

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023883.D
 Acq On : 10 Dec 2021 13:47
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 04:44:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	115383	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	115523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31344	5.053	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.000%		
7) Chloroethane-d5	1.568	69	27444	5.303	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.000%		
11) 1,1-Dichloroethene-d2	2.108	63	63696	5.261	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.200%		
20) 2-Butanone-d5	3.902	46	53516	44.160	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 88.320%		
24) Chloroform-d	4.342	84	71861	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.200%		
26) 1,2-Dichloroethane-d4	5.031	65	33576	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.600%		
32) Benzene-d6	5.047	84	124971	5.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.200%		
36) 1,2-Dichloropropane-d6	6.066	67	36136	5.235	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.600%		
41) Toluene-d8	7.313	98	112546	5.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.200%		
43) trans-1,3-Dichloroprop...	7.622	79	15691	5.479	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.600%		
46) 2-Hexanone-d5	8.088	63	71069	55.435	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.880%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28986	5.062	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	48498	5.218	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	53299	5.307	ug/L	99
3) Chloromethane	1.240	50	43700	5.093	ug/L	98
5) Vinyl chloride	1.310	62	47890	5.146	ug/L	98
6) Bromomethane	1.523	94	29928	5.060	ug/L	99
8) Chloroethane	1.584	64	30609	5.054	ug/L	96
9) Trichlorofluoromethane	1.751	101	84565	5.229	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	43848	5.148	ug/L	100
12) 1,1-Dichloroethene	2.118	96	40222	5.196	ug/L	96
13) Acetone	2.195	43	31339	32.324	ug/L	84
14) Carbon disulfide	2.291	76	116704	5.197	ug/L	99
15) Methyl Acetate	2.439	43	10934	4.653	ug/L	91
16) Methylene chloride	2.503	84	45722	4.515	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	90633	5.177	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	44543	5.198	ug/L	91
19) 1,1-Dichloroethane	3.185	63	78839	5.126	ug/L	99
21) 2-Butanone	3.982	43	55694	40.204	ug/L	90
22) cis-1,2-Dichloroethene	3.908	96	47057	5.188	ug/L	98
23) Bromochloromethane	4.246	128	21226	5.149	ug/L	91
25) Chloroform	4.371	83	85970	5.028	ug/L	99

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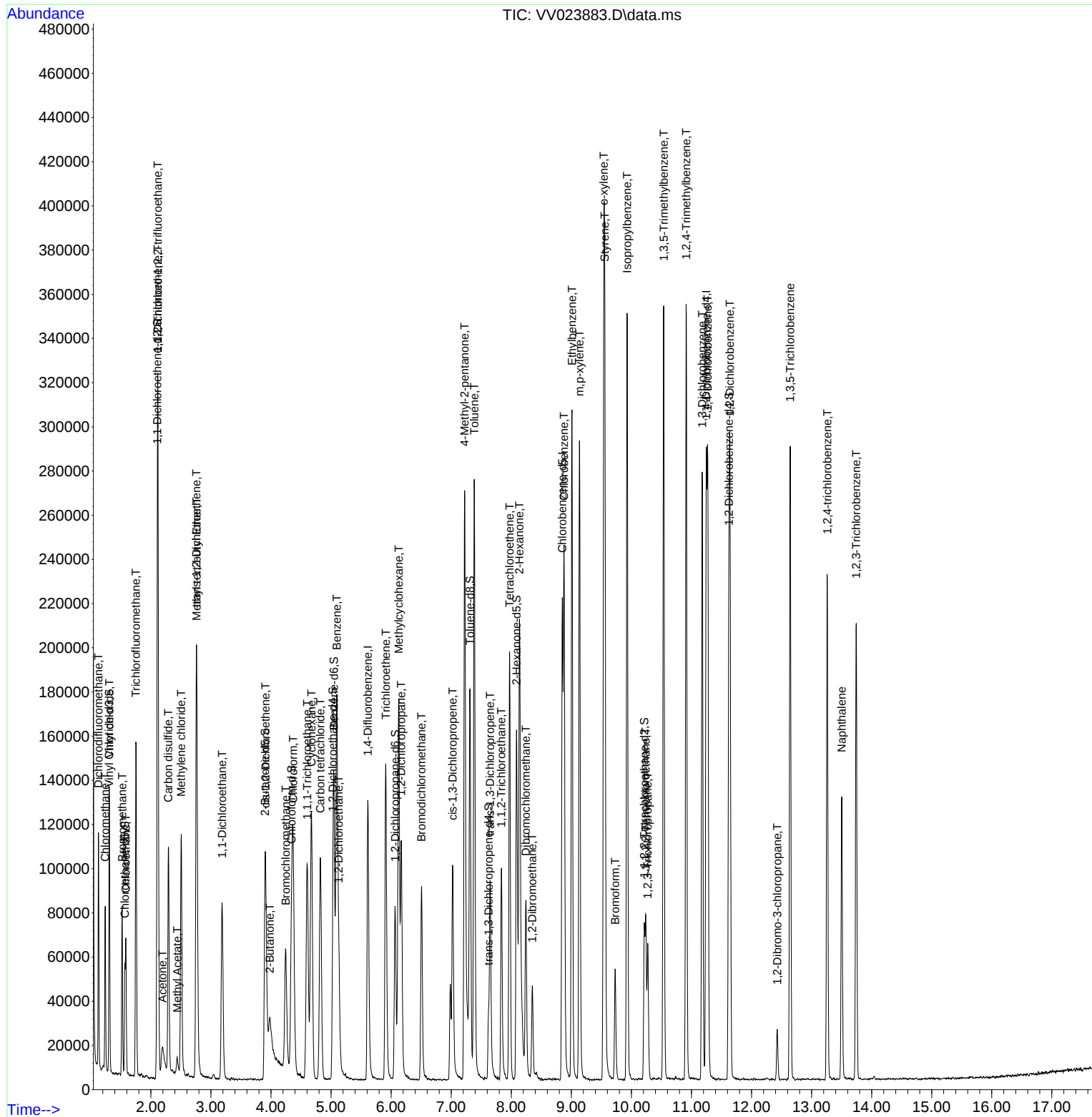
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	46464	5.016	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	79966	5.291	ug/L	99
30) Cyclohexane	4.674	56	63790	5.322	ug/L	98
31) Carbon tetrachloride	4.822	117	73304	5.160	ug/L	99
33) Benzene	5.095	78	175786	5.379	ug/L	100
34) Trichloroethene	5.912	95	48367	5.247	ug/L	94
35) Methylcyclohexane	6.127	83	71503	5.270	ug/L	98
37) 1,2-Dichloropropane	6.169	63	40765	5.248	ug/L	100
38) Bromodichloromethane	6.506	83	58067	5.277	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	62394	5.411	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	205890	55.179	ug/L	100
42) Toluene	7.384	91	199346	5.420	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	53447	5.362	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	31303	5.447	ug/L	98
47) Tetrachloroethene	7.973	164	44452	5.478	ug/L	98
48) 2-Hexanone	8.137	43	150731	55.712	ug/L	99
49) Dibromochloromethane	8.243	129	40816	5.220	ug/L	99
50) 1,2-Dibromoethane	8.349	107	28900	5.417	ug/L	97
51) Chlorobenzene	8.879	112	129846	5.282	ug/L	97
52) Ethylbenzene	9.011	91	211385	5.447	ug/L	99
53) m,p-xylene	9.136	106	83743	5.457	ug/L	99
54) o-xylene	9.542	106	80964	5.455	ug/L	93
55) Styrene	9.558	104	136487	5.524	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	32334	5.138	ug/L	100
59) Bromoform	9.731	173	23314	5.221	ug/L	100
60) Isopropylbenzene	9.931	105	222257	5.441	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	24188	5.103	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	185627	5.478	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	186724	5.531	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	111908	5.356	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	110225	5.253	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	100012	5.225	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5465	5.279	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	90235	5.251	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	71525	5.300	ug/L	97
71) Naphthalene	13.503	128	101385	5.227	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	63858	5.359	ug/L	99

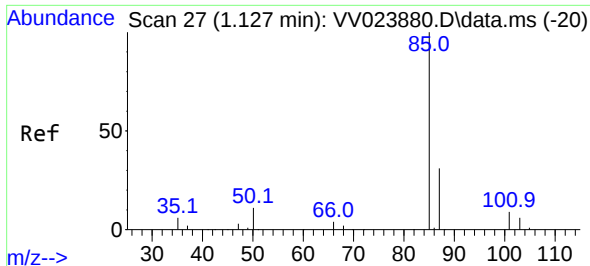
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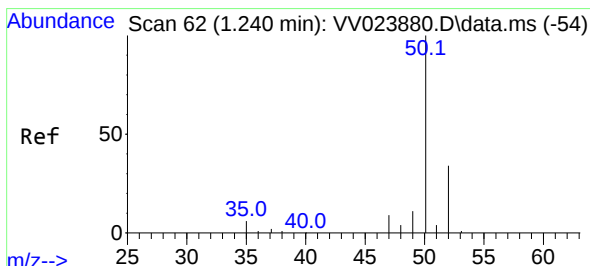
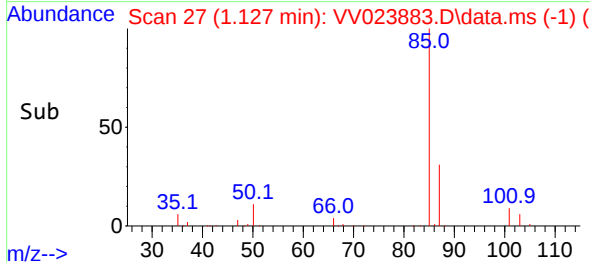
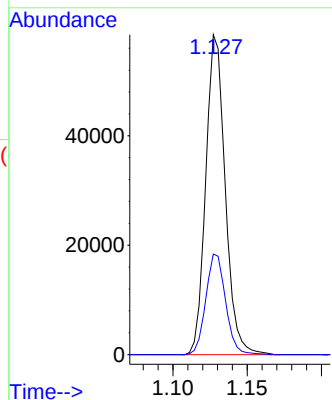
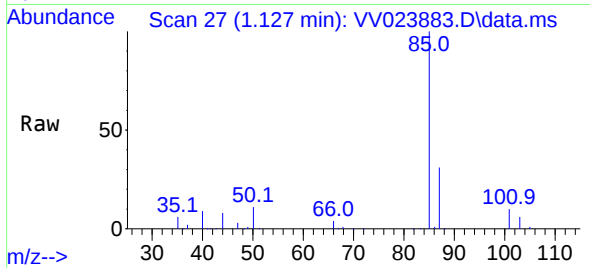




#2
 Dichlorodifluoromethane
 Concen: 5.307 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023883.D
 Acq: 10 Dec 2021 13:47

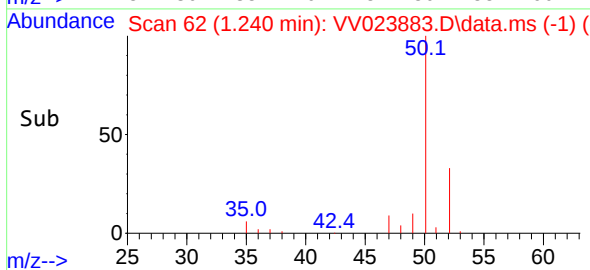
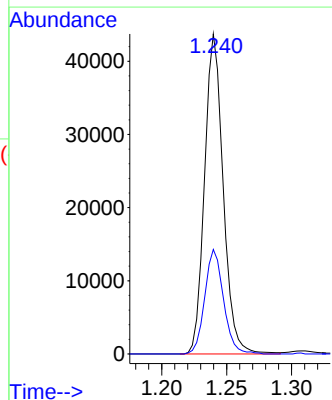
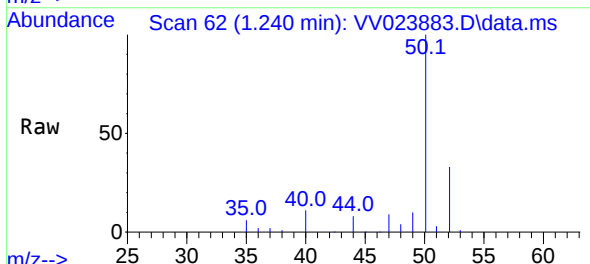
Instrument :
 MSVOA_V
 ClientSampleId :

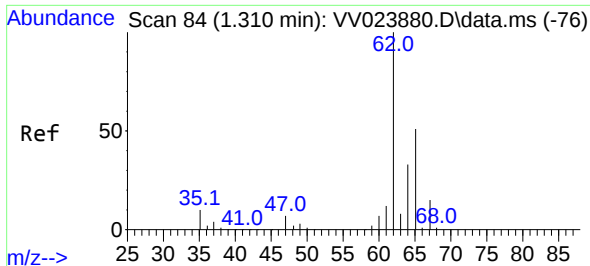
Tgt Ion: 85 Resp: 53299
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.093 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023883.D
 Acq: 10 Dec 2021 13:47

Tgt Ion: 50 Resp: 43700
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.0 41.0

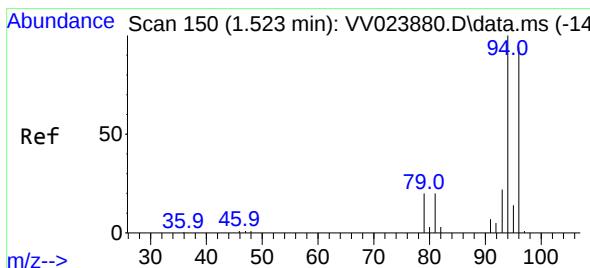
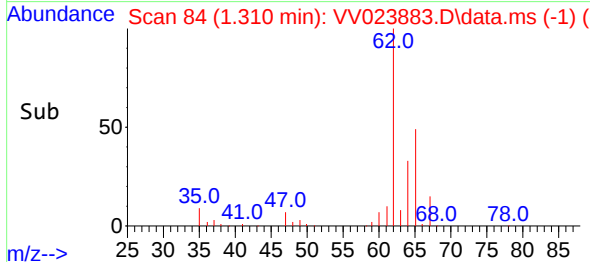
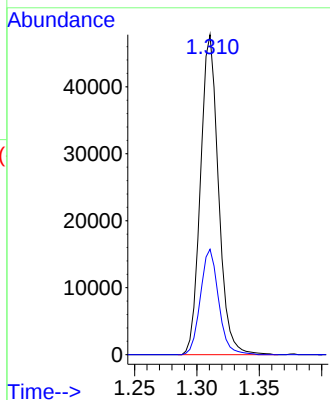
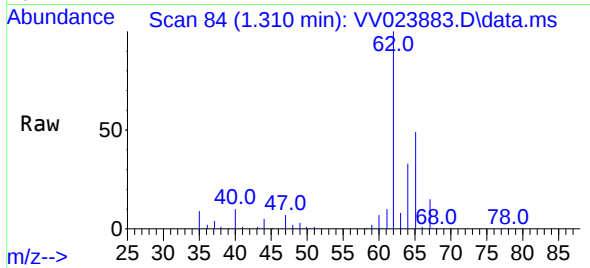




#5
 Vinyl chloride
 Concen: 5.146 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023883.D
 Acq: 10 Dec 2021 13:47

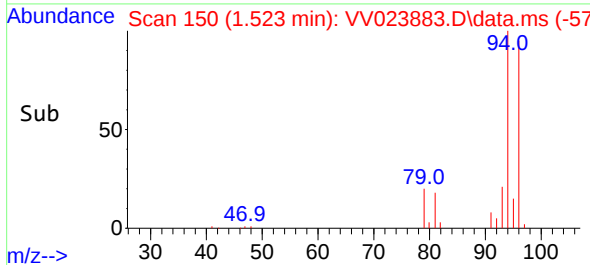
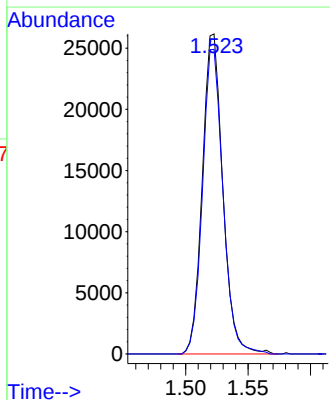
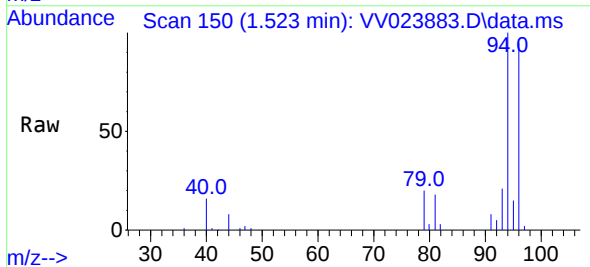
Instrument :
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 ClientSampleId :

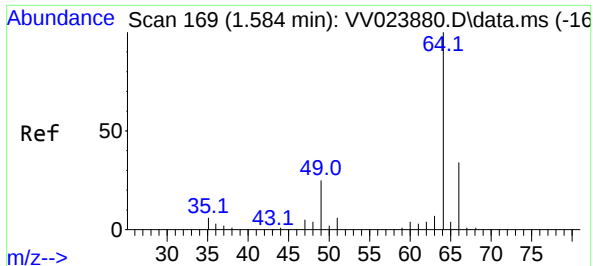
Tgt Ion: 62 Resp: 47890
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.4 41.6



#6
 Bromomethane
 Concen: 5.060 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023883.D
 Acq: 10 Dec 2021 13:47

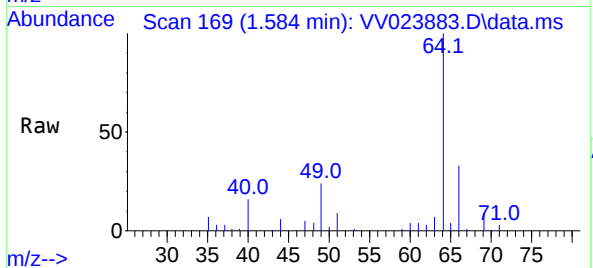
Tgt Ion: 94 Resp: 29928
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.2 123.0



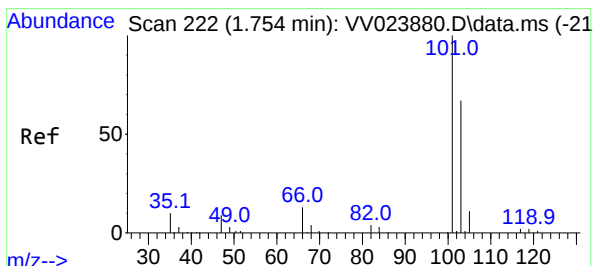
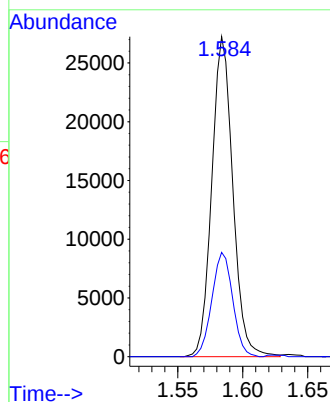
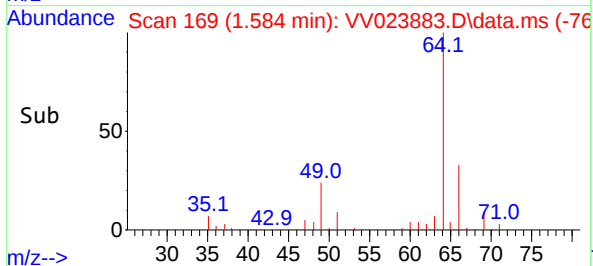


#8
Chloroethane
Concen: 5.054 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Instrument :
MSVOA_V
ClientSampleId :

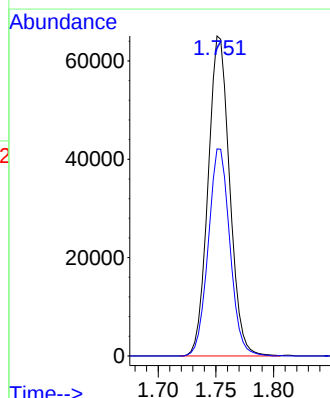
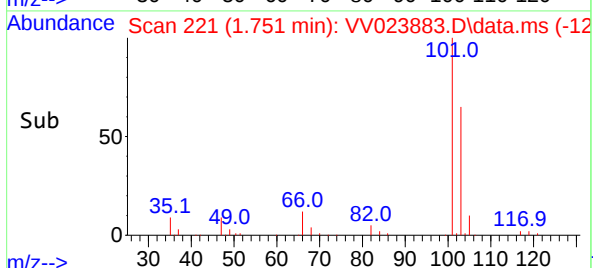
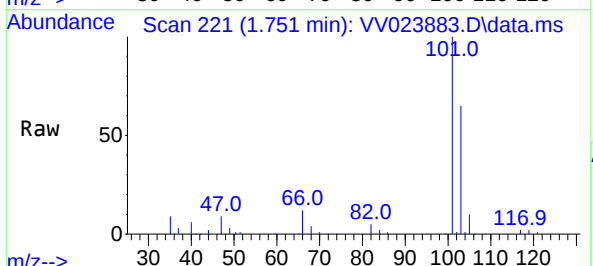


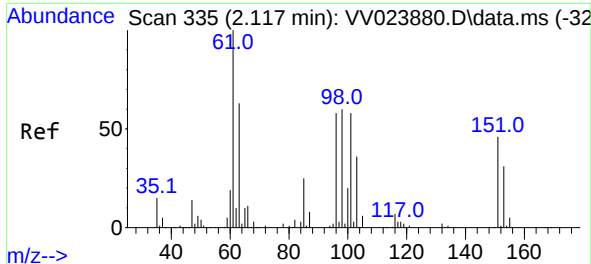
Tgt Ion: 64 Resp: 30609
Ion Ratio Lower Upper
64 100
66 32.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.229 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion:101 Resp: 84565
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

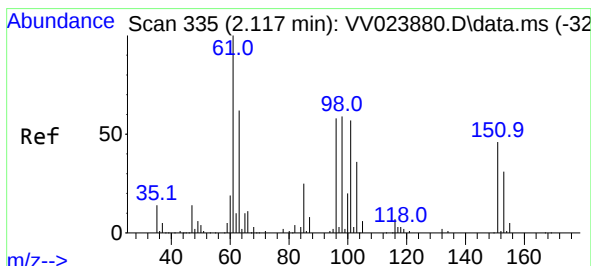
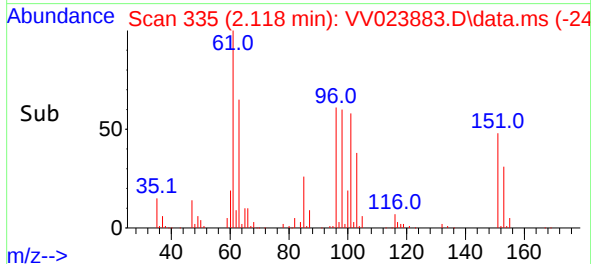
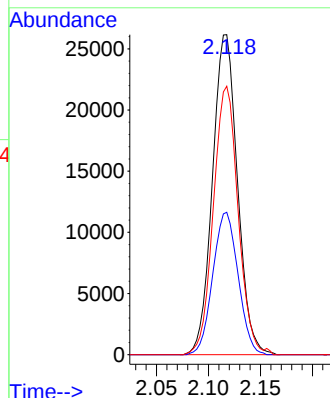
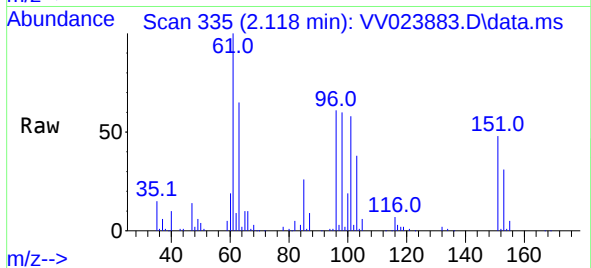




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.148 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

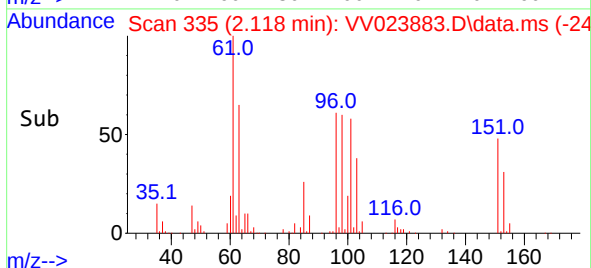
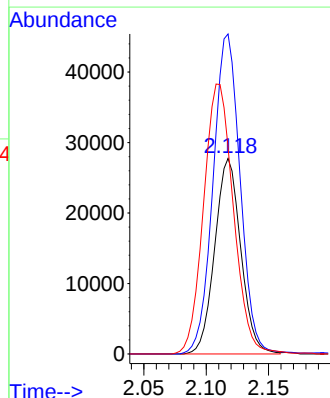
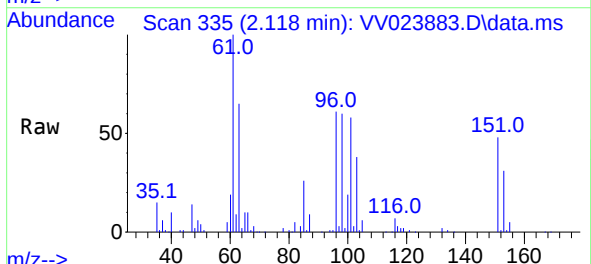
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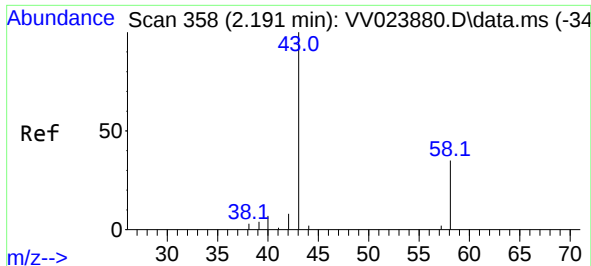
Tgt Ion:101 Resp: 43848
Ion Ratio Lower Upper
101 100
85 44.9 36.0 54.0
151 82.9 66.4 99.6



#12
1,1-Dichloroethene
Concen: 5.196 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion: 96 Resp: 40222
Ion Ratio Lower Upper
96 100
61 163.6 116.1 215.5
63 105.9 79.4 147.4





#13

Acetone

Concen: 32.324 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023883.D

Acq: 10 Dec 2021 13:47

Instrument :

MSVOA_V

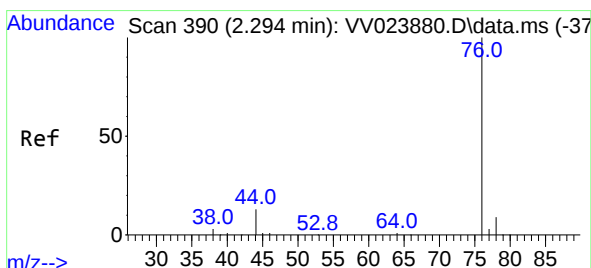
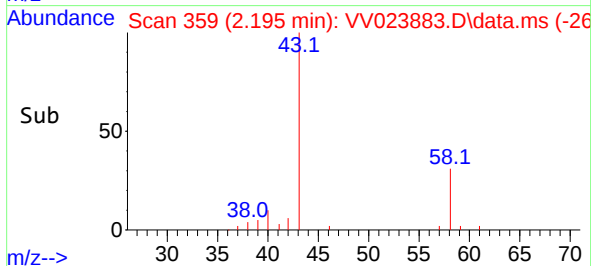
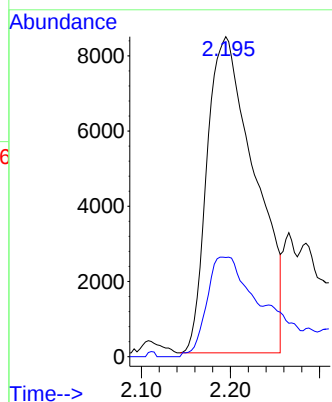
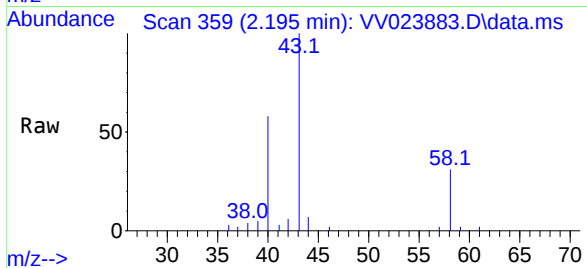
ClientSampleId :

Tgt Ion: 43 Resp: 31339

Ion Ratio Lower Upper

43 100

58 28.2 0.0 41.4



#14

Carbon disulfide

Concen: 5.197 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV023883.D

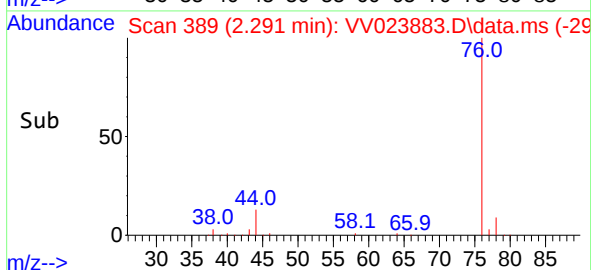
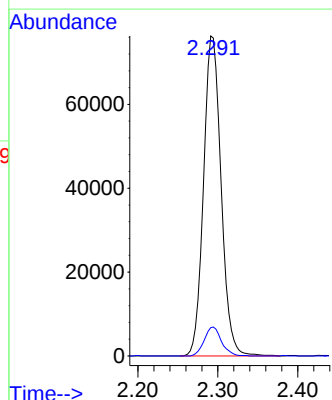
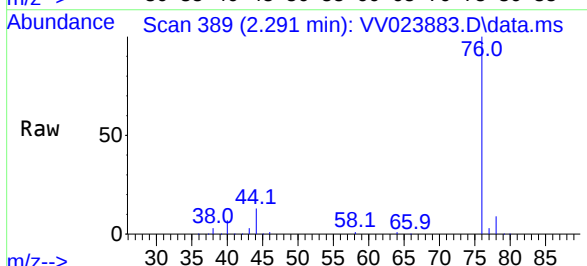
Acq: 10 Dec 2021 13:47

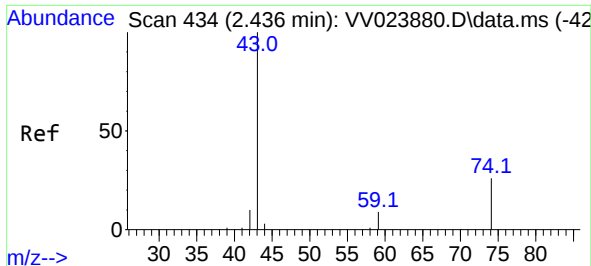
Tgt Ion: 76 Resp: 116704

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

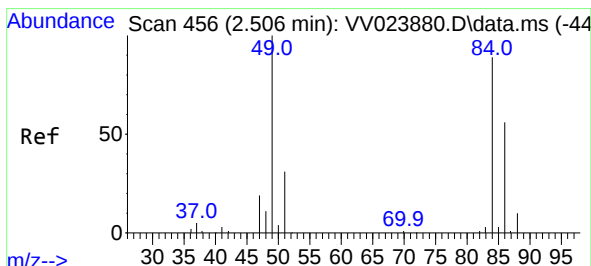
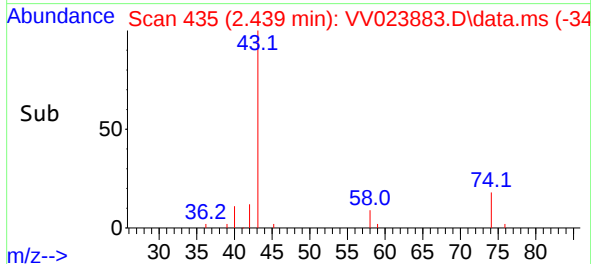
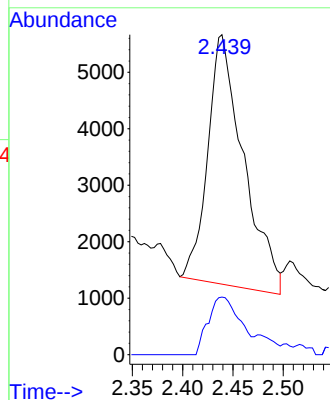
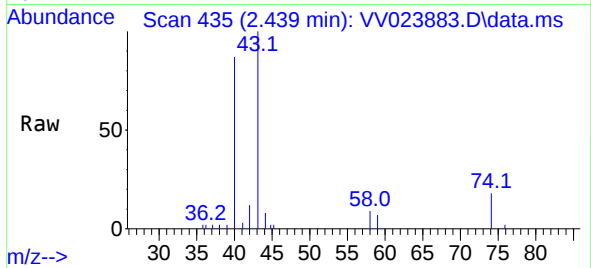




#15
Methyl Acetate
Concen: 4.653 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

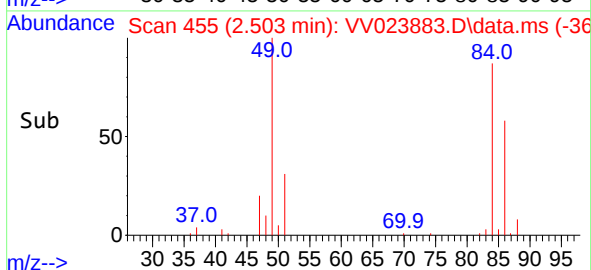
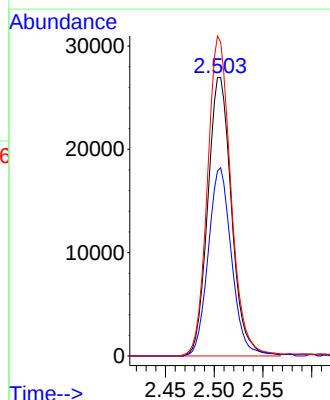
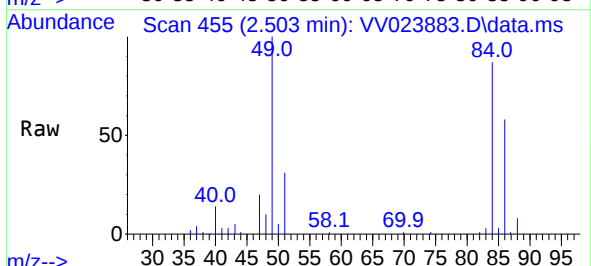
Instrument :
MSVOA_V
ClientSampleId :

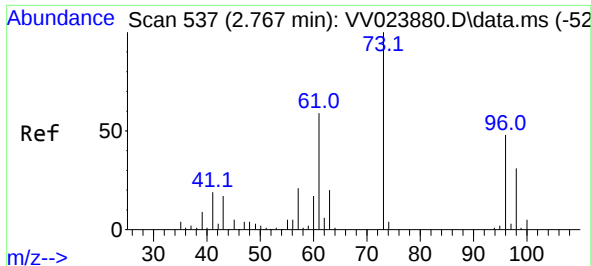
Tgt Ion: 43 Resp: 10934
Ion Ratio Lower Upper
43 100
74 20.7 20.2 30.2



#16
Methylene chloride
Concen: 4.515 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

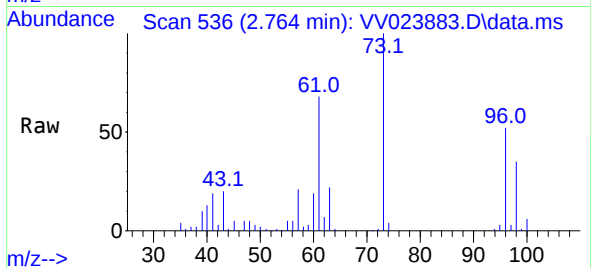
Tgt Ion: 84 Resp: 45722
Ion Ratio Lower Upper
84 100
86 66.4 42.6 79.0
49 114.9 79.7 147.9



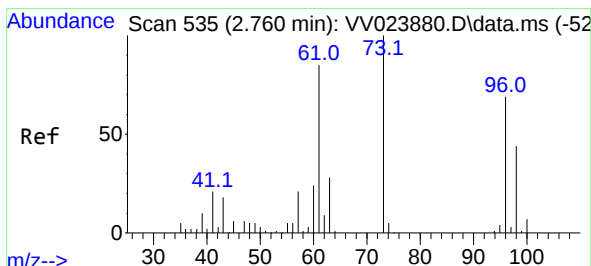
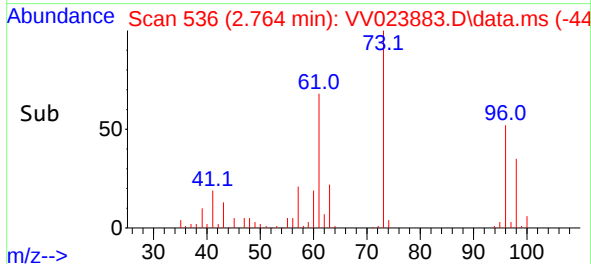
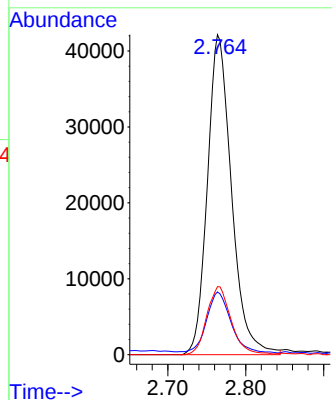


#17
Methyl tert-butyl Ether
Concen: 5.177 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Instrument :
MSVOA_V
ClientSampleId :

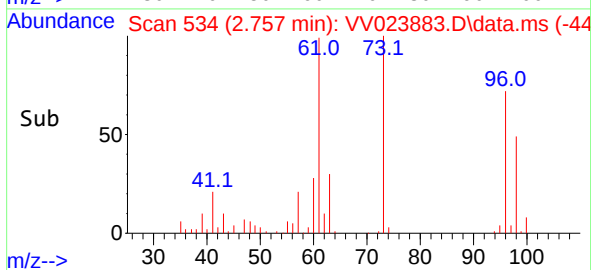
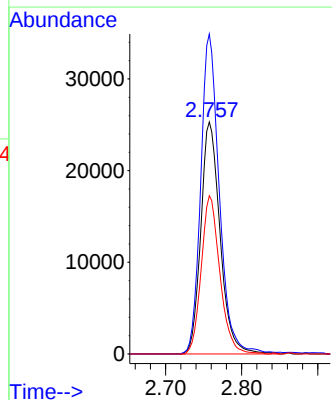
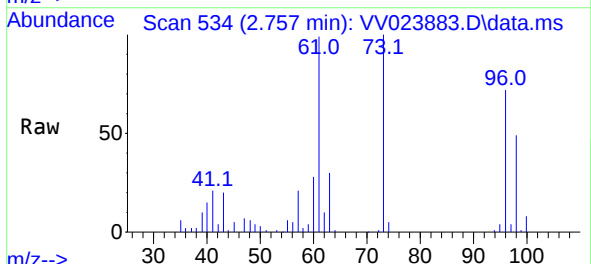


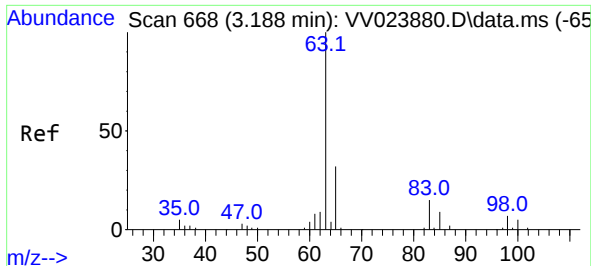
Tgt Ion: 73 Resp: 90633
Ion Ratio Lower Upper
73 100
43 19.1 15.5 23.3
57 21.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.198 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion: 96 Resp: 44543
Ion Ratio Lower Upper
96 100
61 137.9 88.2 163.8
98 68.2 44.9 83.5

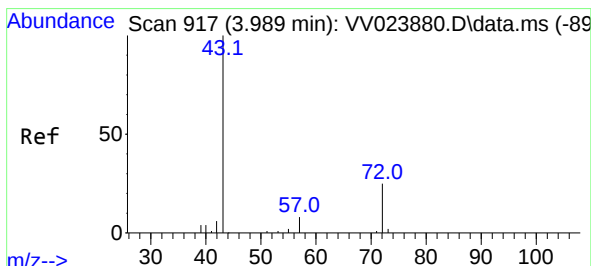
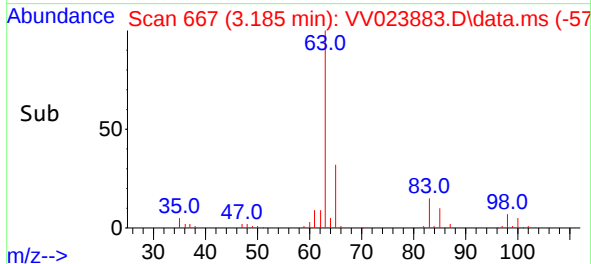
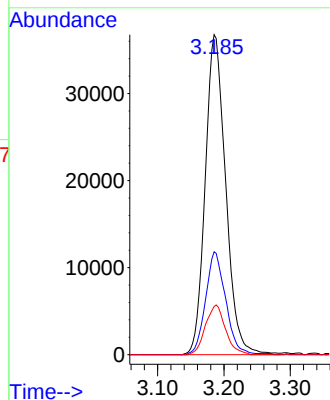
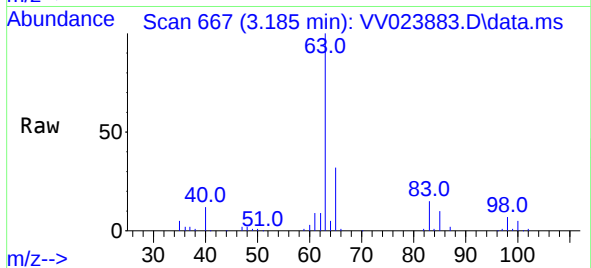




#19
1,1-Dichloroethane
Concen: 5.126 ug/L
RT: 3.185 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

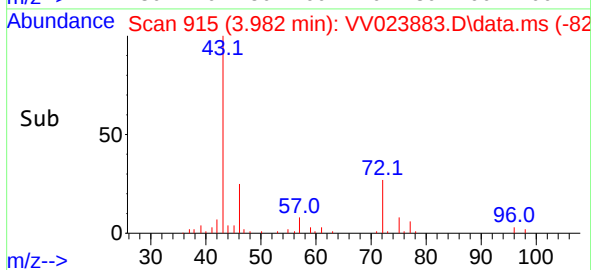
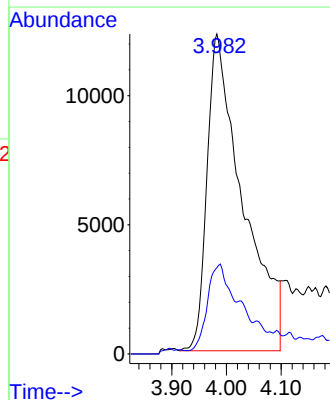
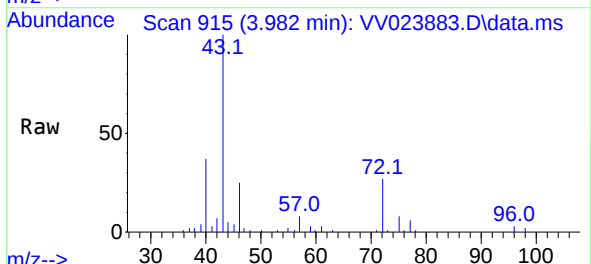
Instrument :
MSVOA_V
ClientSampleId :

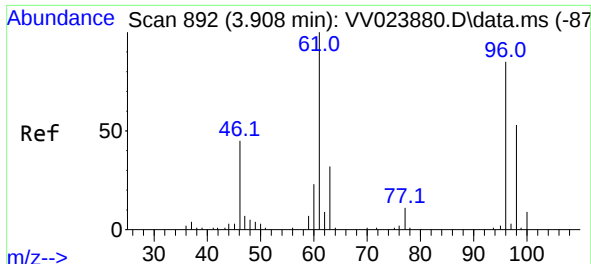
Tgt Ion: 63 Resp: 78839
Ion Ratio Lower Upper
63 100
65 32.1 22.3 41.3
83 15.0 10.7 19.9



#21
2-Butanone
Concen: 40.204 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.006 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

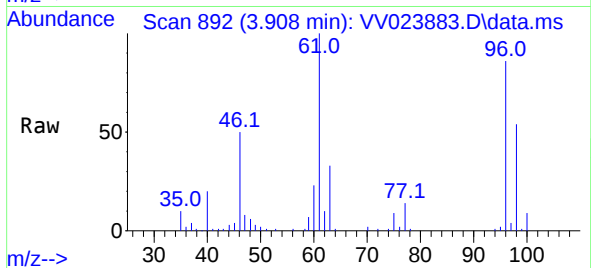
Tgt Ion: 43 Resp: 55694
Ion Ratio Lower Upper
43 100
72 17.4 11.1 33.1





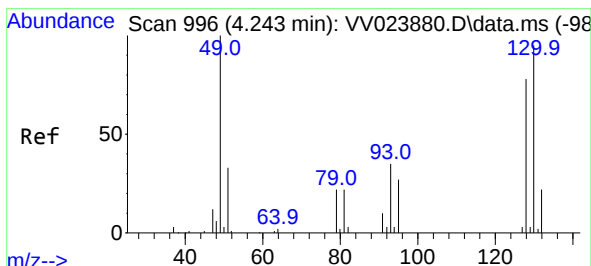
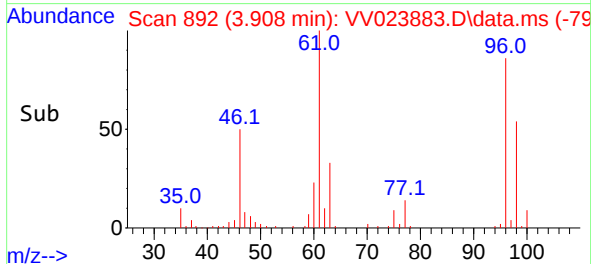
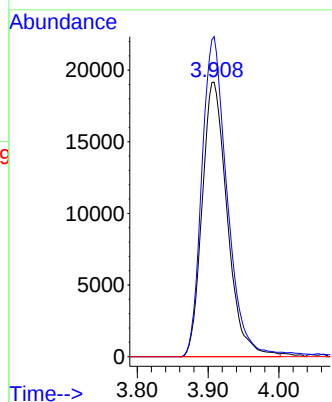
#22
cis-1,2-Dichloroethene
Concen: 5.188 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 47057

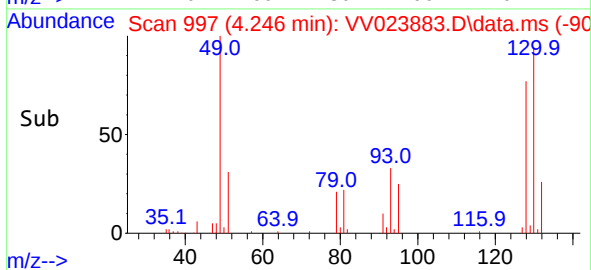
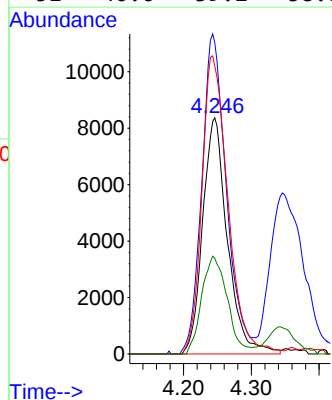
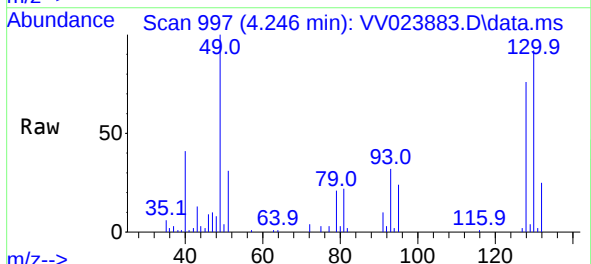
Ion	Ratio	Lower	Upper
96	100		
61	116.6	83.4	154.8
68	0.0	0.0	0.0

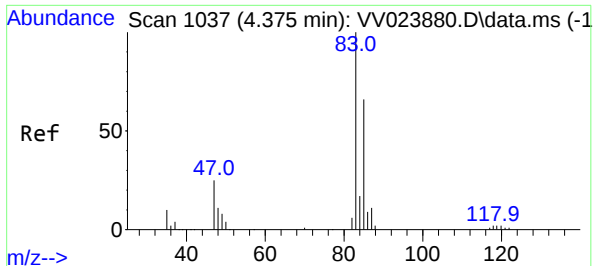


#23
Bromochloromethane
Concen: 5.149 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion: 128 Resp: 21226

Ion	Ratio	Lower	Upper
128	100		
49	131.9	100.2	186.2
130	122.0	92.5	171.7
51	40.6	39.2	58.8





#25

Chloroform

Concen: 5.028 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV023883.D

Acq: 10 Dec 2021 13:47

Instrument :

MSVOA_V

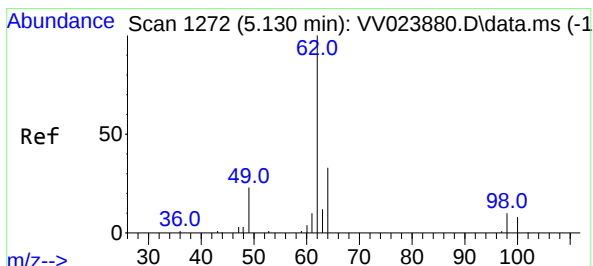
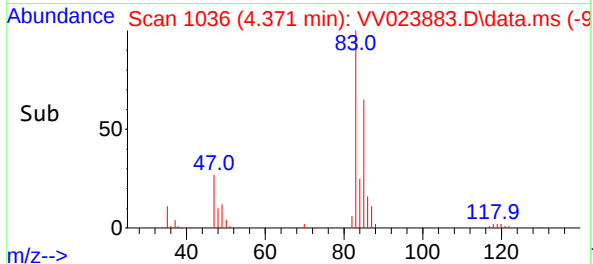
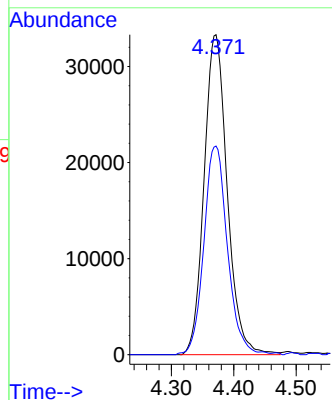
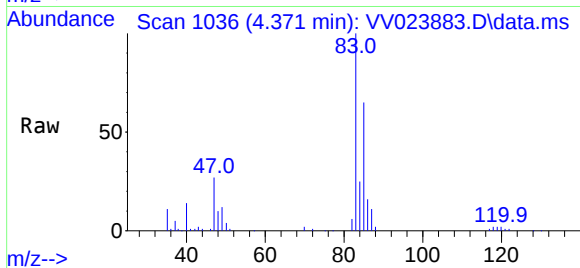
ClientSampleId :

Tgt Ion: 83 Resp: 85970

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.016 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV023883.D

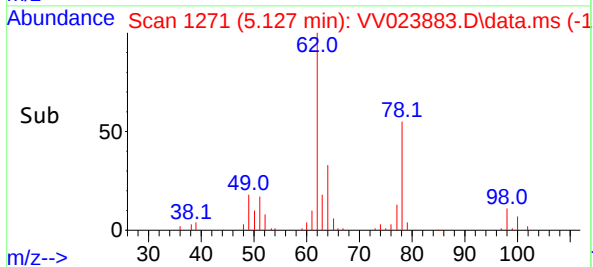
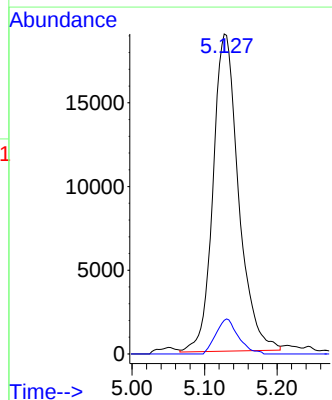
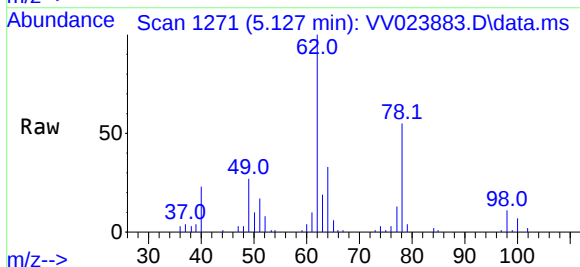
Acq: 10 Dec 2021 13:47

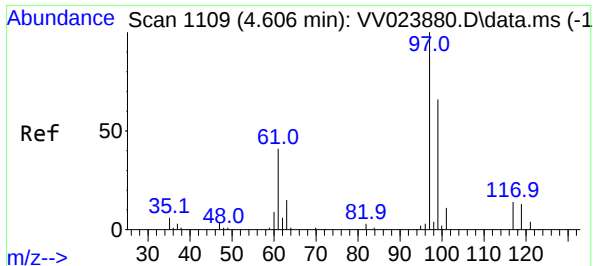
Tgt Ion: 62 Resp: 46464

Ion Ratio Lower Upper

62 100

98 10.5 8.1 12.1

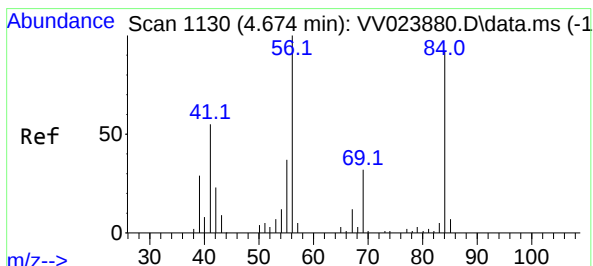
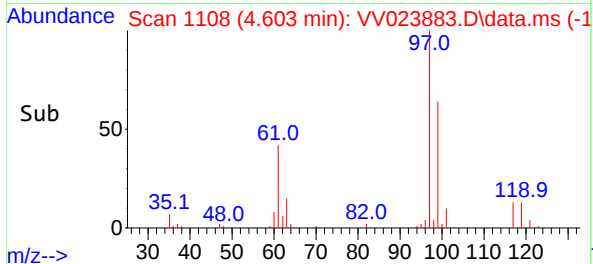
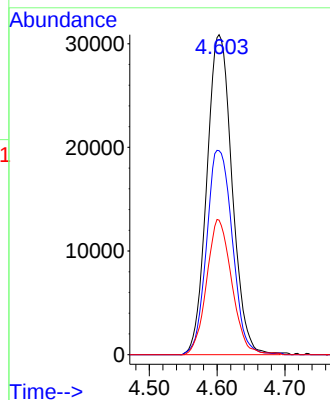
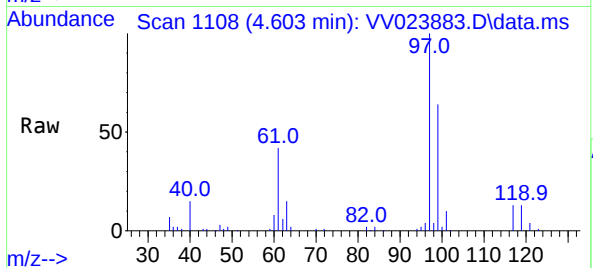




#29
1,1,1-Trichloroethane
Concen: 5.291 ug/L
RT: 4.603 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

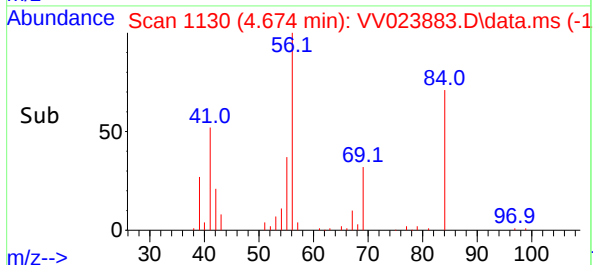
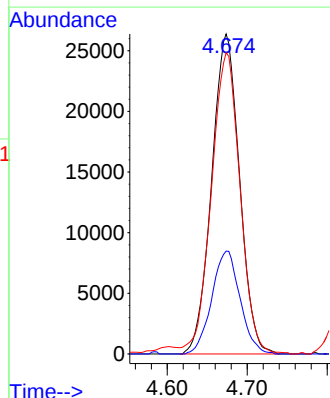
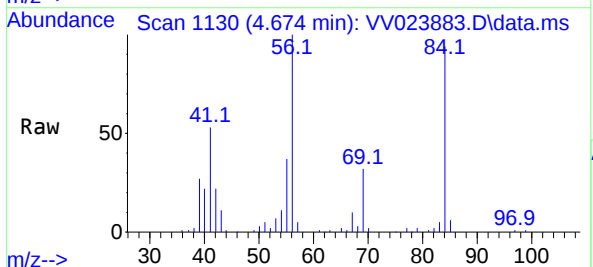
Instrument :
MSVOA_V
ClientSampleId :

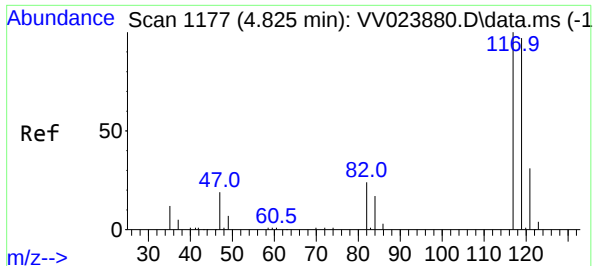
Tgt Ion:	97	Resp:	79966
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.9	77.9
61	42.1	33.2	49.8



#30
Cyclohexane
Concen: 5.322 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

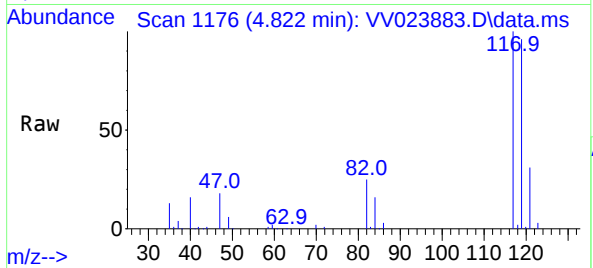
Tgt Ion:	56	Resp:	63790
Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.8	37.2
84	96.9	75.9	113.9



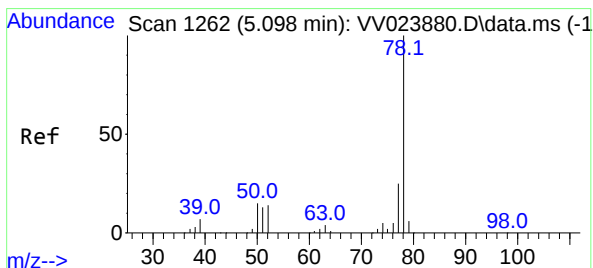
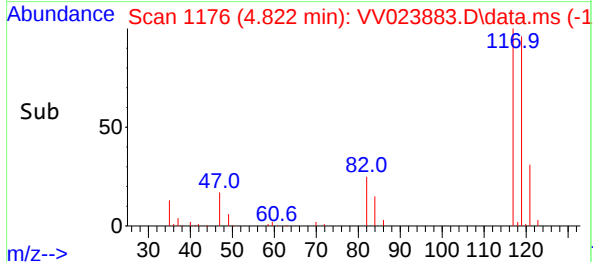
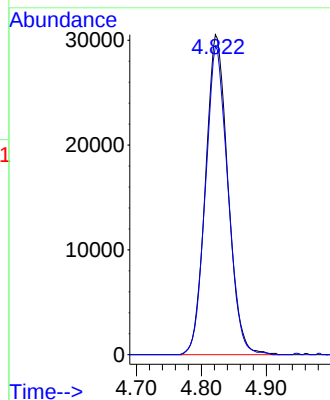


#31
Carbon tetrachloride
Concen: 5.160 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Instrument :
MSVOA_V
ClientSampleId :

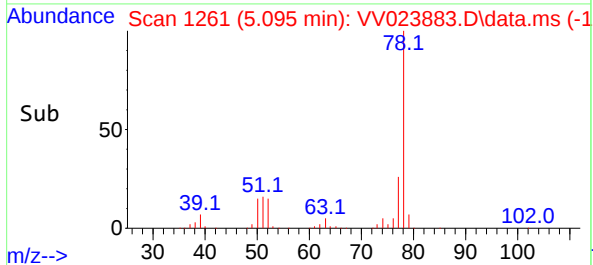
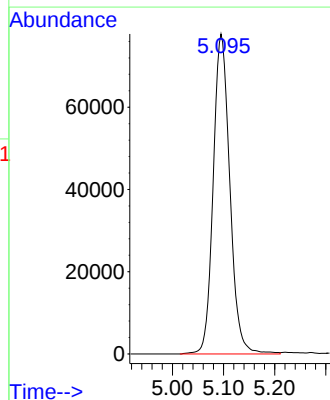
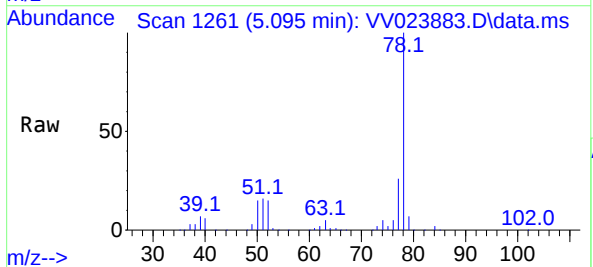


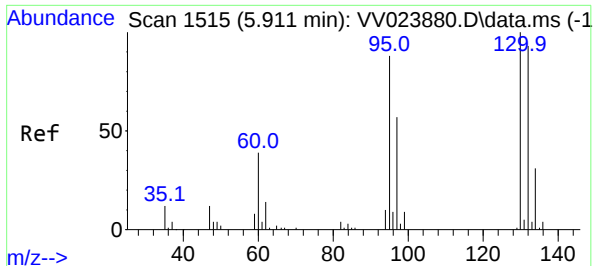
Tgt Ion:117 Resp: 73304
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8



#33
Benzene
Concen: 5.379 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

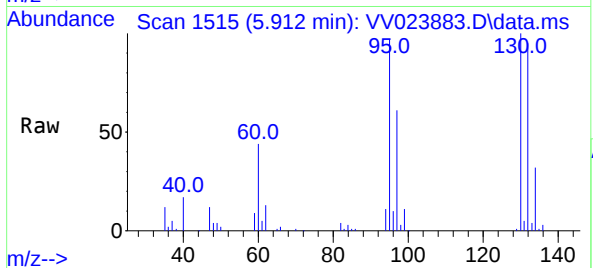
Tgt Ion: 78 Resp: 175786



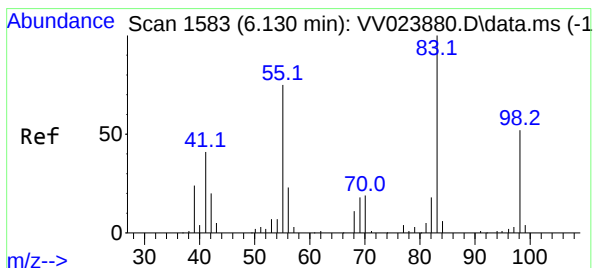
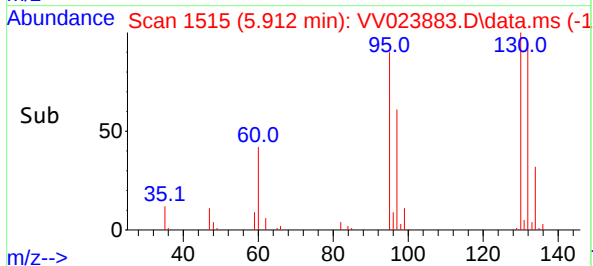
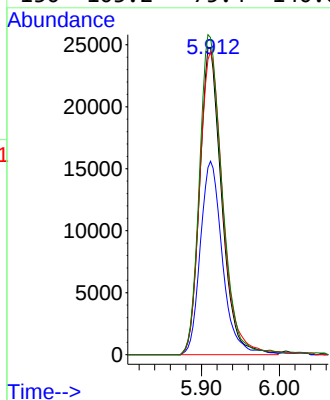


#34
Trichloroethene
Concen: 5.247 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Instrument :
MSVOA_V
ClientSampleId :

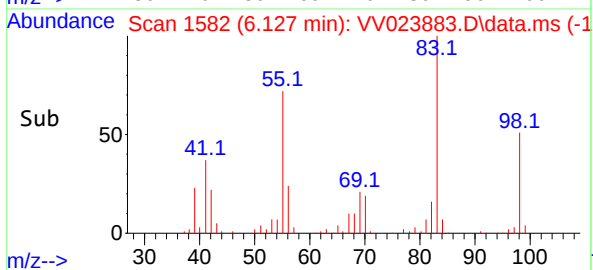
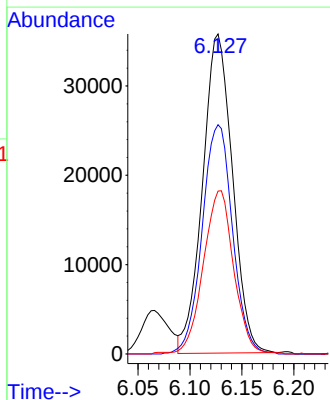
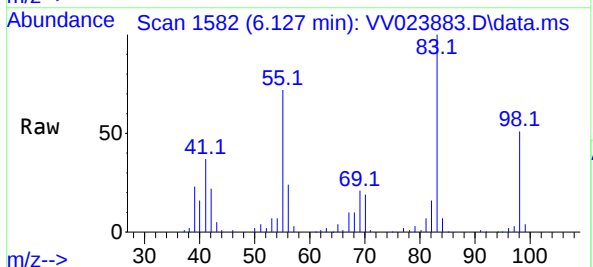


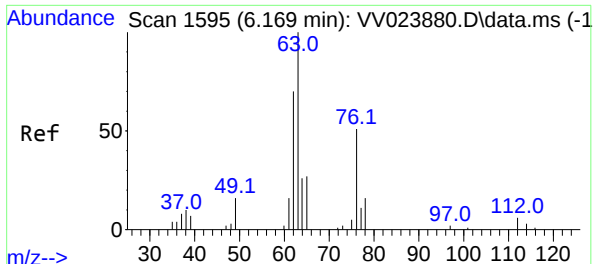
Tgt Ion: 95 Resp: 48367
Ion Ratio Lower Upper
95 100
97 63.0 45.2 84.0
132 98.5 76.1 141.3
130 103.2 75.4 140.0



#35
Methylcyclohexane
Concen: 5.270 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion: 83 Resp: 71503
Ion Ratio Lower Upper
83 100
55 73.2 60.2 90.2
98 52.2 41.0 61.4

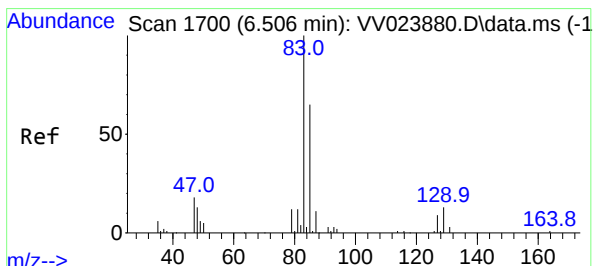
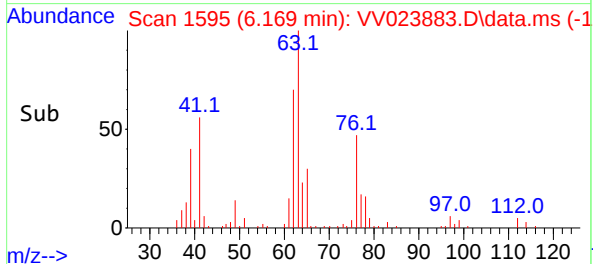
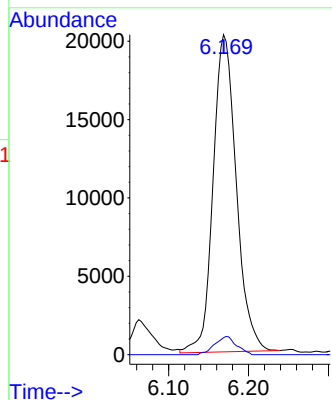
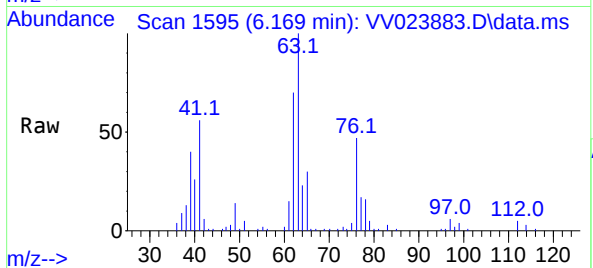




#37
1,2-Dichloropropane
Concen: 5.248 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

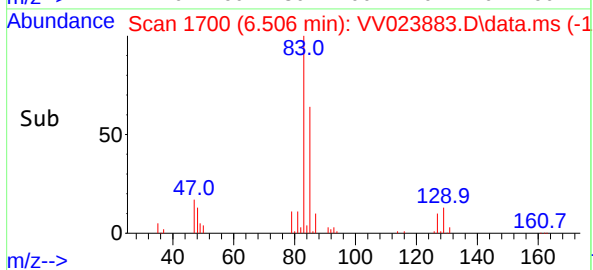
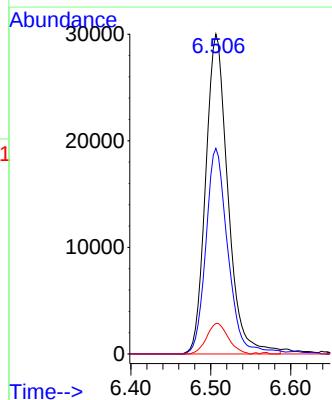
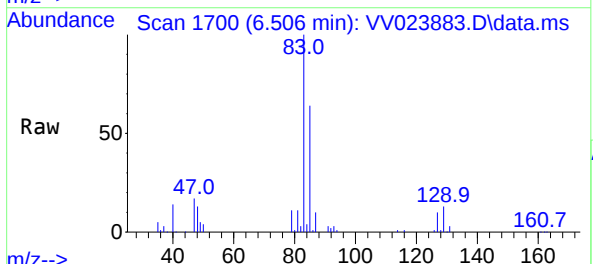
Instrument :
MSVOA_V
ClientSampleId :

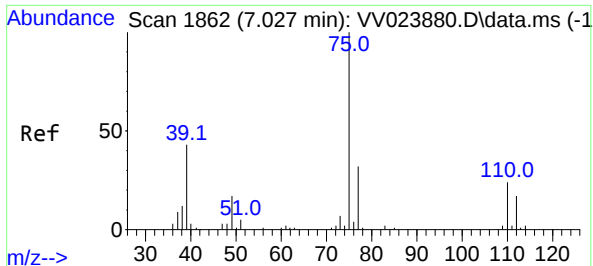
Tgt Ion: 63 Resp: 40765
Ion Ratio Lower Upper
63 100
112 5.4 4.3 6.5



#38
Bromodichloromethane
Concen: 5.277 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion: 83 Resp: 58067
Ion Ratio Lower Upper
83 100
85 64.3 44.0 81.8
127 9.6 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.411 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV023883.D

Acq: 10 Dec 2021 13:47

Instrument :

MSVOA_V

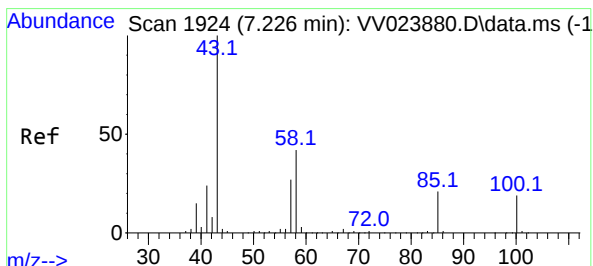
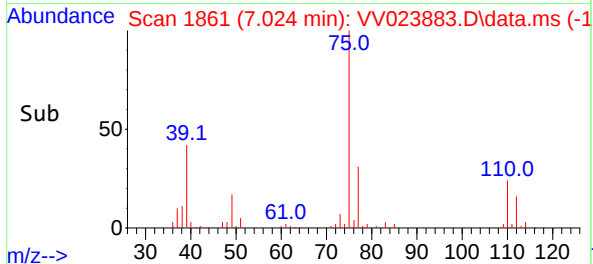
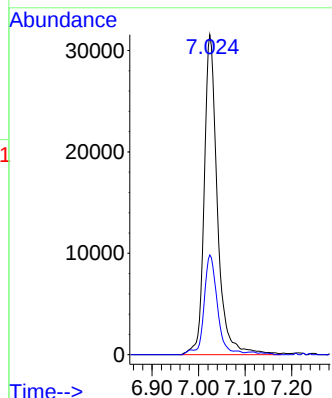
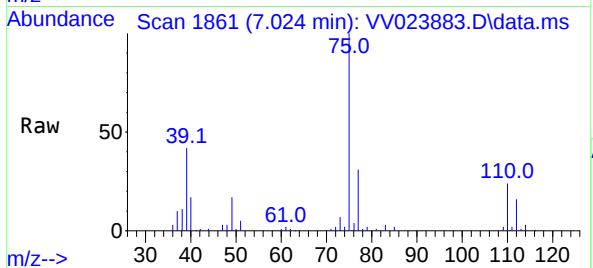
ClientSampleId :

Tgt Ion: 75 Resp: 62394

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 55.179 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV023883.D

Acq: 10 Dec 2021 13:47

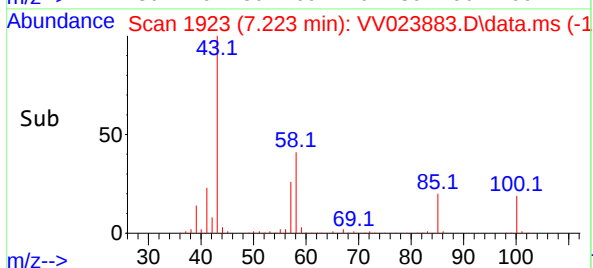
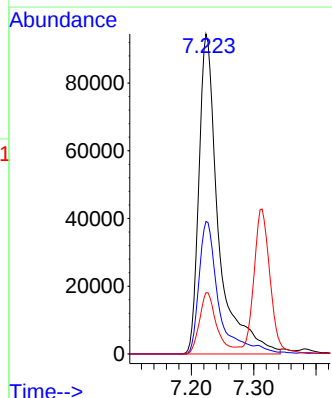
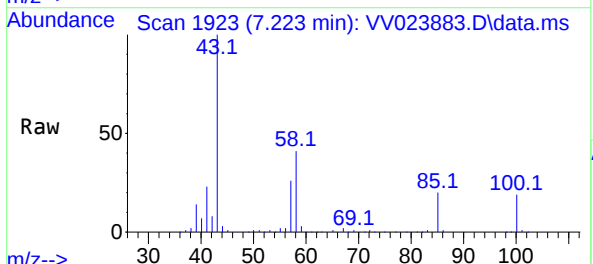
Tgt Ion: 43 Resp: 205890

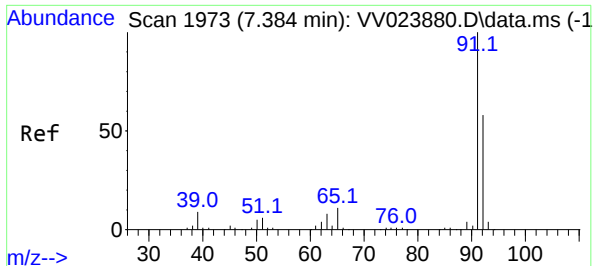
Ion Ratio Lower Upper

43 100

58 40.5 32.3 48.5

100 16.7 13.0 19.6





#42

Toluene

Concen: 5.420 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV023883.D

Acq: 10 Dec 2021 13:47

Instrument :

MSVOA_V

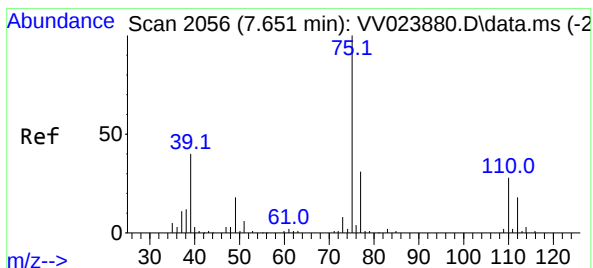
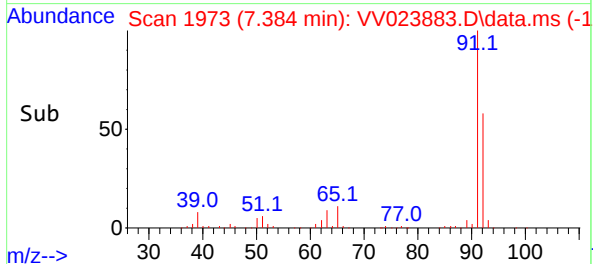
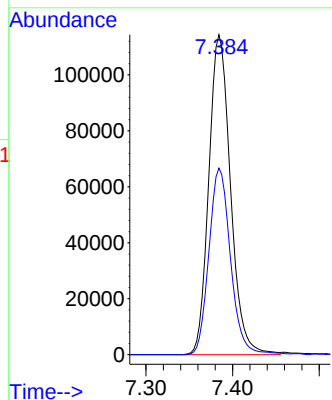
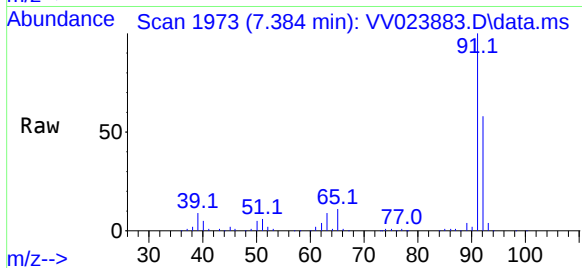
ClientSampleId :

Tgt Ion: 91 Resp: 199346

Ion Ratio Lower Upper

91 100

92 58.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.362 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV023883.D

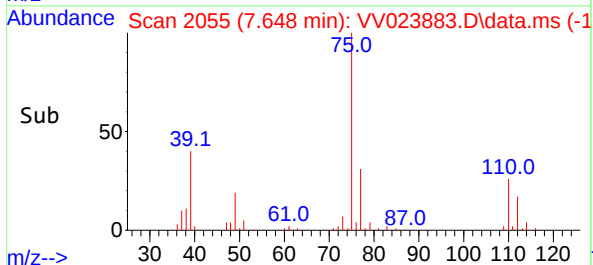
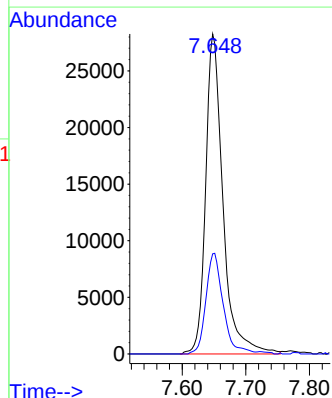
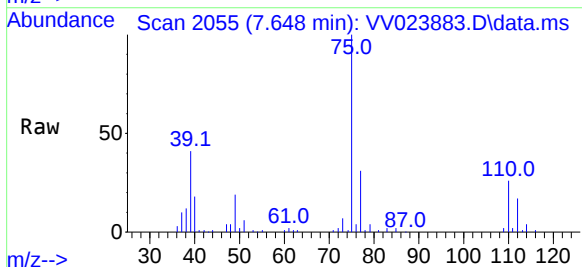
Acq: 10 Dec 2021 13:47

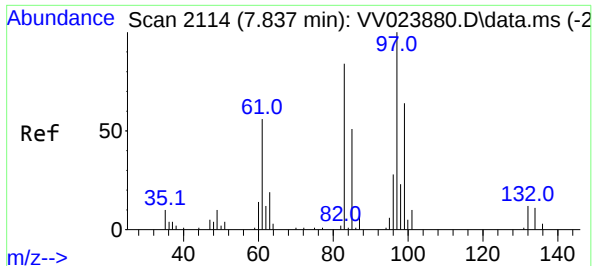
Tgt Ion: 75 Resp: 53447

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.447 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV023883.D

Acq: 10 Dec 2021 13:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 31303

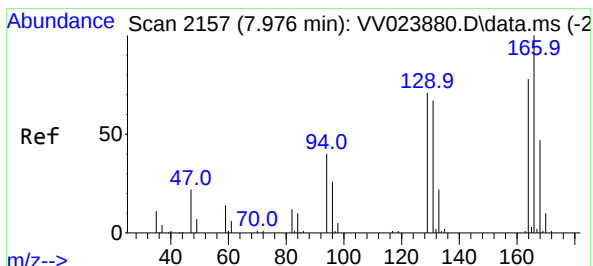
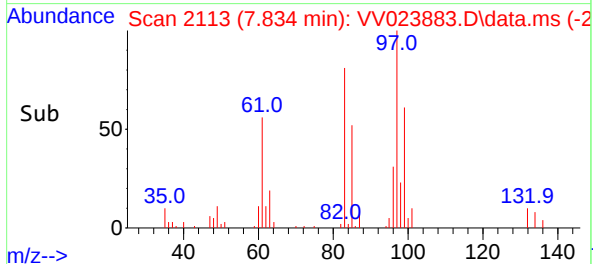
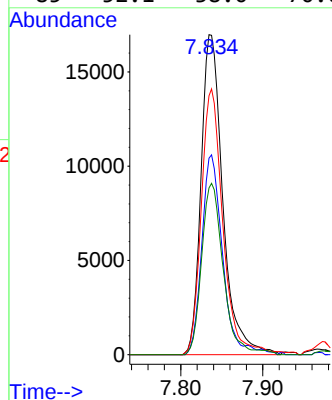
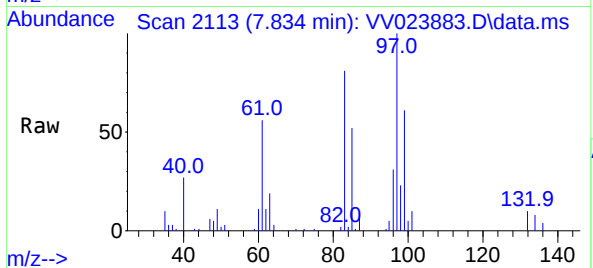
Ion Ratio Lower Upper

97 100

99 61.4 43.1 80.1

83 80.9 57.9 107.5

85 52.1 38.0 70.6



#47

Tetrachloroethene

Concen: 5.478 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV023883.D

Acq: 10 Dec 2021 13:47

Tgt Ion:164 Resp: 44452

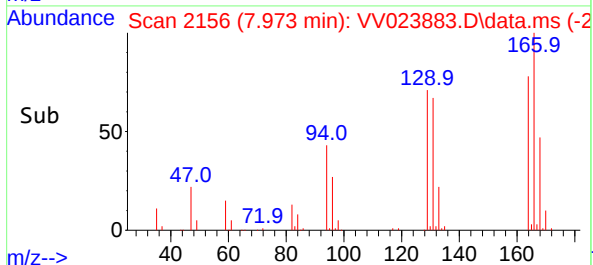
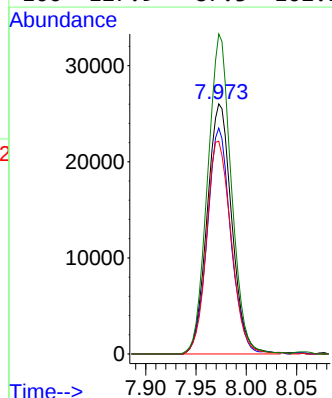
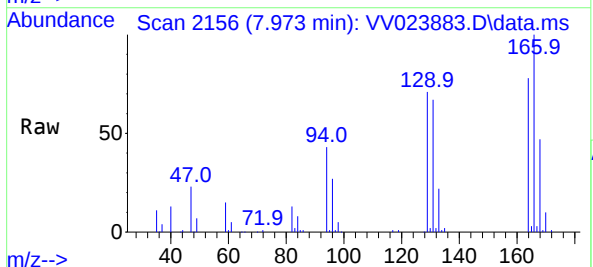
Ion Ratio Lower Upper

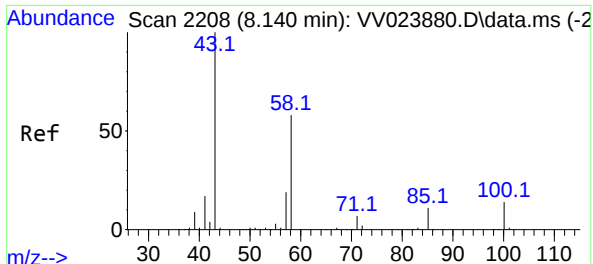
164 100

129 90.3 62.6 116.2

131 85.1 61.0 113.4

166 127.9 87.3 162.1

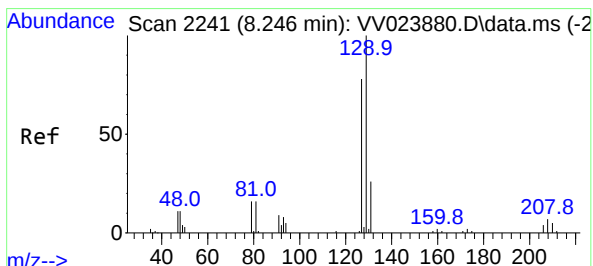
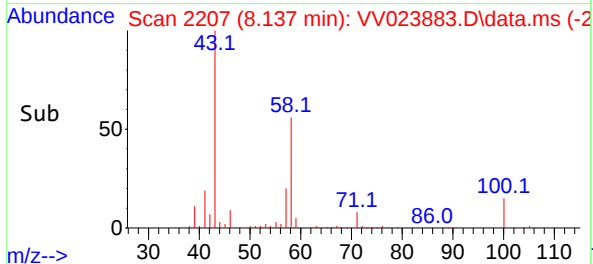
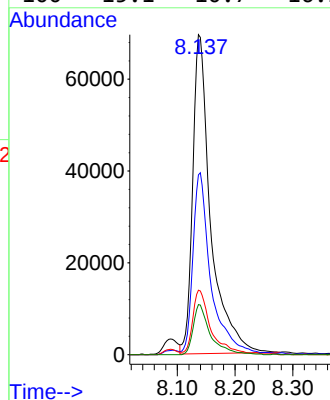
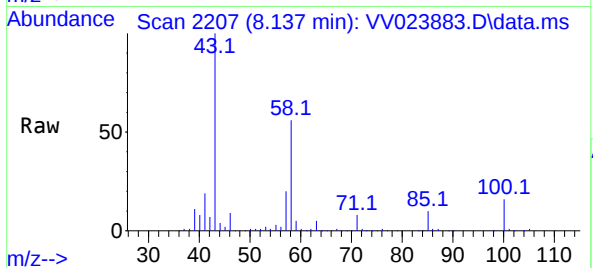




#48
2-Hexanone
Concen: 55.712 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

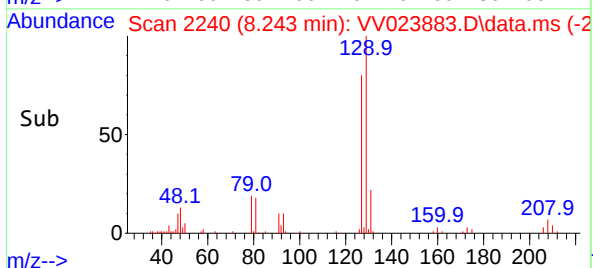
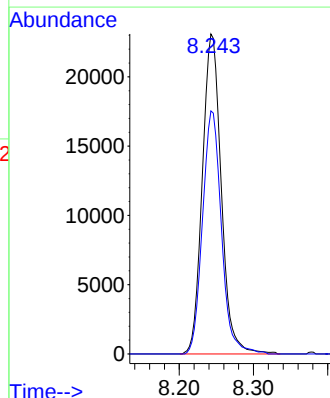
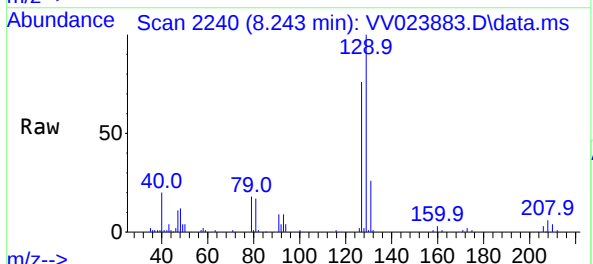
Instrument :
MSVOA_V
ClientSampleId :

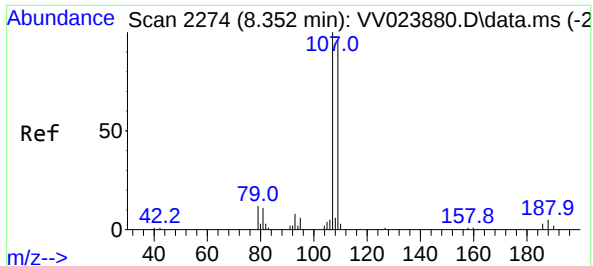
Tgt Ion: 43 Resp: 150731
Ion Ratio Lower Upper
43 100
58 55.6 44.5 66.7
57 19.5 15.1 22.7
100 15.1 10.7 16.1



#49
Dibromochloromethane
Concen: 5.220 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

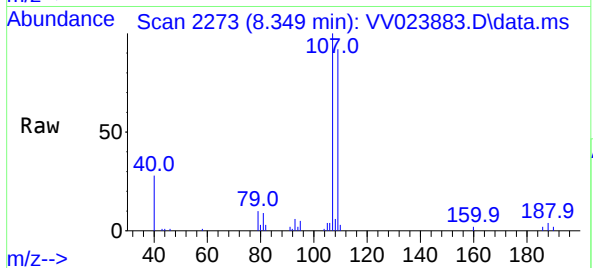
Tgt Ion: 129 Resp: 40816
Ion Ratio Lower Upper
129 100
127 75.9 53.5 99.3



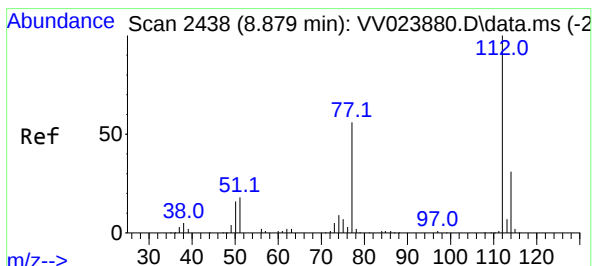
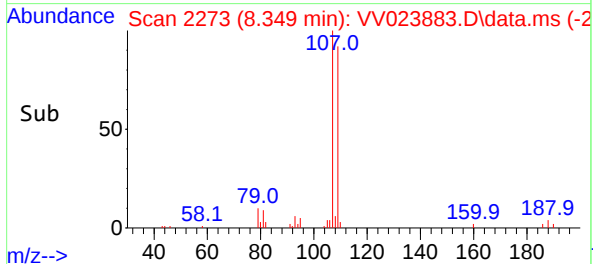
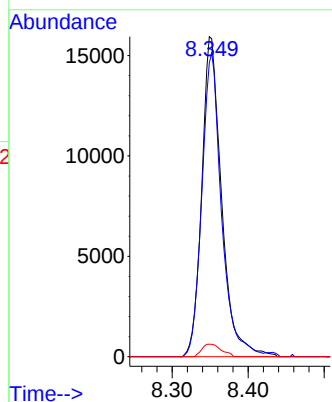


#50
1,2-Dibromoethane
Concen: 5.417 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Instrument :
MSVOA_V
ClientSampleId :

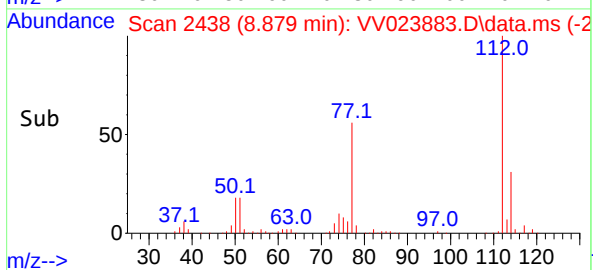
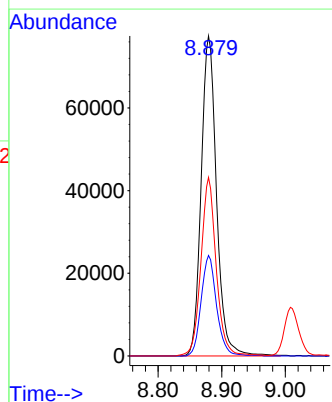
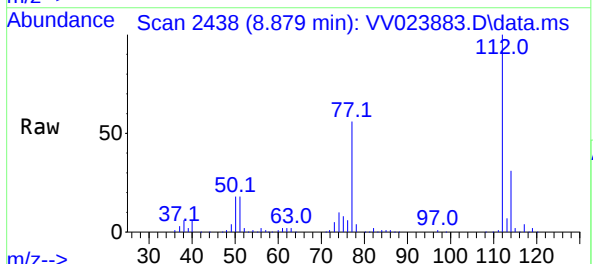


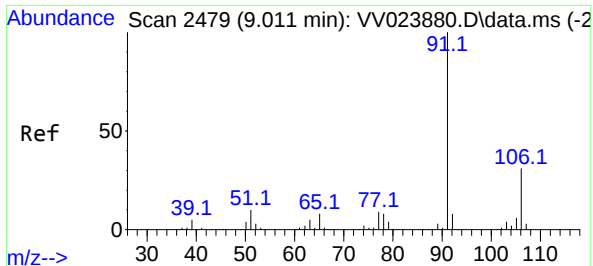
Tgt Ion:107 Resp: 28900
Ion Ratio Lower Upper
107 100
109 91.8 62.5 116.1
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 5.282 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion:112 Resp: 129846
Ion Ratio Lower Upper
112 100
114 31.4 23.3 43.3
77 55.8 43.3 64.9

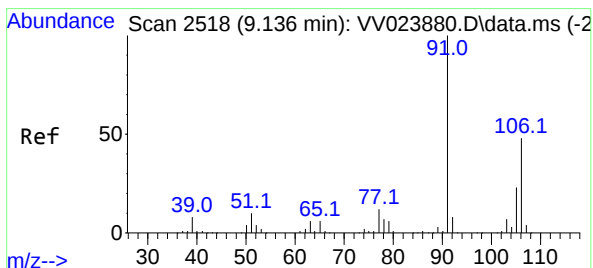
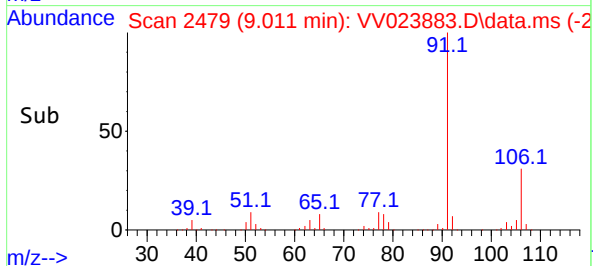
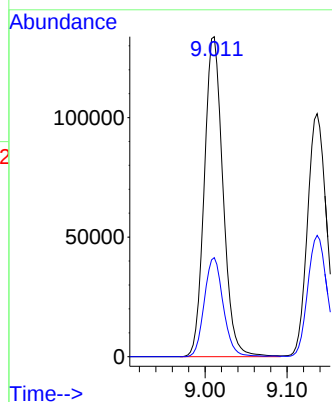
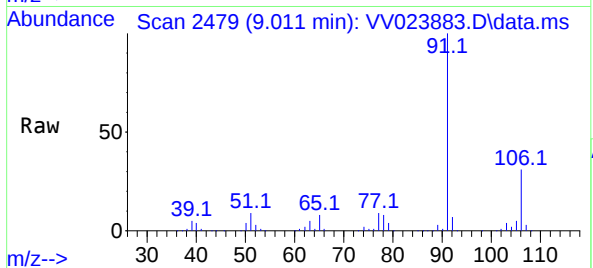




#52
Ethylbenzene
Concen: 5.447 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

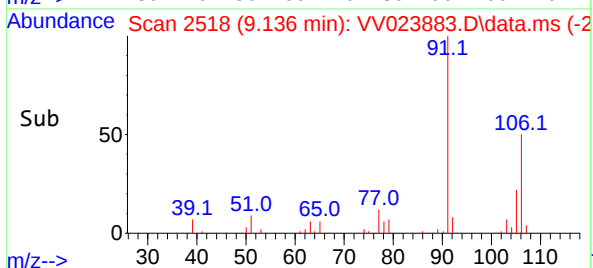
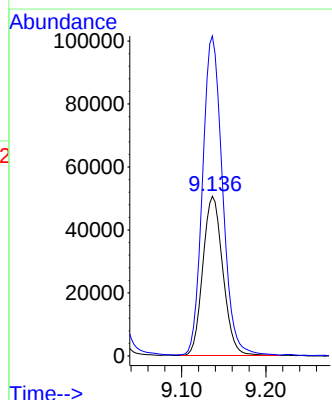
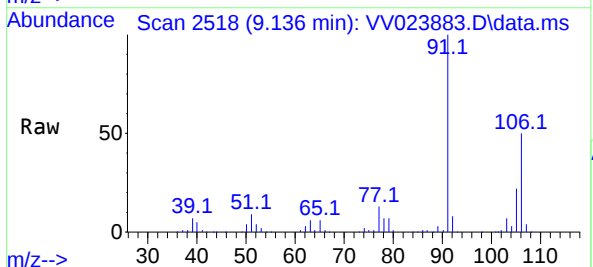
Instrument :
MSVOA_V
ClientSampleId :

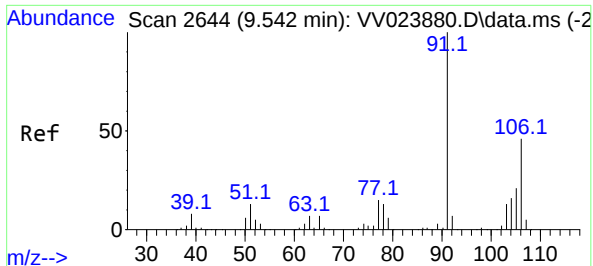
Tgt Ion: 91 Resp: 211385
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0



#53
m,p-xylene
Concen: 5.457 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion: 106 Resp: 83743
Ion Ratio Lower Upper
106 100
91 200.4 139.5 259.1

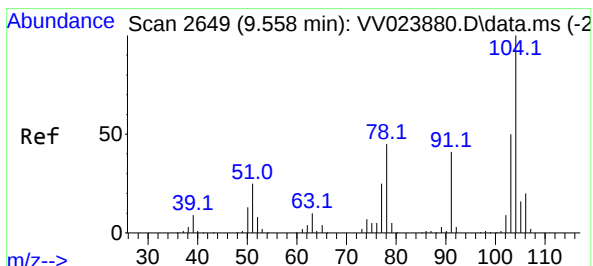
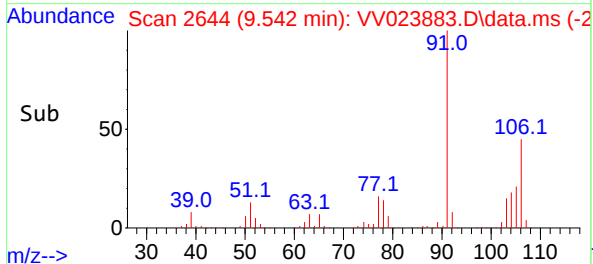
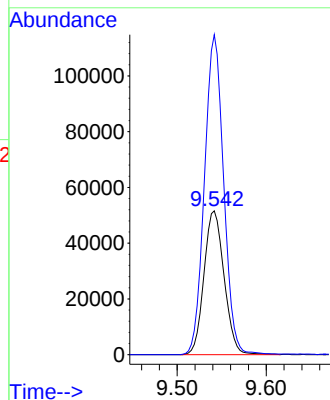
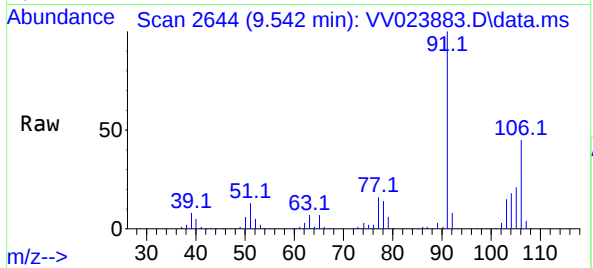




#54
o-xylene
Concen: 5.455 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

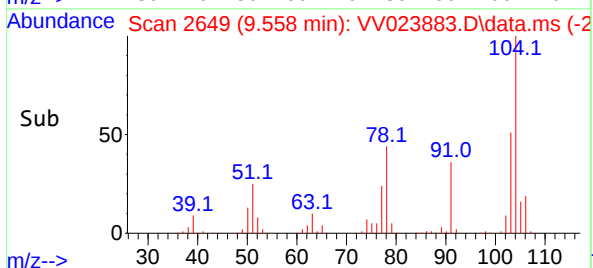
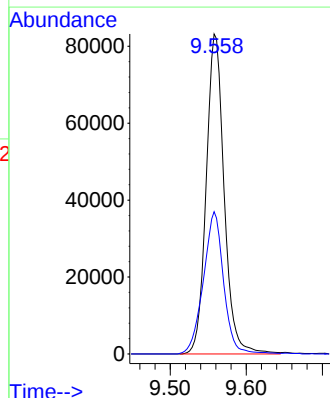
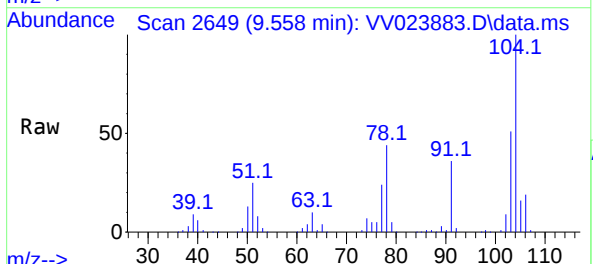
Instrument :
MSVOA_V
ClientSampleId :

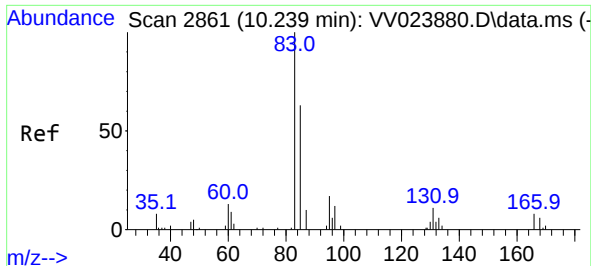
Tgt Ion:106 Resp: 80964
Ion Ratio Lower Upper
106 100
91 222.5 147.9 274.7



#55
Styrene
Concen: 5.524 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion:104 Resp: 136487
Ion Ratio Lower Upper
104 100
78 44.5 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.138 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV023883.D

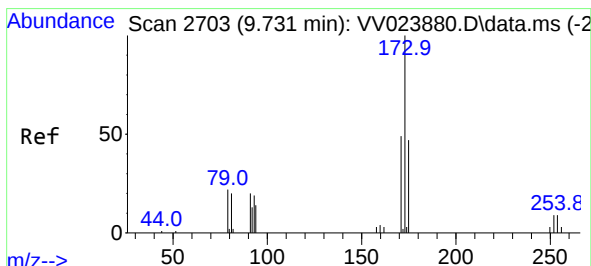
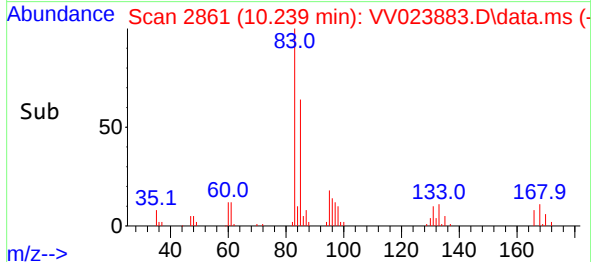
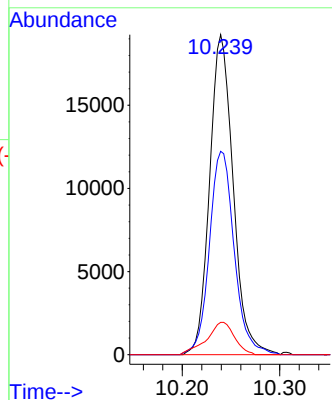
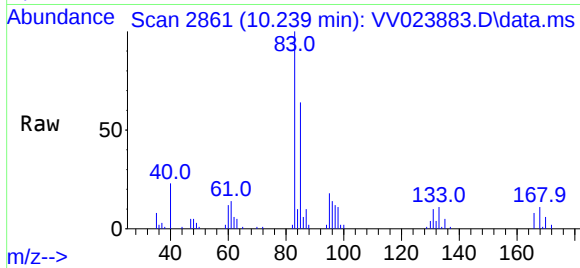
Acq: 10 Dec 2021 13:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	32334
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.6	82.8
131	10.1	8.3	12.5



#59

Bromoform

Concen: 5.221 ug/L

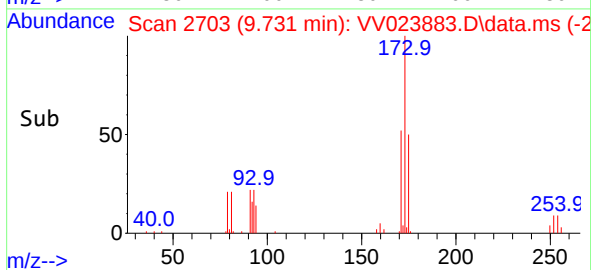
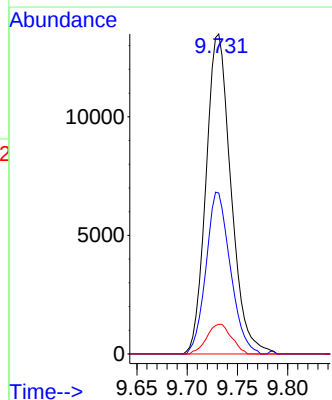
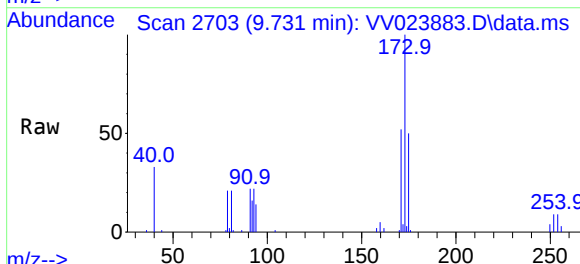
RT: 9.731 min Scan# 2703

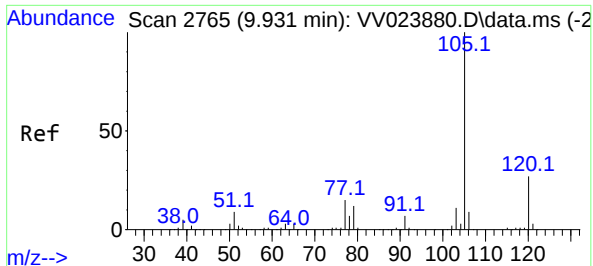
Delta R.T. 0.000 min

Lab File: VV023883.D

Acq: 10 Dec 2021 13:47

Tgt Ion:	173	Resp:	23314
Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.4	59.2
254	9.1	7.4	11.0

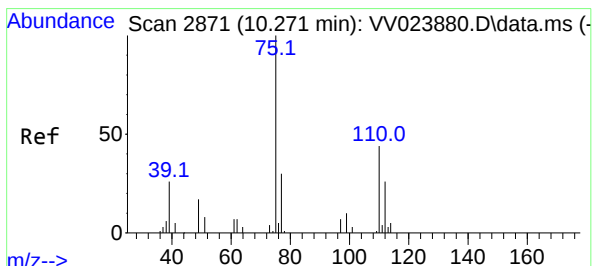
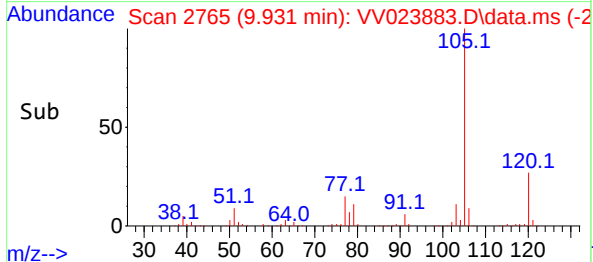
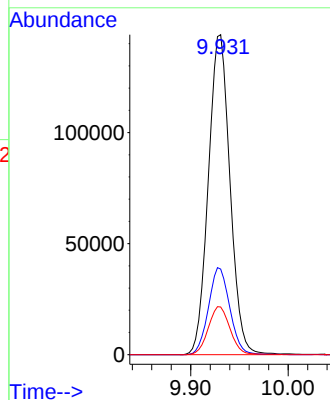
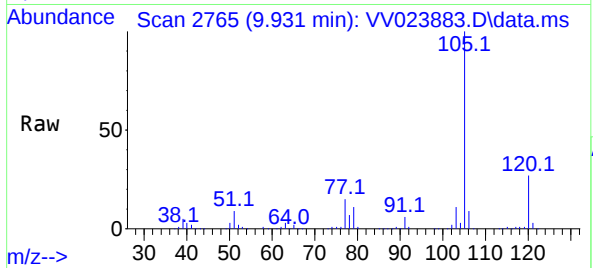




#60
Isopropylbenzene
Concen: 5.441 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

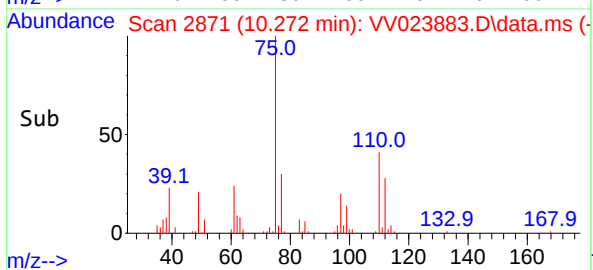
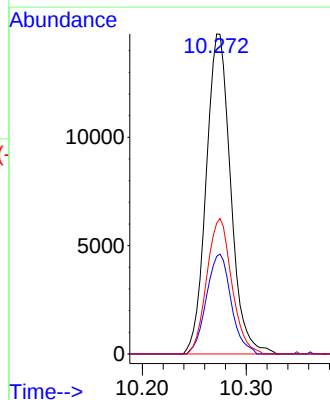
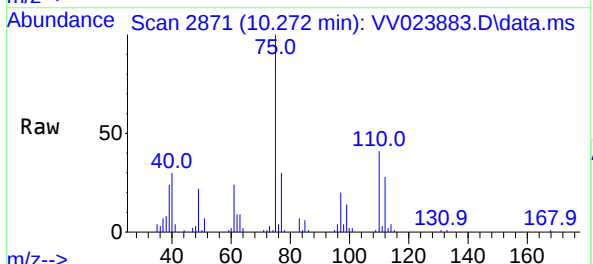
Instrument :
MSVOA_V
ClientSampleId :

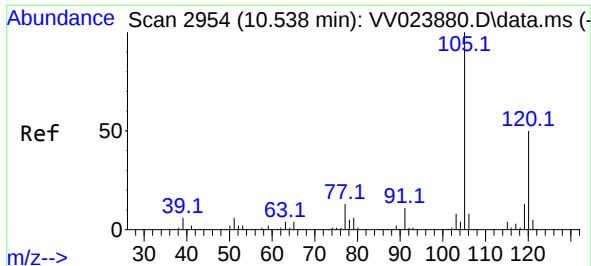
Tgt Ion:105 Resp: 222257
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.103 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion: 75 Resp: 24188
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 43.2 34.2 51.2

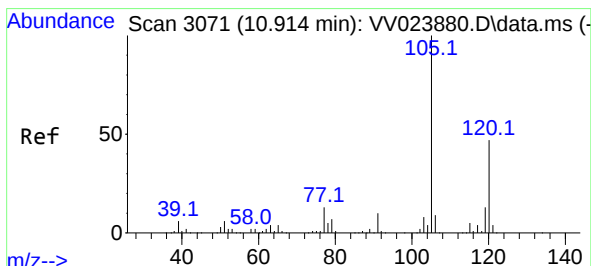
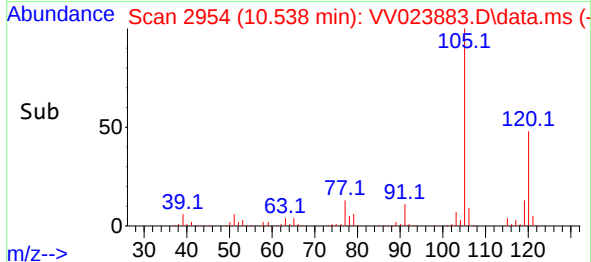
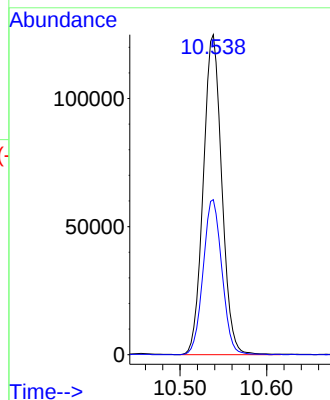
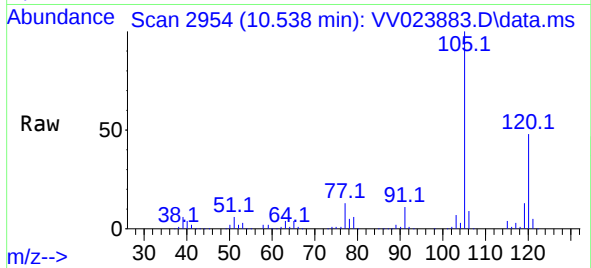




#62
1,3,5-Trimethylbenzene
Concen: 5.478 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

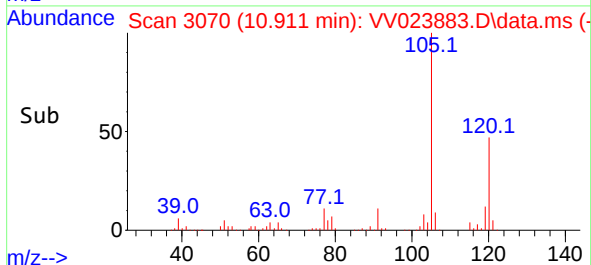
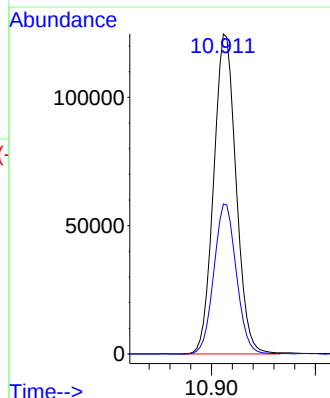
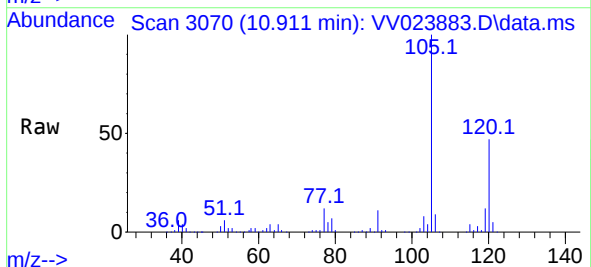
Instrument :
MSVOA_V
ClientSampleId :

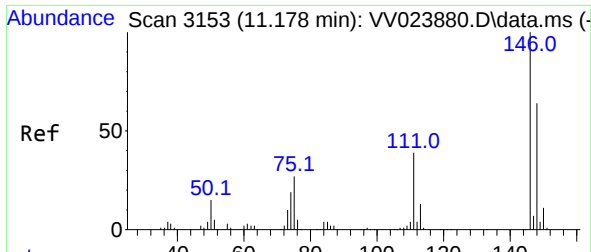
Tgt Ion:105 Resp: 185627
Ion Ratio Lower Upper
105 100
120 49.2 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.531 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.003 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion:105 Resp: 186724
Ion Ratio Lower Upper
105 100
120 47.1 36.7 55.1

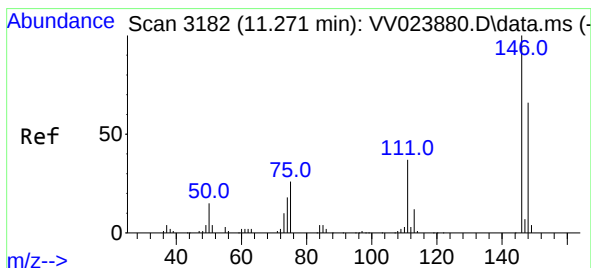
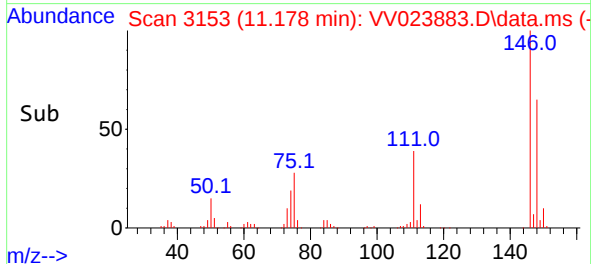
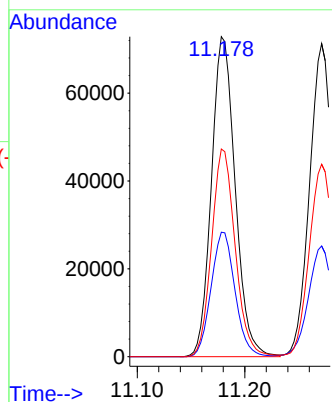
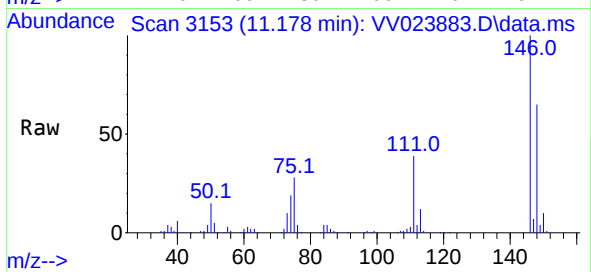




#64
1,3-Dichlorobenzene
Concen: 5.356 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

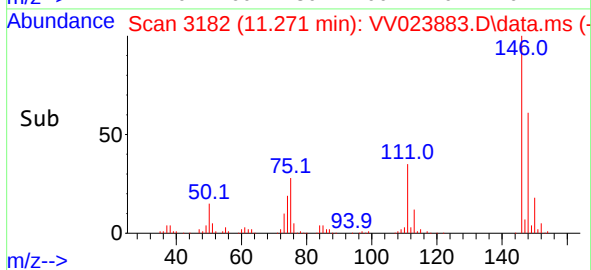
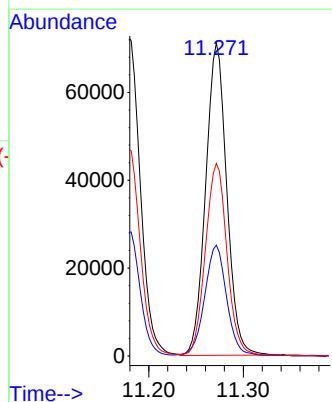
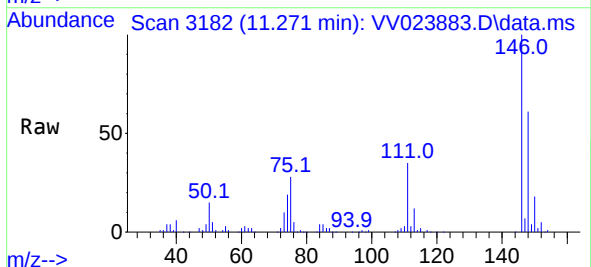
Instrument :
MSVOA_V
ClientSampleId :

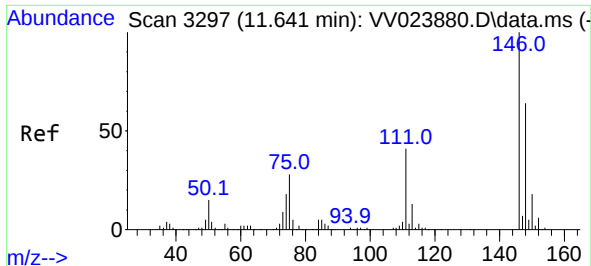
Tgt Ion:146 Resp: 111908
Ion Ratio Lower Upper
146 100
111 38.9 26.3 48.9
148 64.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.253 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion:146 Resp: 110225
Ion Ratio Lower Upper
146 100
111 35.4 25.6 47.6
148 61.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.225 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023883.D

Acq: 10 Dec 2021 13:47

Instrument :

MSVOA_V

ClientSampleId :

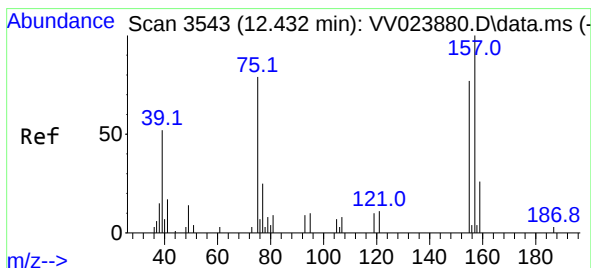
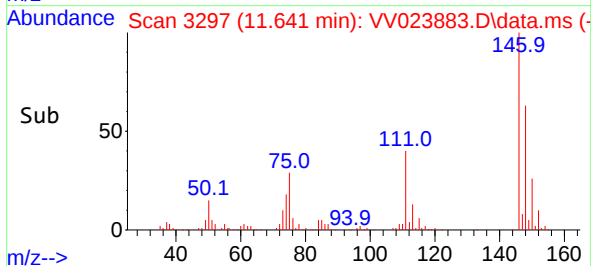
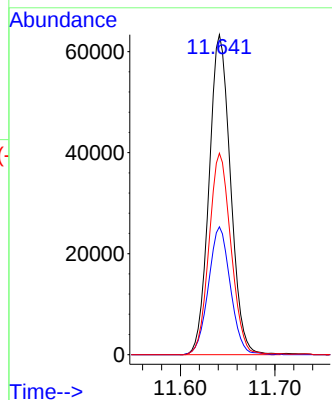
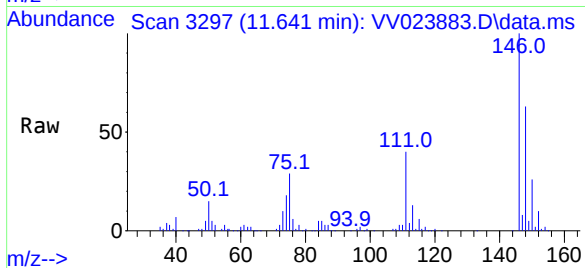
Tgt Ion:146 Resp: 100012

Ion Ratio Lower Upper

146 100

111 40.0 31.9 47.9

148 63.0 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.279 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.003 min

Lab File: VV023883.D

Acq: 10 Dec 2021 13:47

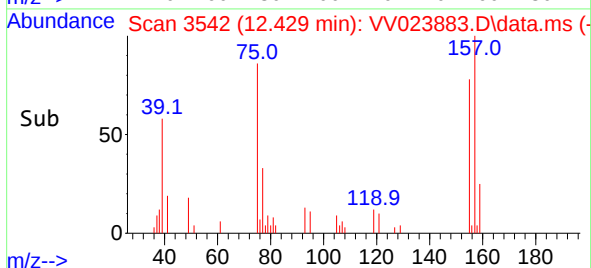
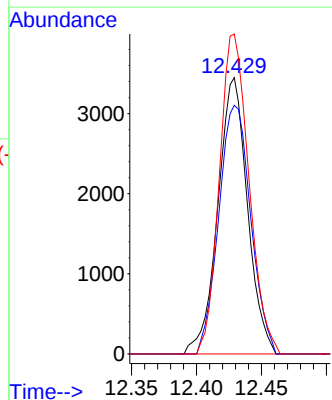
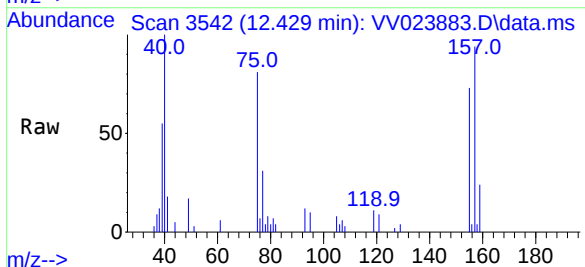
Tgt Ion: 75 Resp: 5465

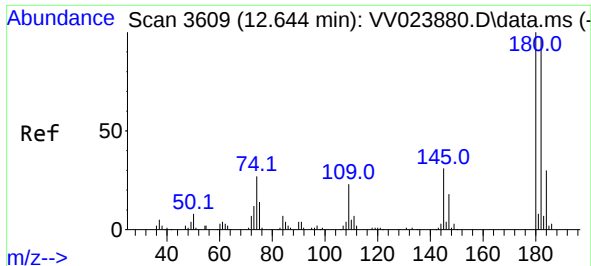
Ion Ratio Lower Upper

75 100

155 90.0 71.7 107.5

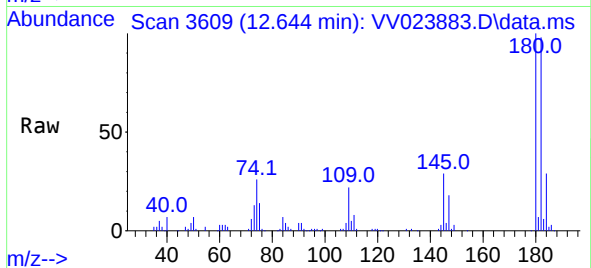
157 115.8 103.3 154.9



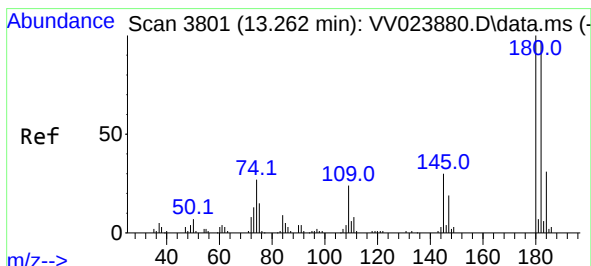
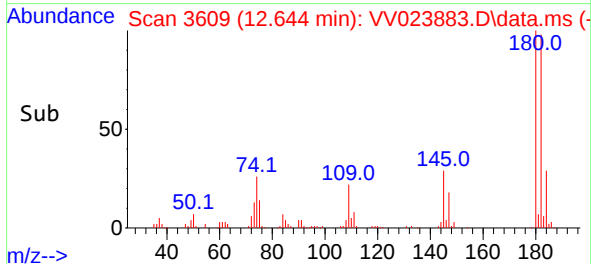
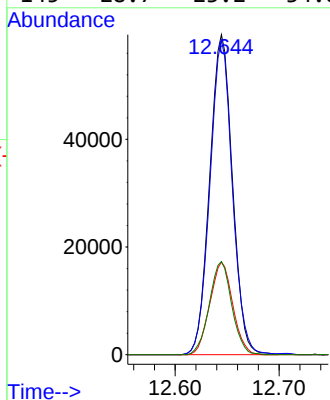


#69
1,3,5-Trichlorobenzene
Concen: 5.251 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Instrument :
MSVOA_V
ClientSampleId :

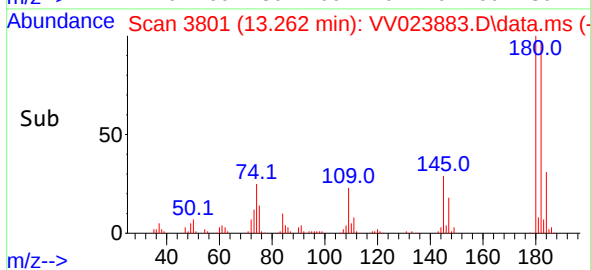
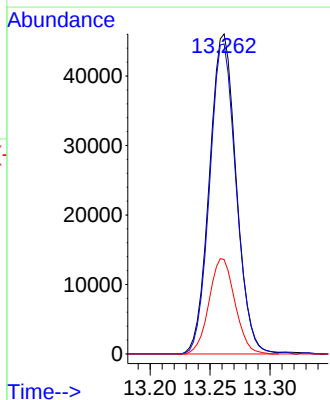
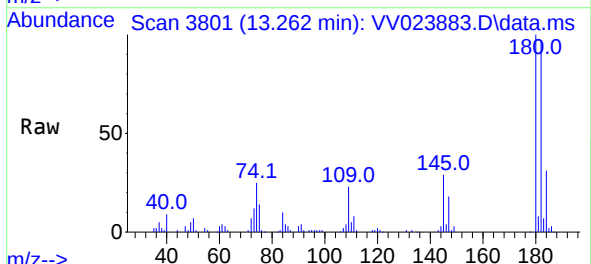


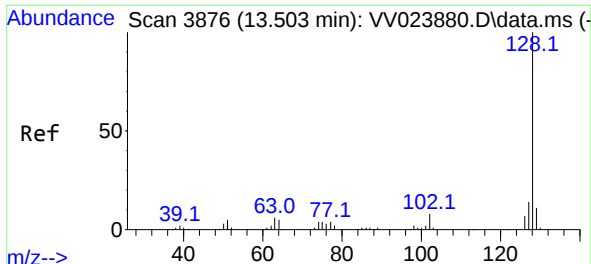
Tgt Ion:180 Resp: 90235
Ion Ratio Lower Upper
180 100
182 97.1 76.4 114.6
184 29.1 24.2 36.4
145 28.7 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 5.300 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

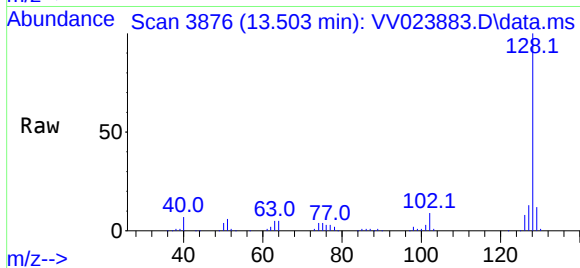
Tgt Ion:180 Resp: 71525
Ion Ratio Lower Upper
180 100
182 96.0 74.4 111.6
145 28.7 23.3 34.9



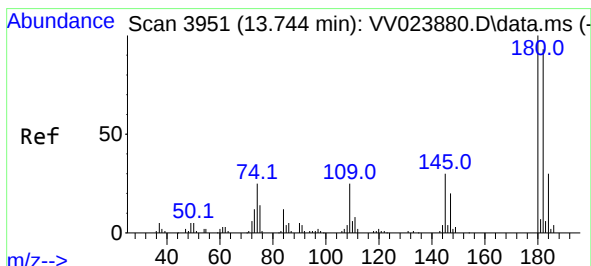
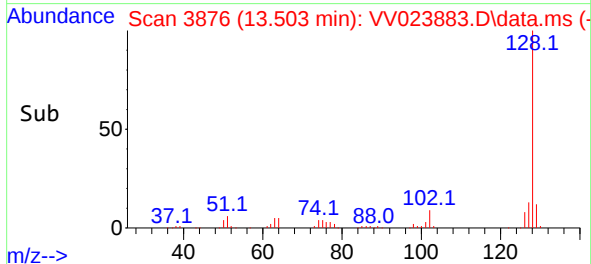
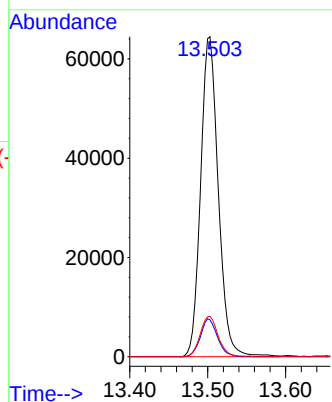


#71
Naphthalene
Concen: 5.227 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 101385
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.359 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023883.D
Acq: 10 Dec 2021 13:47

Tgt Ion:180 Resp: 63858
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 31.2 25.8 38.6

