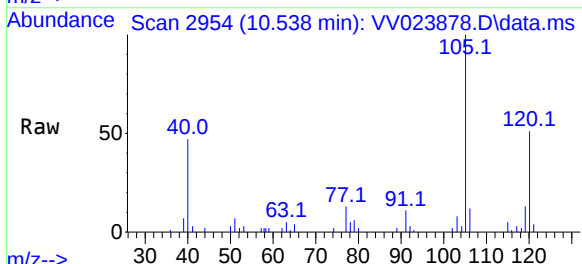
Acq: 10 Dec 2021 11:20

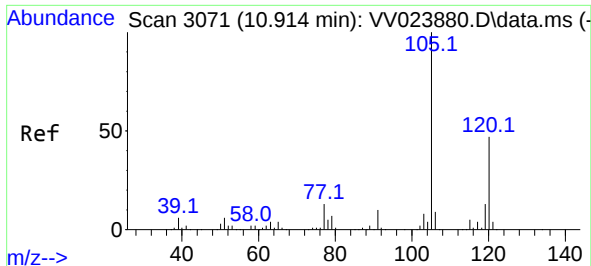
Tgt Ion: 105 Resp: 12762

Ion Ratio Lower Upper

105 100

120 52.6 40.1 60.1

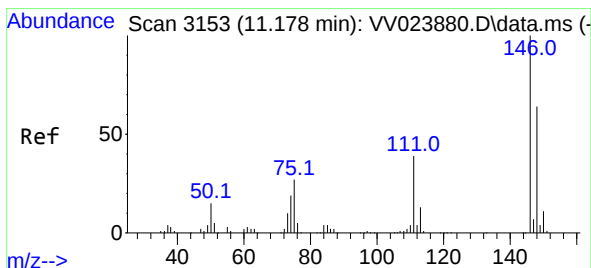
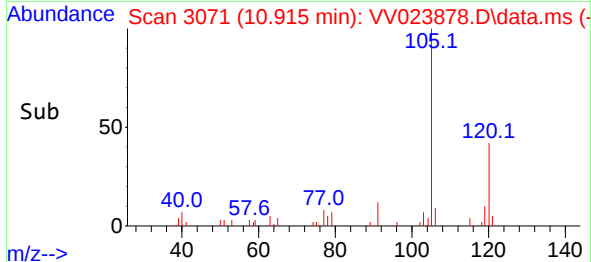
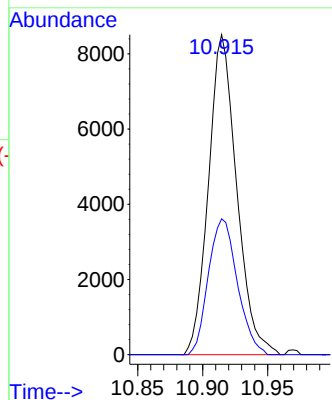
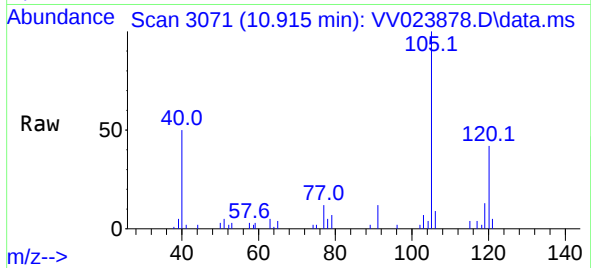




#63
1,2,4-Trimethylbenzene
Concen: 0.438 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

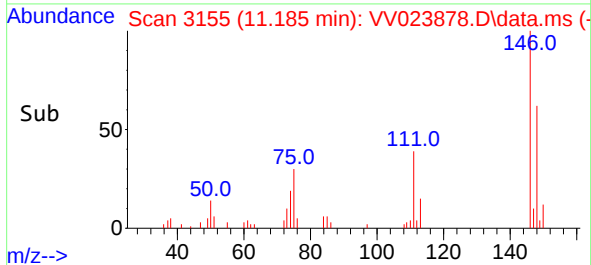
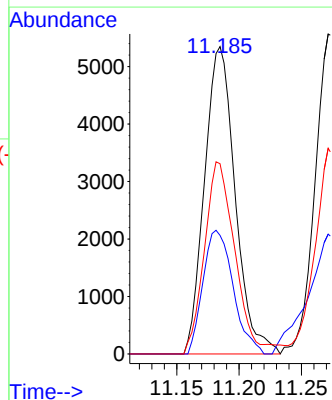
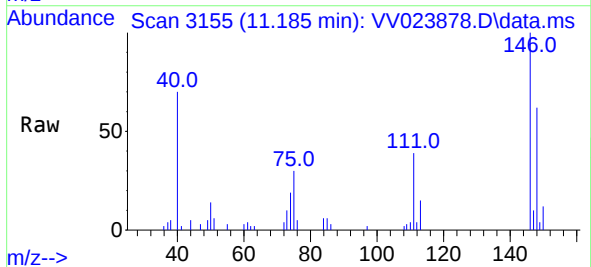
Instrument :
MSVOA_V
ClientSampleId :

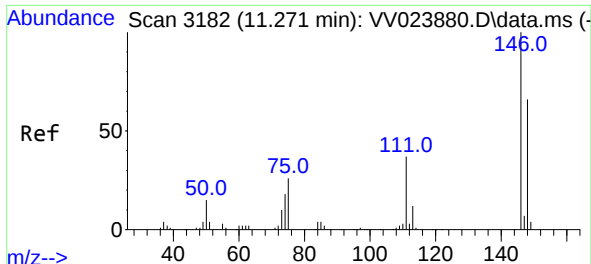
Tgt Ion:105 Resp: 12849
Ion Ratio Lower Upper
105 100
120 43.6 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 0.497 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.007 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion:146 Resp: 9139
Ion Ratio Lower Upper
146 100
111 38.6 26.3 48.9
148 61.9 44.4 82.5



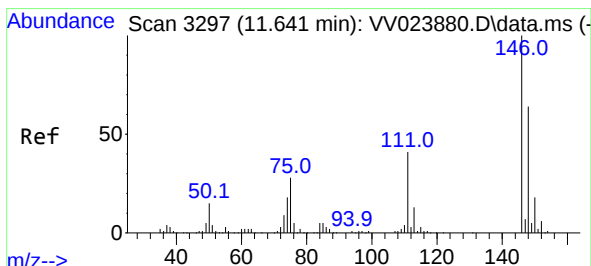
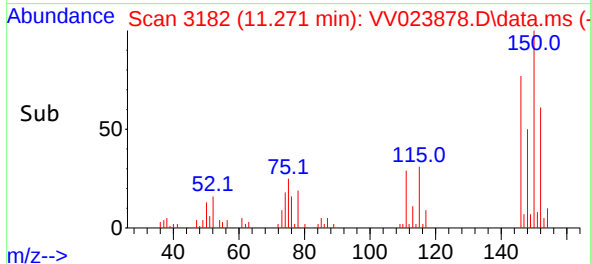
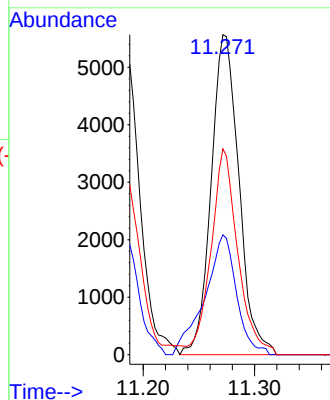
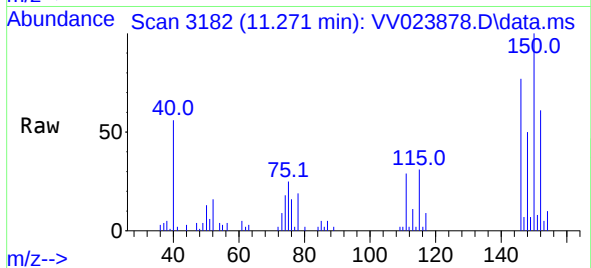


#65
1,4-Dichlorobenzene
Concen: 0.523 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 9639

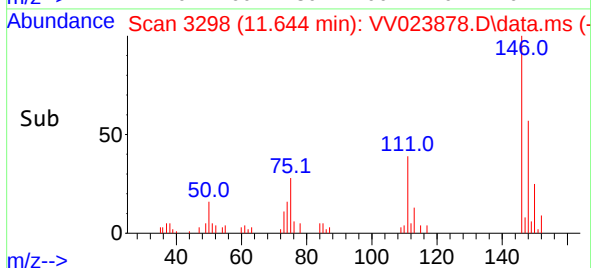
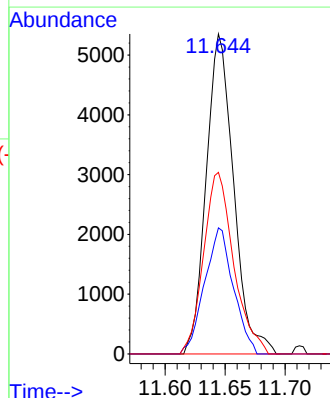
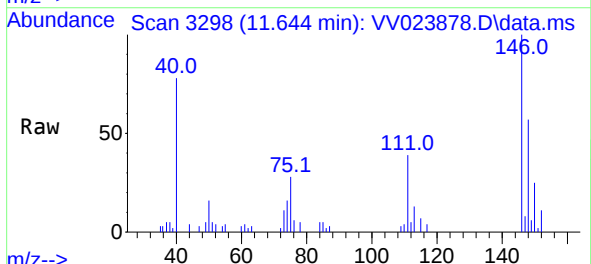
Ion	Ratio	Lower	Upper
146	100		
111	37.5	25.6	47.6
148	64.3	44.8	83.2

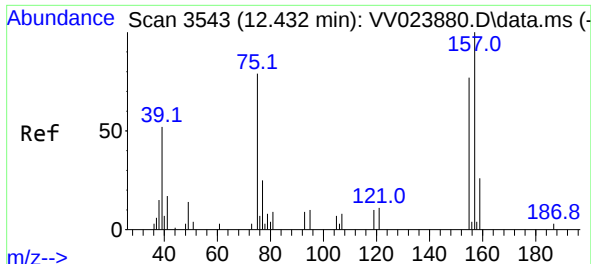


#67
1,2-Dichlorobenzene
Concen: 0.507 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

Tgt Ion:146 Resp: 8515

Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.9	47.9
148	56.7	50.5	75.7

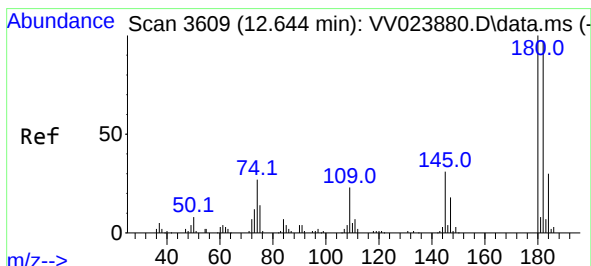
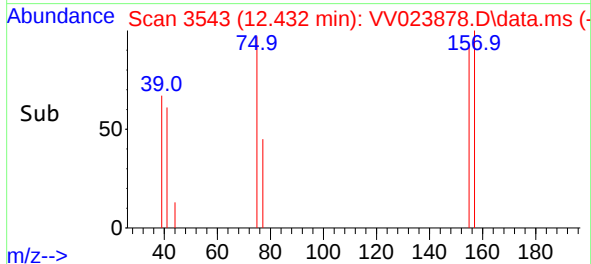
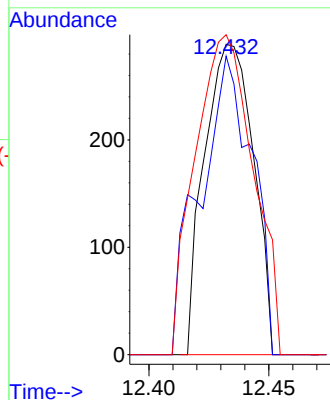
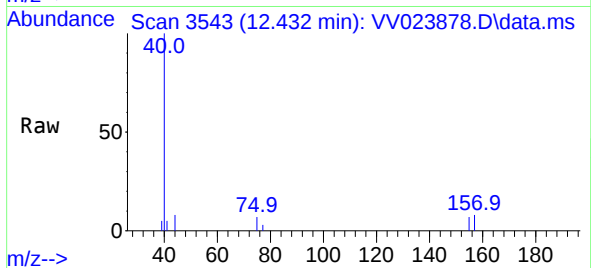




#68
1,2-Dibromo-3-chloropropane
Concen: 0.478 ug/L
RT: 12.432 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

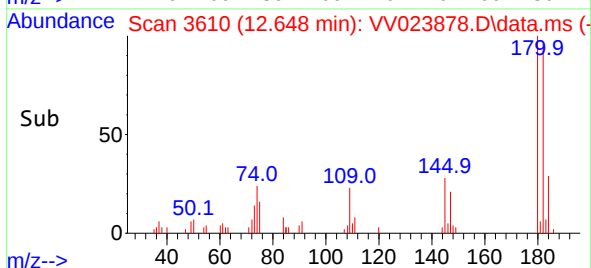
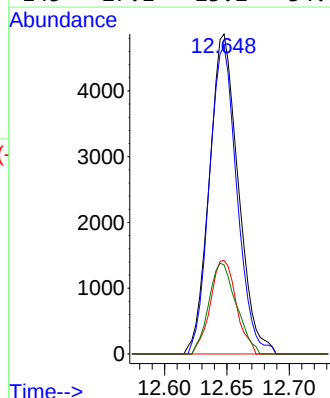
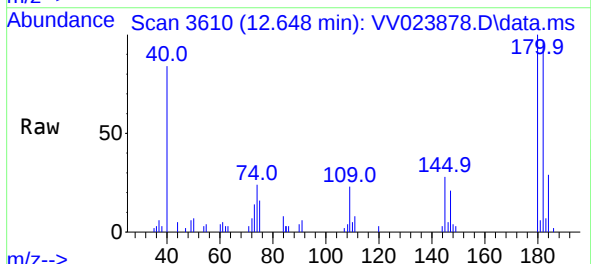
Instrument :
MSVOA_V
ClientSampleId :

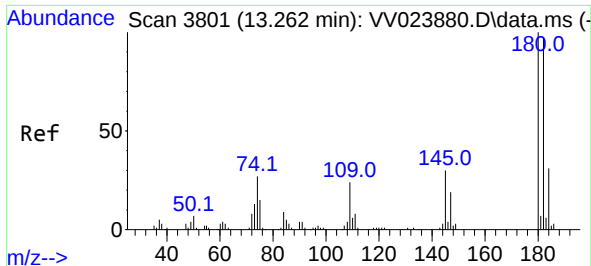
Tgt Ion: 75 Resp: 409
Ion Ratio Lower Upper
75 100
155 96.2 71.7 107.5
157 103.1 103.3 154.9#



#69
1,3,5-Trichlorobenzene
Concen: 0.544 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

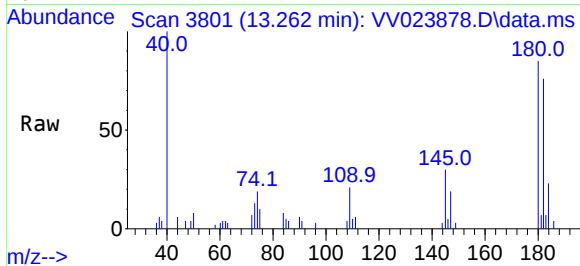
Tgt Ion:180 Resp: 7838
Ion Ratio Lower Upper
180 100
182 92.1 76.4 114.6
184 26.3 24.2 36.4
145 27.1 23.2 34.8



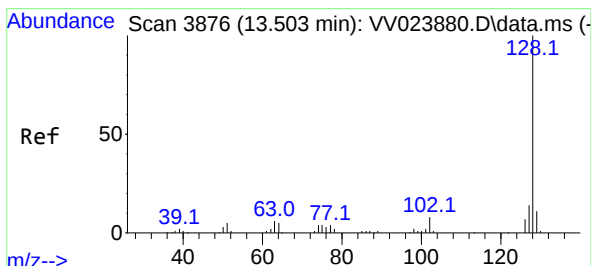
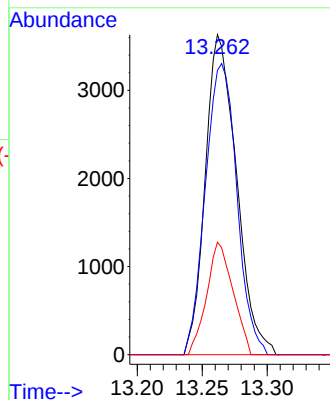
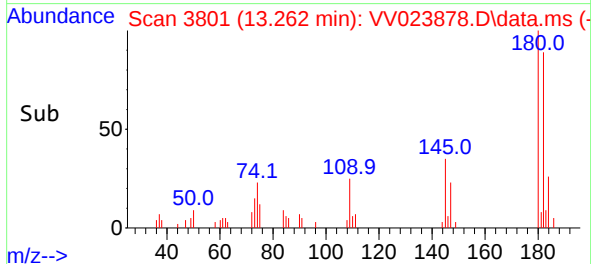


#70
1,2,4-trichlorobenzene
Concen: 0.540 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20

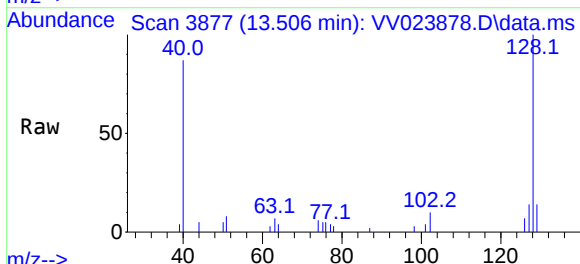
Instrument :
MSVOA_V
ClientSampleId :



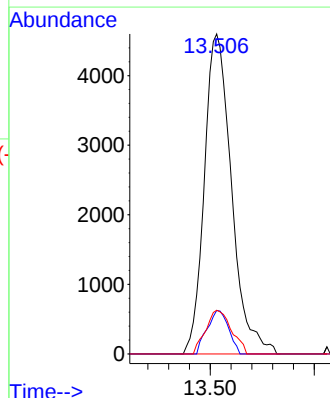
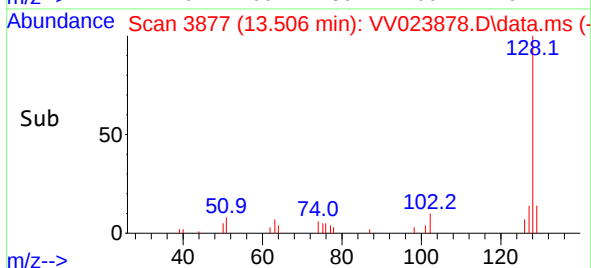
Tgt Ion:180 Resp: 6064
Ion Ratio Lower Upper
180 100
182 91.8 74.4 111.6
145 29.6 23.3 34.9

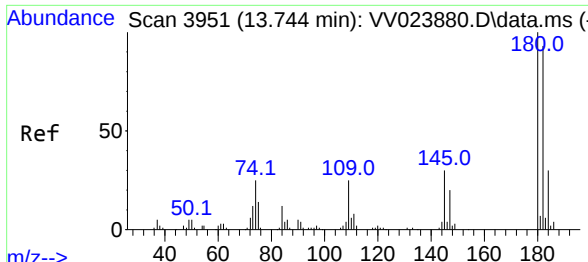


#71
Naphthalene
Concen: 0.548 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023878.D
Acq: 10 Dec 2021 11:20



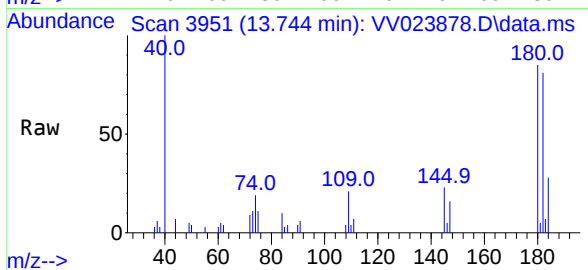
Tgt Ion:128 Resp: 8344
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.9 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.545 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.000 min
 Lab File: VV023878.D
 Acq: 10 Dec 2021 11:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	5311
Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.8	115.2
145	30.7	25.8	38.6

