

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026877.D
 Acq On : 09 Feb 2022 18:30
 Operator : JC/MD
 Sample : N1438-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 01:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

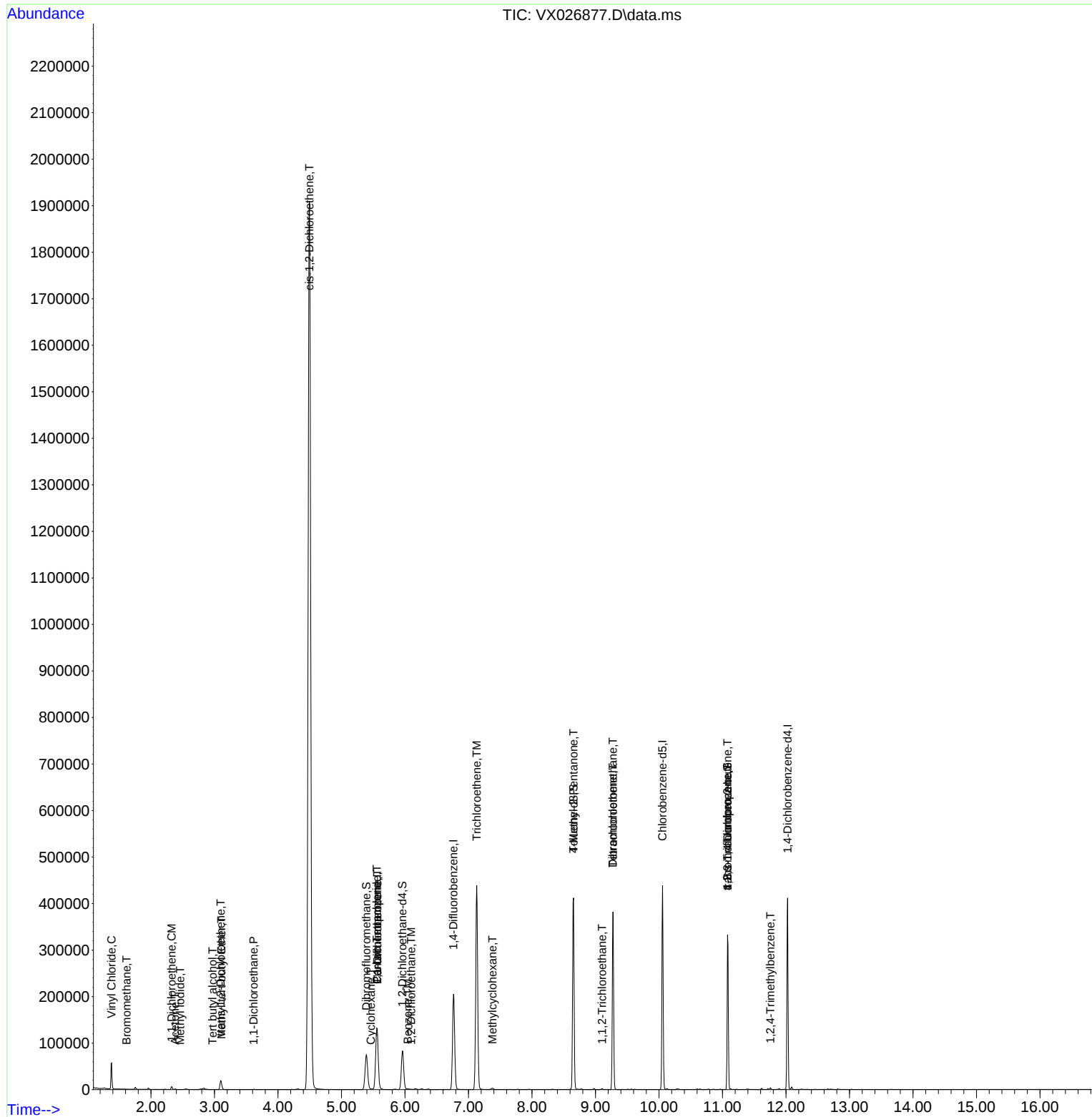
Internal Standards						
1) Pentafluorobenzene	5.562	168	126752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80854	53.140	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.280%	
35) Dibromofluoromethane	5.391	113	65282	52.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.180%	
50) Toluene-d8	8.653	98	247168	53.726	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	11.079	95	92331	57.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.000%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.380	62	35287	26.291	ug/l	100
5) Bromomethane	1.618	94	134	0.235	ug/l	92
10) Methyl Iodide	2.459	142	43	2.277	ug/l #	37
11) Tert butyl alcohol	2.971	59	151	0.549	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	2110	1.627	ug/l	94
16) Acetone	2.380	43	1586	2.373	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	933	0.203	ug/l #	1
21) trans-1,2-Dichloroethene	3.099	96	6401	4.689	ug/l	93
24) 1,1-Dichloroethane	3.617	63	775	0.310	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	1232030	786.094	ug/l	88
31) Cyclohexane	5.465	56	947	0.392	ug/l	85
36) 1,1-Dichloropropene	5.562	75	9472	4.791	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13245	6.388	ug/l #	18
39) Methylcyclohexane	7.379	83	1243	0.513	ug/l #	90
40) Benzene	6.044	78	1903	0.330	ug/l #	89
42) 1,2-Dichloroethane	6.099	62	1009	0.497	ug/l	87
44) Trichloroethene	7.129	130	165933	95.903	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	1100	0.525	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	761	0.551	ug/l #	15
60) Dibromochloromethane	9.275	129	68270	48.039	ug/l #	11
64) Tetrachloroethene	9.275	164	69918	36.045	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	45827	25.244	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45827	76.965	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1725	0.318	ug/l	96

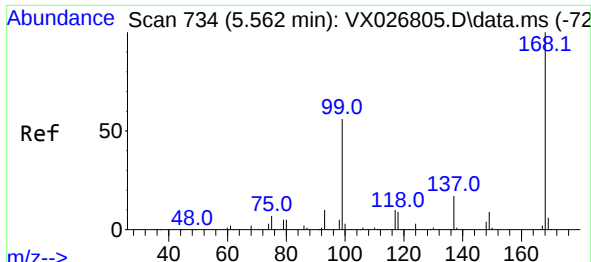
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
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Instrument :
MSVOA_X
ClientSampleId :

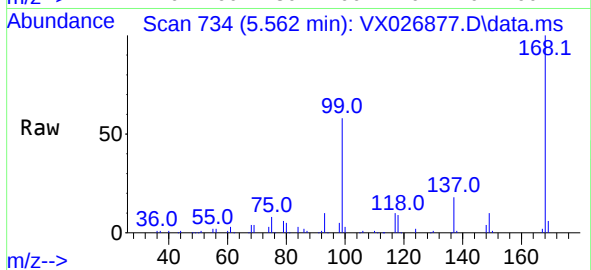
Quant Time: Feb 10 01:09:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



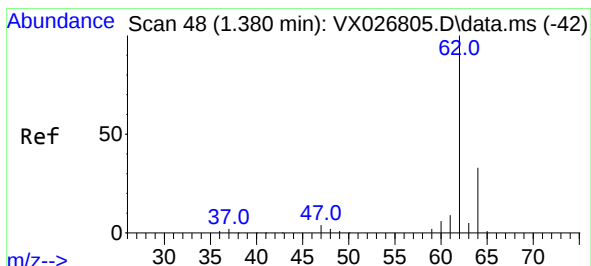
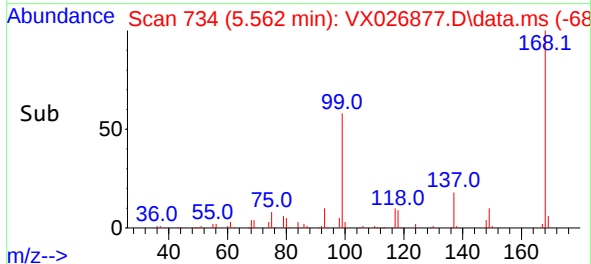
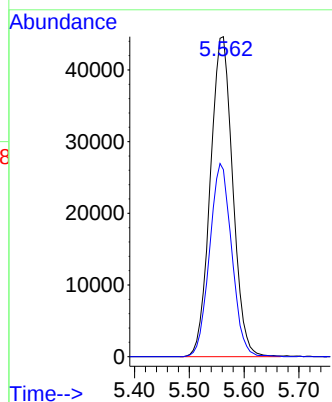


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

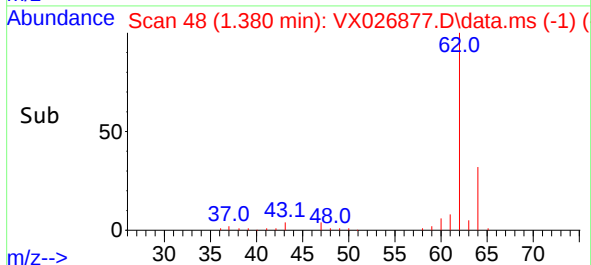
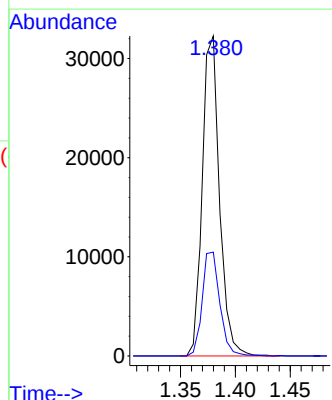
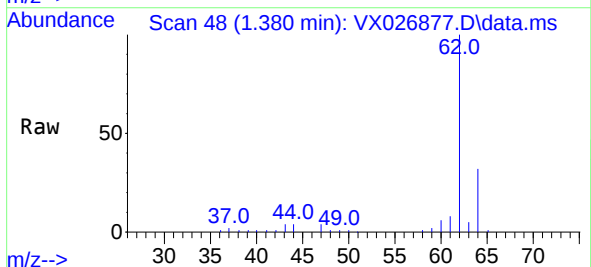


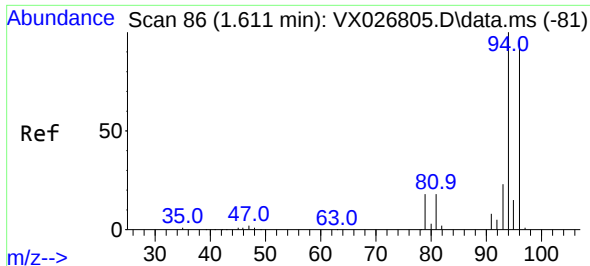
Tgt Ion:168 Resp: 126752
Ion Ratio Lower Upper
168 100
99 58.4 50.3 75.5



#4
Vinyl Chloride
Concen: 26.291 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

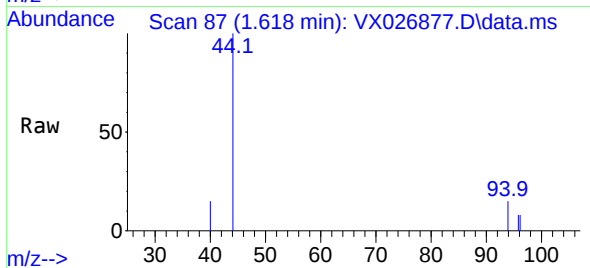
Tgt Ion: 62 Resp: 35287
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2



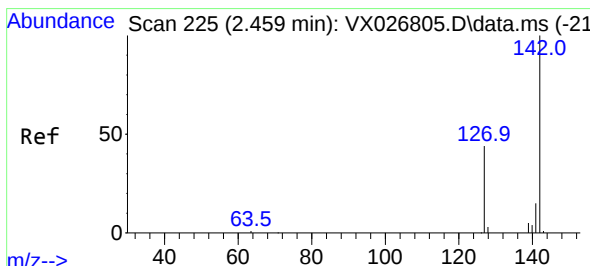
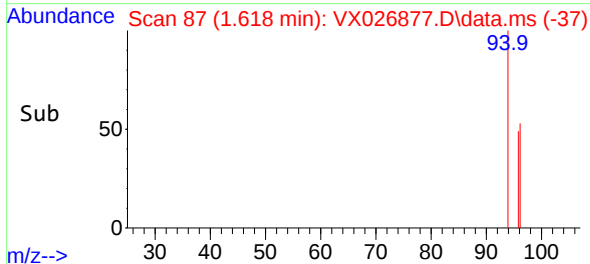
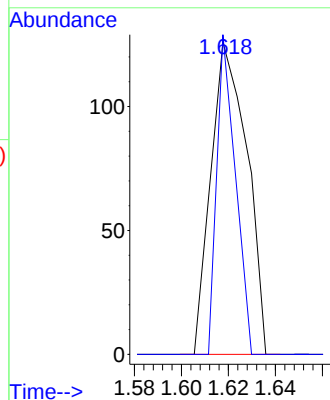


#5
Bromomethane
Concen: 0.235 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

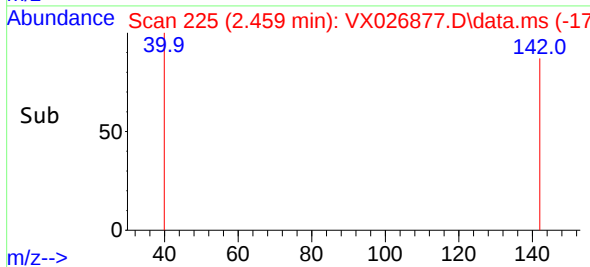
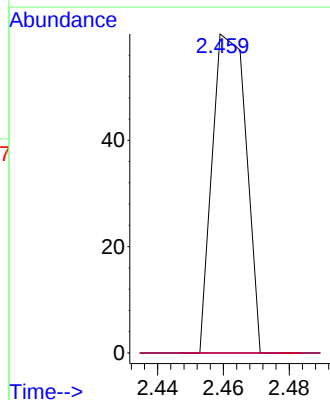
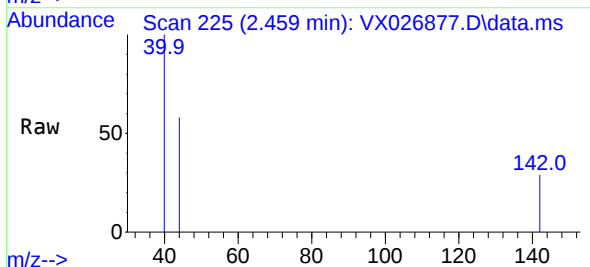


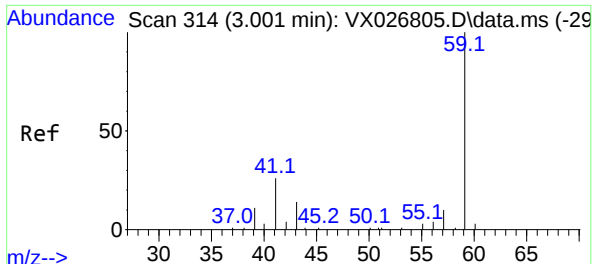
Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 102.4 75.9 113.9



#10
Methyl Iodide
Concen: 2.277 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 142 Resp: 43
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.549 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.030 min

Lab File: VX026877.D

Acq: 09 Feb 2022 18:30

Instrument :

MSVOA_X

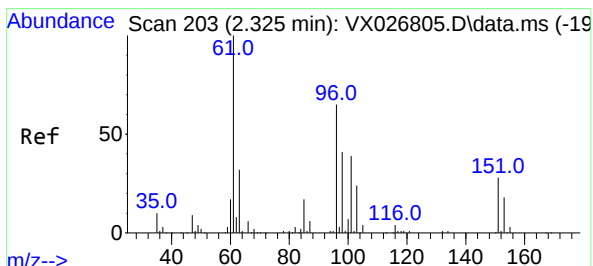
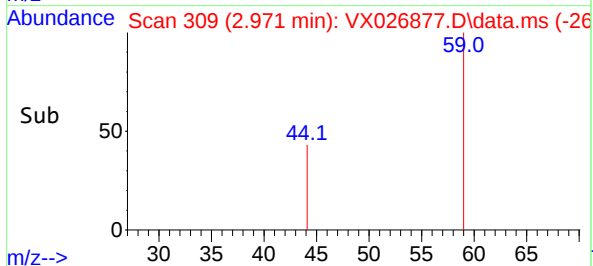
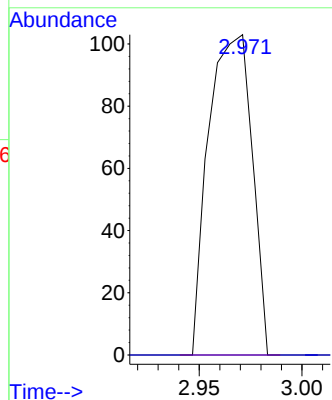
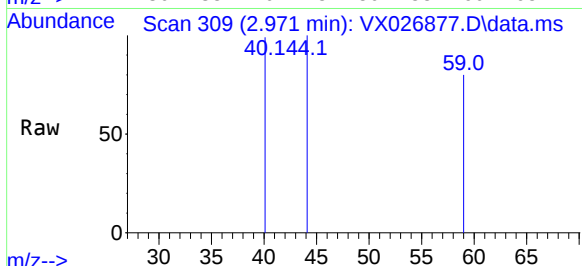
ClientSampleId :

Tgt Ion: 59 Resp: 151

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#12

1,1-Dichloroethene

Concen: 1.627 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026877.D

Acq: 09 Feb 2022 18:30

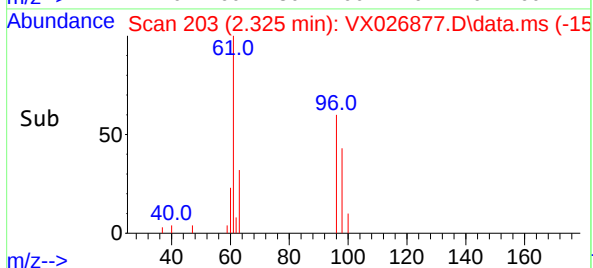
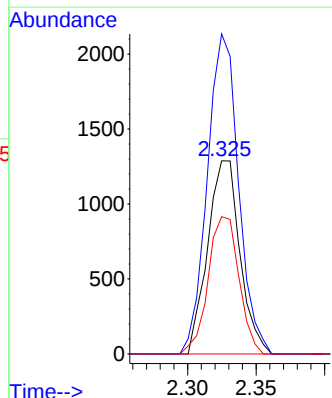
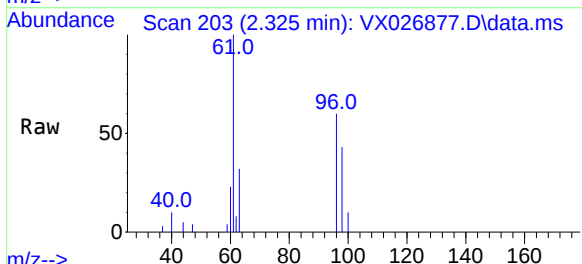
Tgt Ion: 96 Resp: 2110

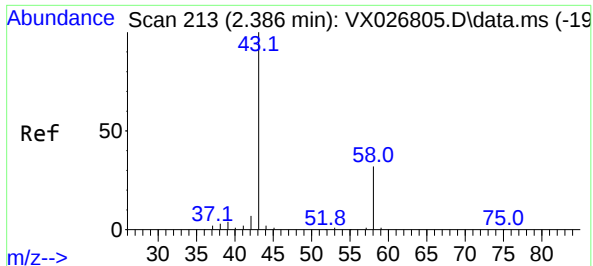
Ion Ratio Lower Upper

96 100

61 165.7 138.5 207.7

98 71.0 51.8 77.6

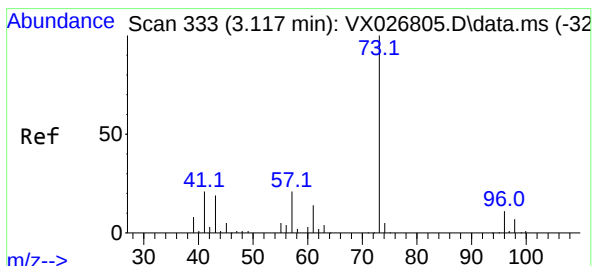
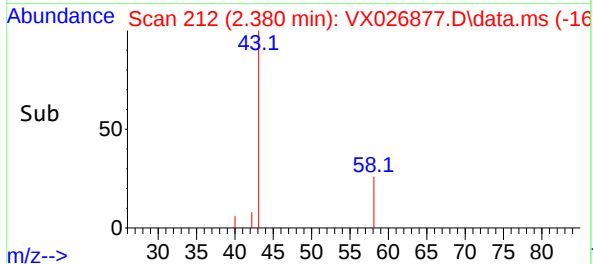
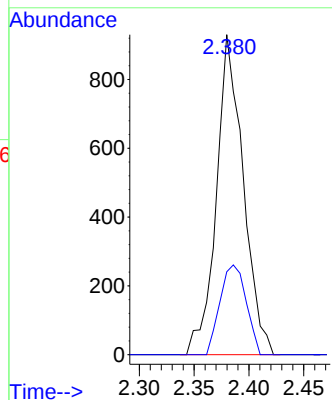
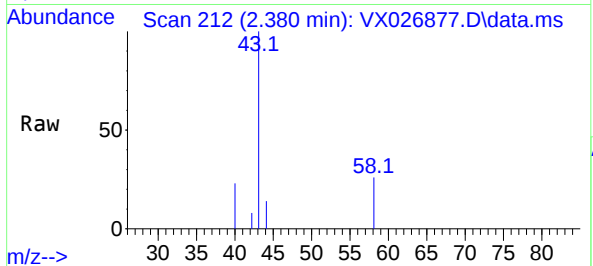




#16
Acetone
Concen: 2.373 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

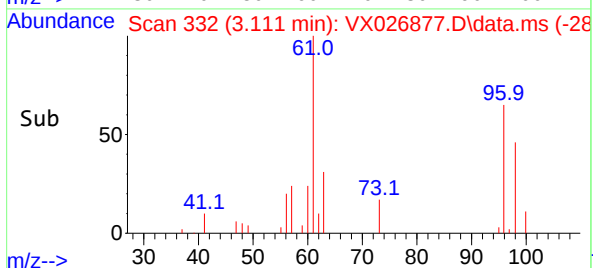
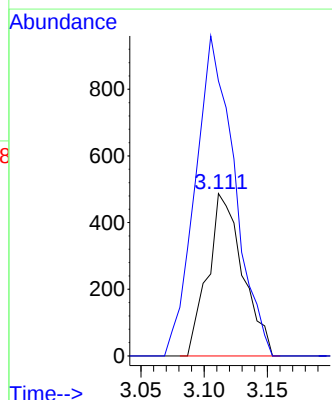
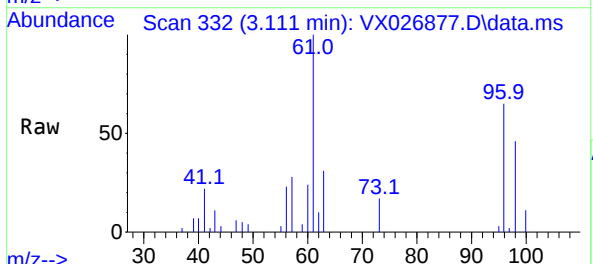
Instrument :
MSVOA_X
ClientSampleId :

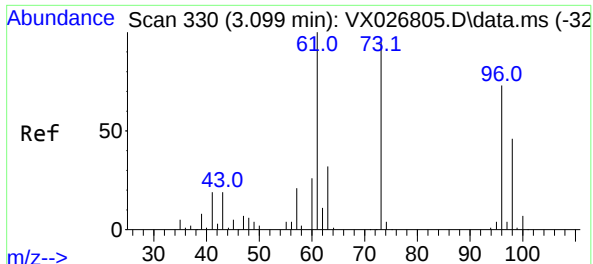
Tgt Ion: 43 Resp: 1586
Ion Ratio Lower Upper
43 100
58 25.9 23.0 34.6



#19
Methyl tert-butyl Ether
Concen: 0.203 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 73 Resp: 933
Ion Ratio Lower Upper
73 100
57 169.4 17.4 26.2#





#21

trans-1,2-Dichloroethene

Concen: 4.689 ug/l

RT: 3.099 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX026877.D

Acq: 09 Feb 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

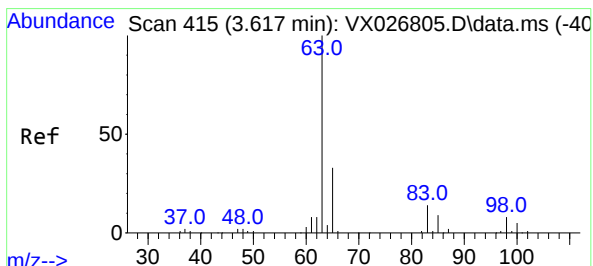
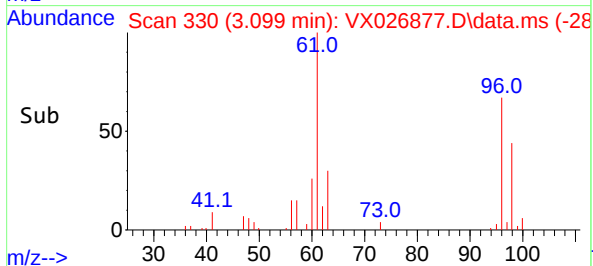
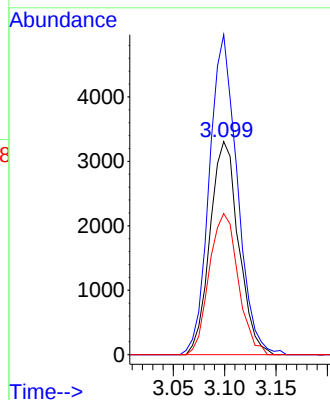
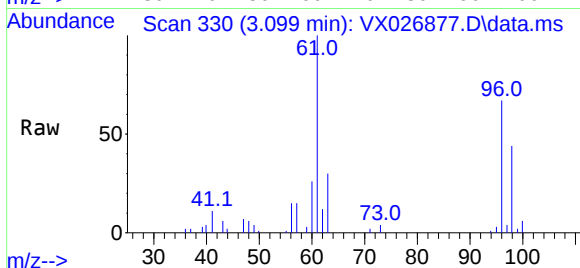
Tgt Ion: 96 Resp: 6401

Ion Ratio Lower Upper

96 100

61 150.1 112.9 169.3

98 66.2 49.5 74.3



#24

1,1-Dichloroethane

Concen: 0.310 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX026877.D

Acq: 09 Feb 2022 18:30

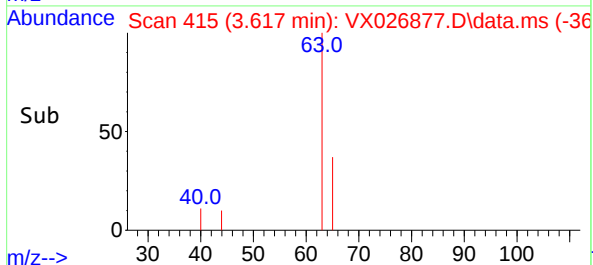
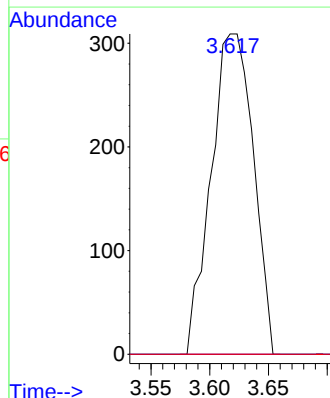
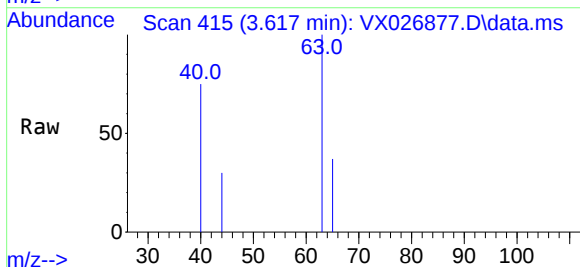
Tgt Ion: 63 Resp: 775

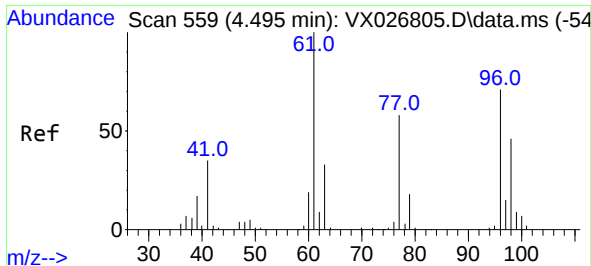
Ion Ratio Lower Upper

63 100

98 0.0 3.7 11.1#

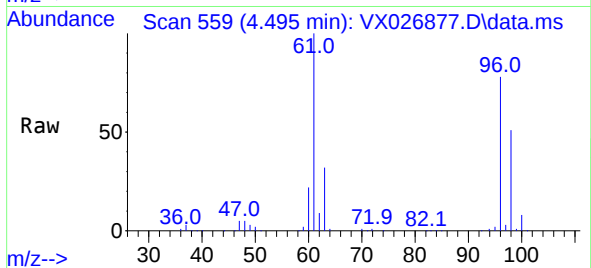
100 0.0 2.4 7.2#





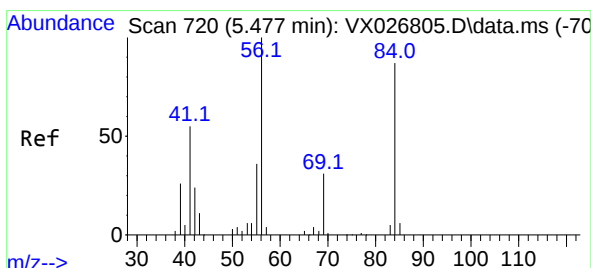
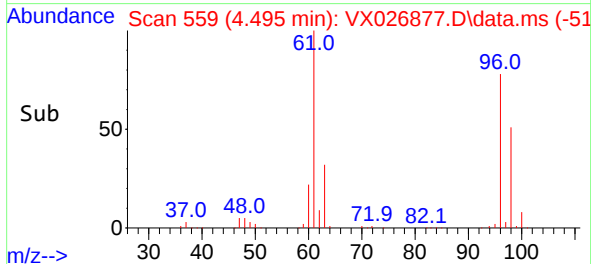
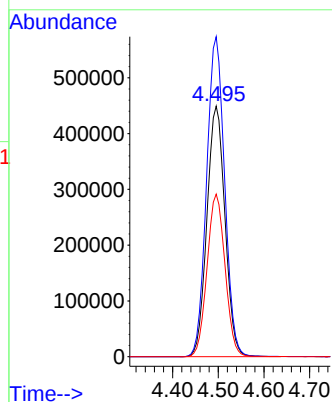
#27
cis-1,2-Dichloroethene
Concen: 786.094 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 1232030

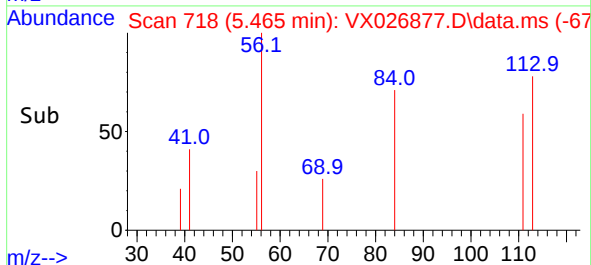
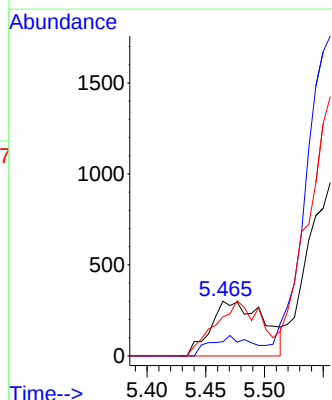
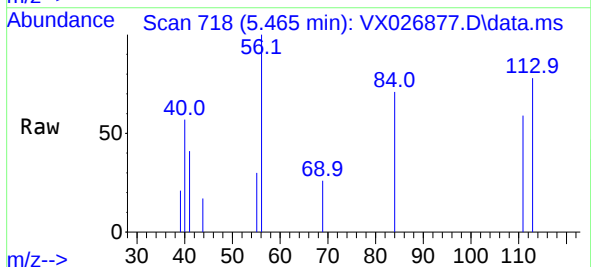
Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	296.6
98	64.6	0.0	128.8

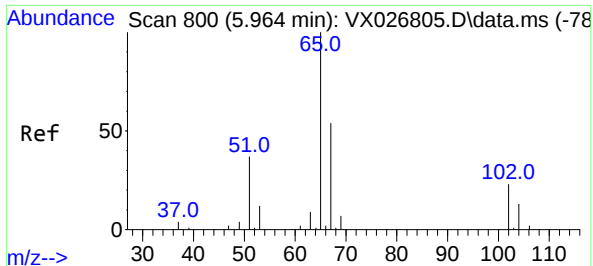


#31
Cyclohexane
Concen: 0.392 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 56 Resp: 947

Ion	Ratio	Lower	Upper
56	100		
69	26.0	25.8	38.6
84	71.3	68.9	103.3





#33

1,2-Dichloroethane-d4

Concen: 53.140 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026877.D

Acq: 09 Feb 2022 18:30

Instrument :

MSVOA_X

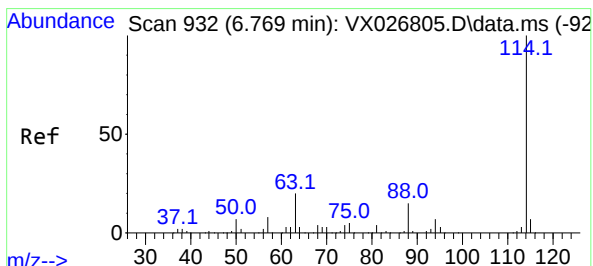
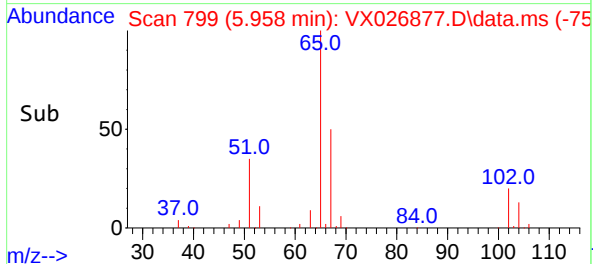
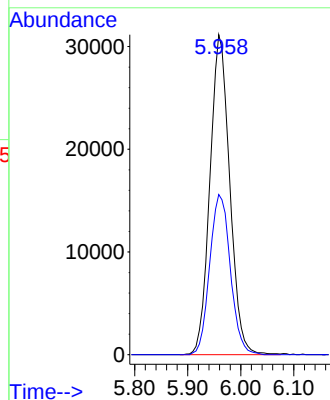
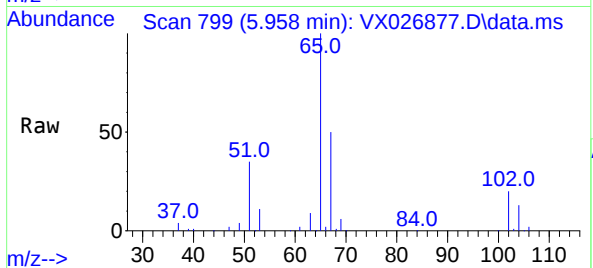
ClientSampleId :

Tgt Ion: 65 Resp: 80854

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026877.D

Acq: 09 Feb 2022 18:30

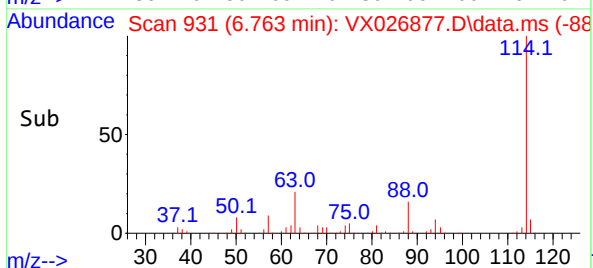
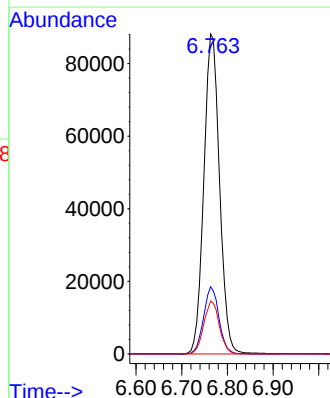
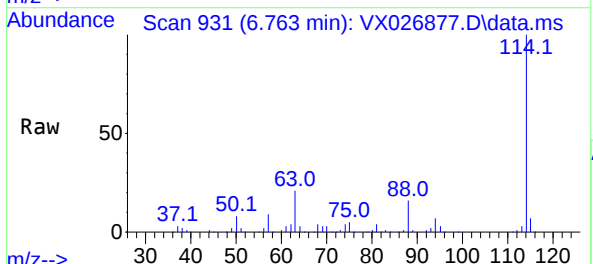
Tgt Ion: 114 Resp: 210365

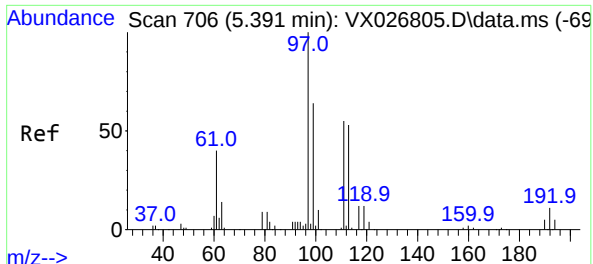
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

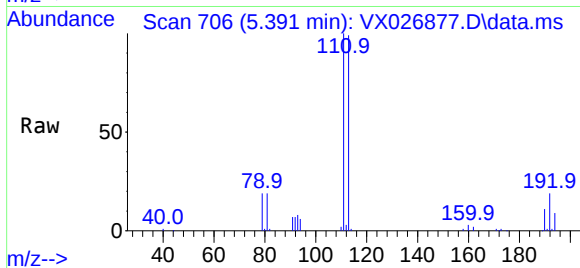
88 16.5 0.0 33.0



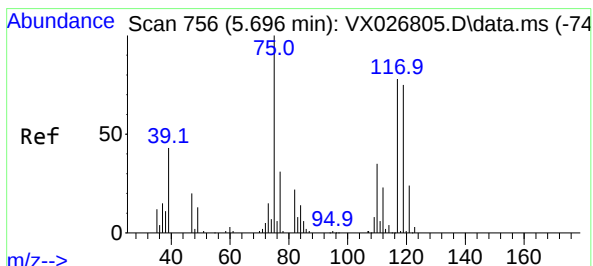
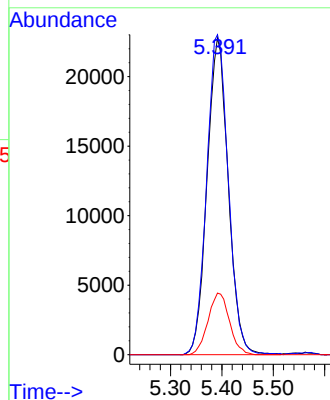
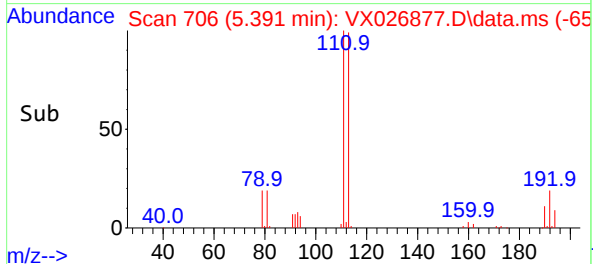


#35
Dibromofluoromethane
Concen: 52.088 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

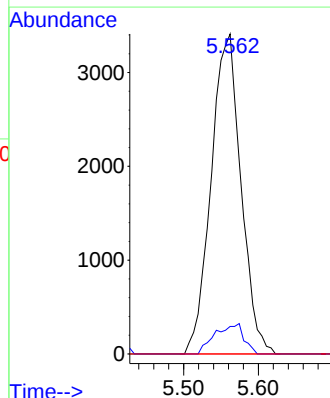
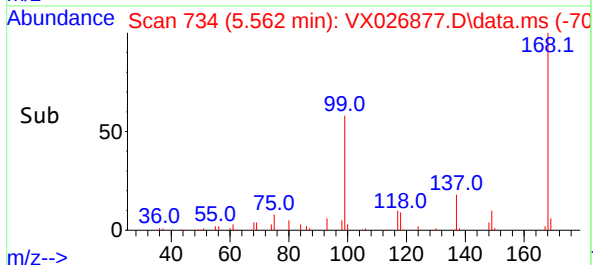
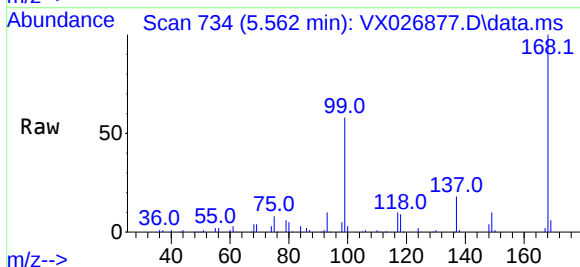


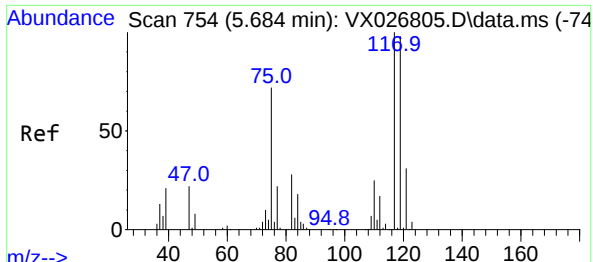
Tgt Ion:113 Resp: 65282
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 19.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

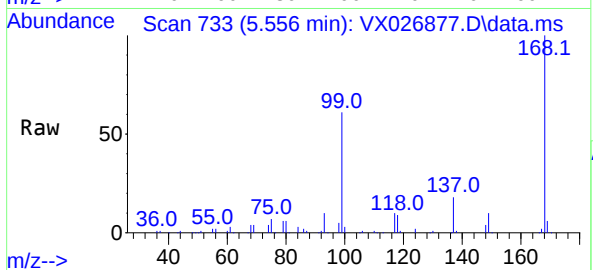
Tgt Ion: 75 Resp: 9472
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.6#
77 0.0 24.6 36.8#



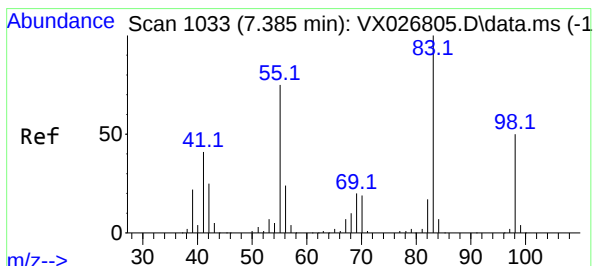
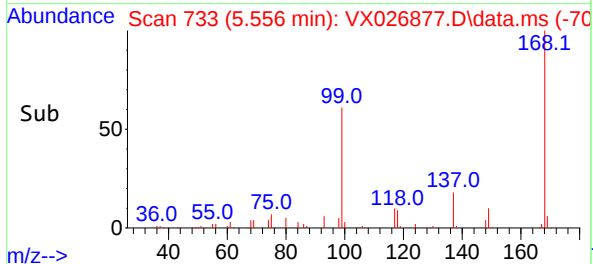
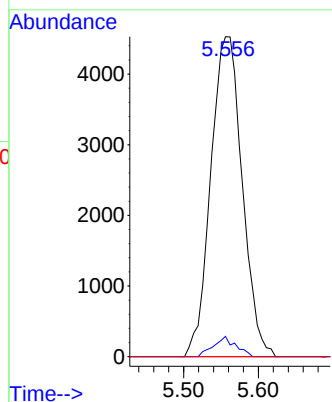


#38
Carbon Tetrachloride
Concen: 6.388 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

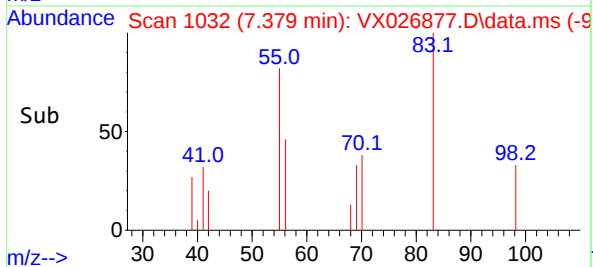
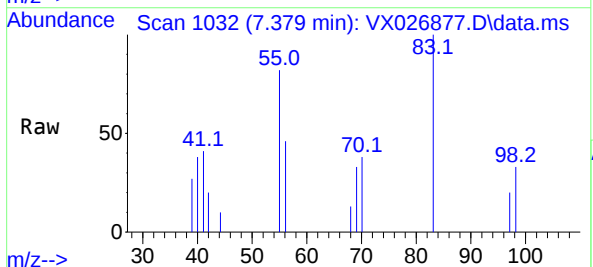
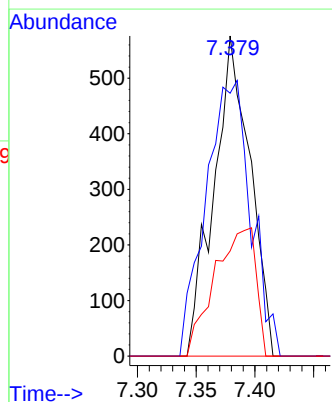


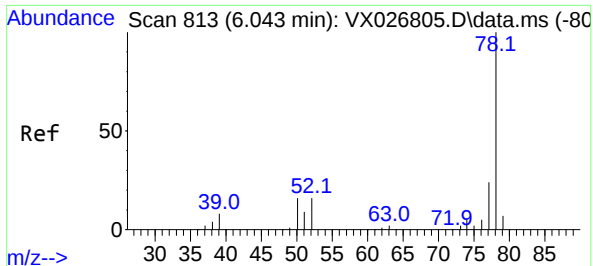
Tgt Ion:117 Resp: 13245
Ion Ratio Lower Upper
117 100
119 6.3 74.7 112.1#
121 0.0 25.4 38.0#



#39
Methylcyclohexane
Concen: 0.513 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 83 Resp: 1243
Ion Ratio Lower Upper
83 100
55 82.1 63.6 95.4
98 32.8 38.4 57.6#





#40

Benzene

Concen: 0.330 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX026877.D

Acq: 09 Feb 2022 18:30

Instrument :

MSVOA_X

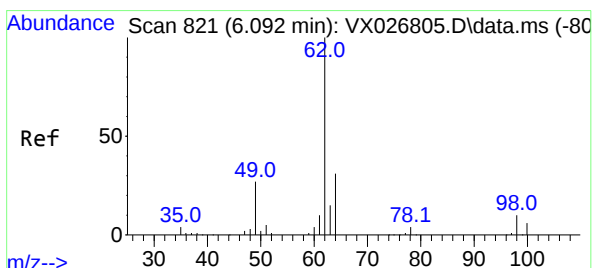
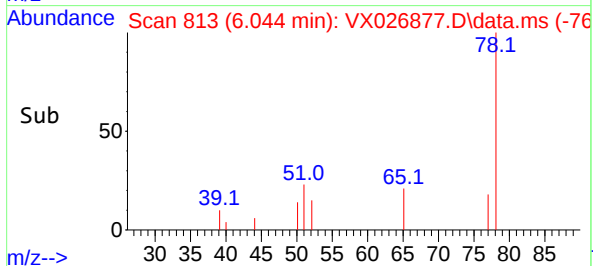
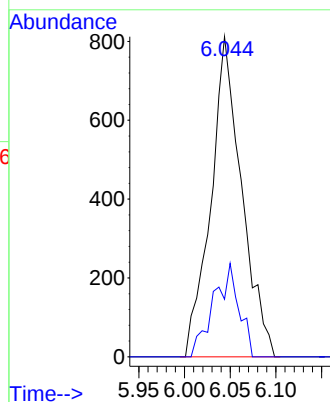
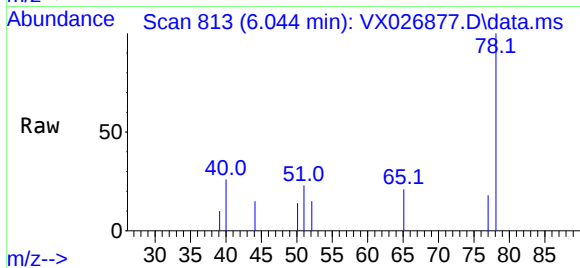
ClientSampleId :

Tgt Ion: 78 Resp: 1903

Ion Ratio Lower Upper

78 100

77 18.0 18.9 28.3#



#42

1,2-Dichloroethane

Concen: 0.497 ug/l

RT: 6.099 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX026877.D

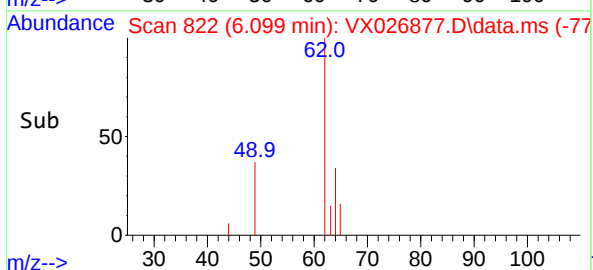
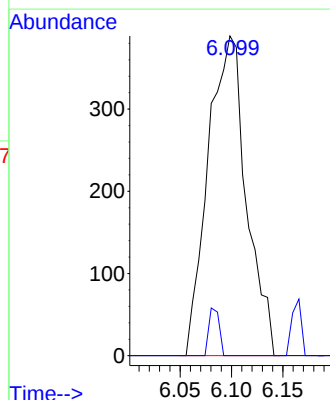
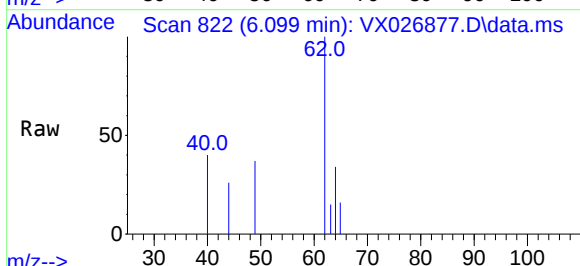
Acq: 09 Feb 2022 18:30

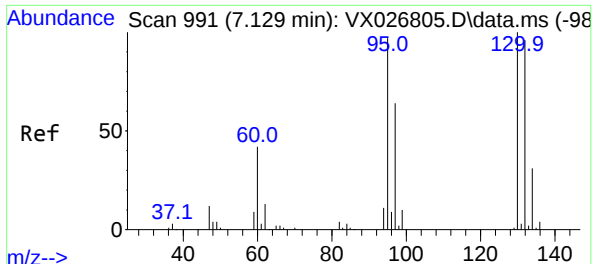
Tgt Ion: 62 Resp: 1009

Ion Ratio Lower Upper

62 100

98 4.1 0.0 17.8

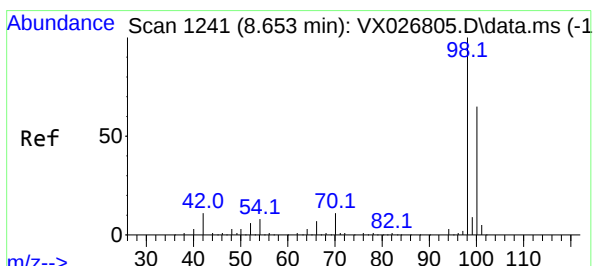
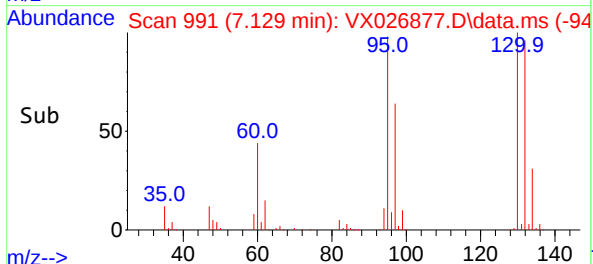
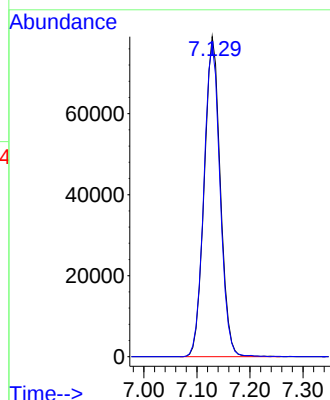
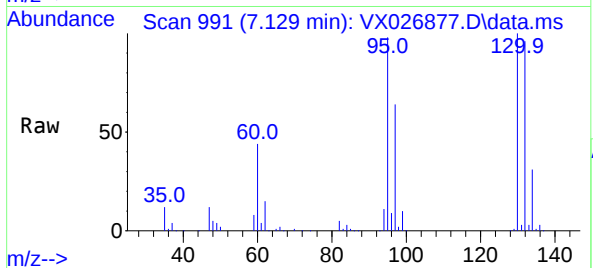




#44
Trichloroethene
Concen: 95.903 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

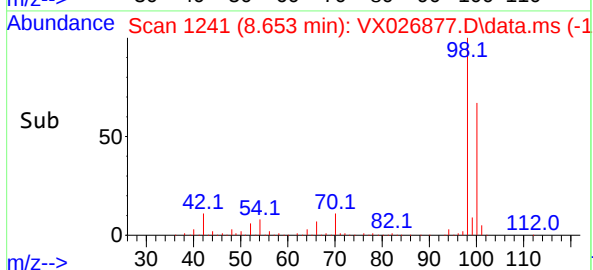
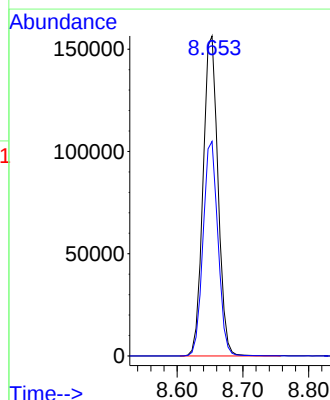
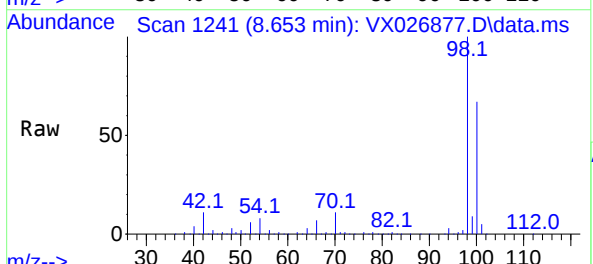
Instrument :
MSVOA_X
ClientSampleId :

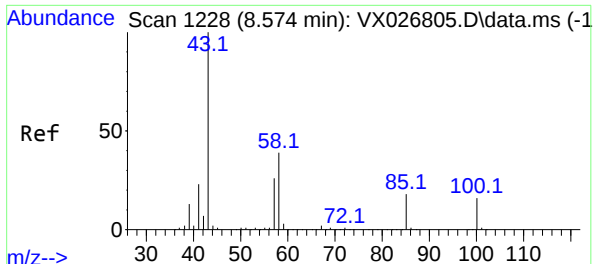
Tgt Ion:130 Resp: 165933
Ion Ratio Lower Upper
130 100
95 97.6 0.0 202.6



#50
Toluene-d8
Concen: 53.726 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 98 Resp: 247168
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

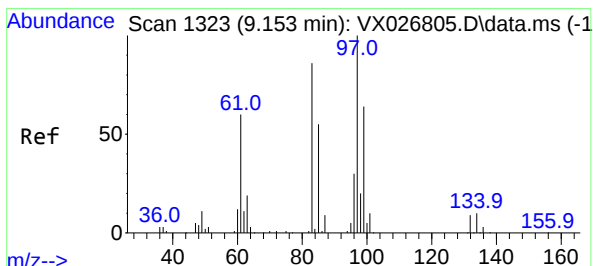
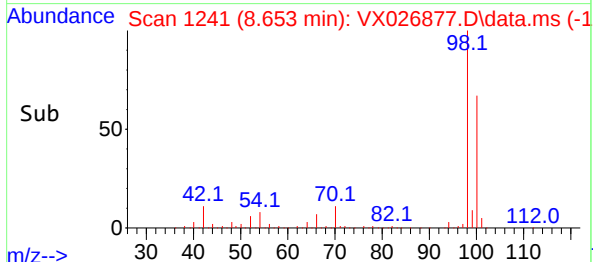
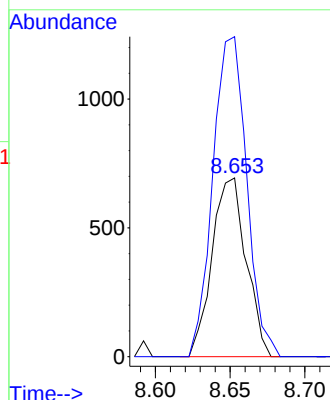
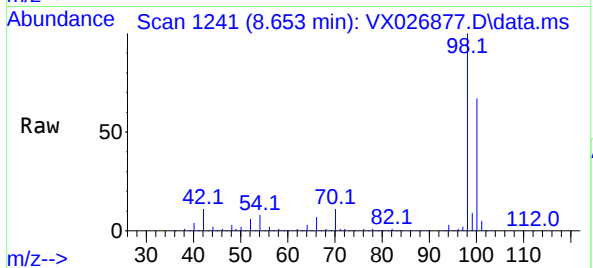




#51
4-Methyl-2-Pentanone
Concen: 0.525 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

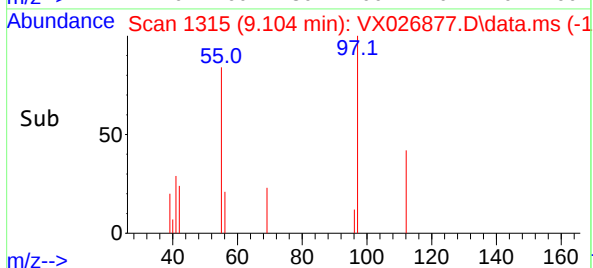
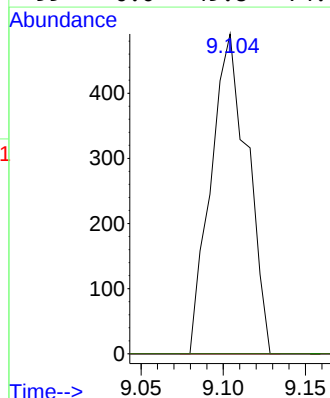
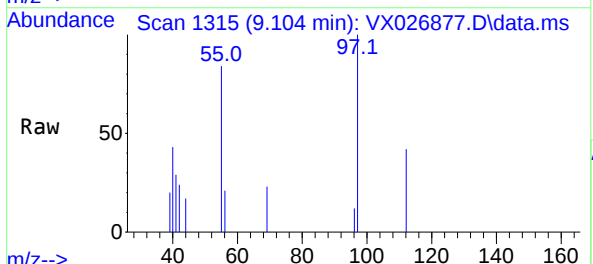
Instrument :
MSVOA_X
ClientSampleId :

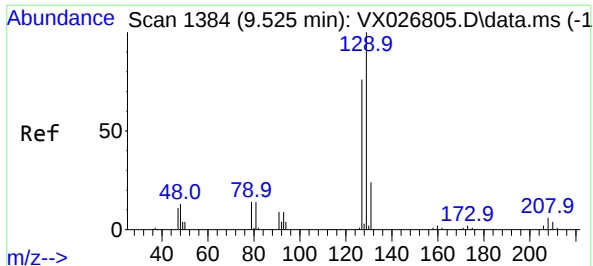
Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 177.7 30.5 45.7#



#55
1,1,2-Trichloroethane
Concen: 0.551 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 97 Resp: 761
Ion Ratio Lower Upper
97 100
83 0.0 68.4 102.6#
85 0.0 44.0 66.0#
99 0.0 49.8 74.6#

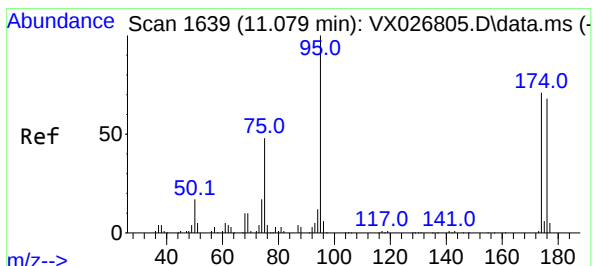
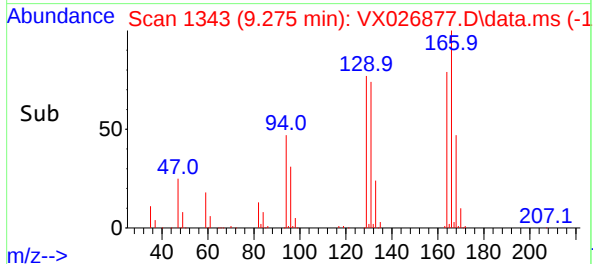
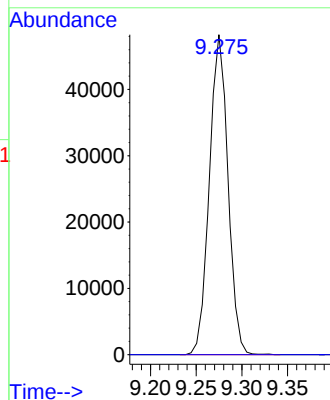
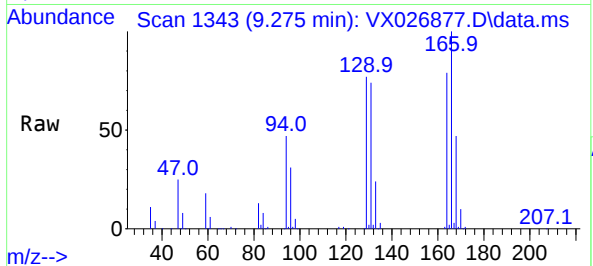




#60
Dibromochloromethane
Concen: 48.039 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

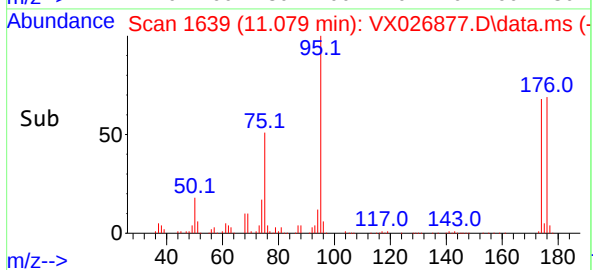
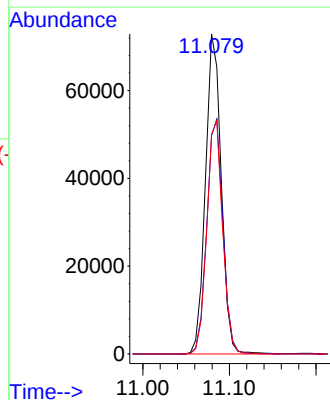
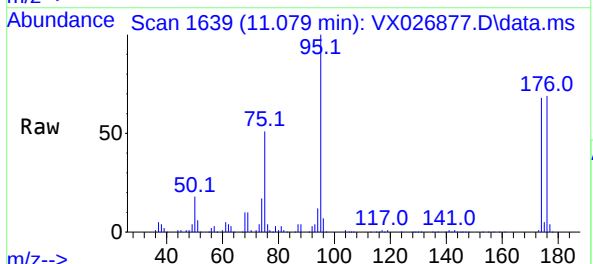
Instrument :
MSVOA_X
ClientSampleId :

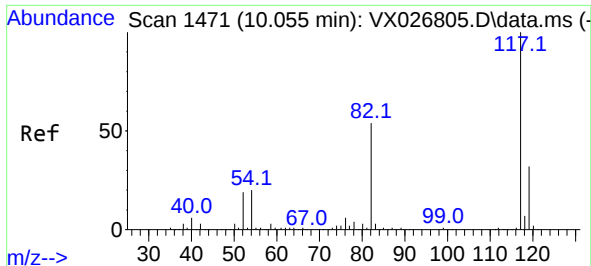
Tgt Ion:129 Resp: 68270
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 57.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

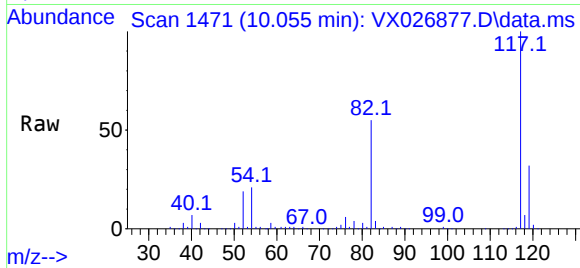
Tgt Ion: 95 Resp: 92331
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.6
176 73.0 0.0 141.4



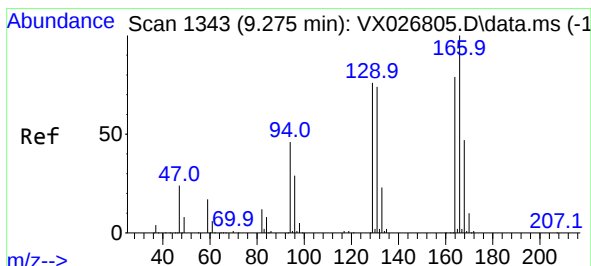
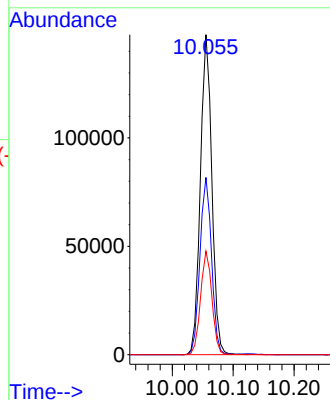
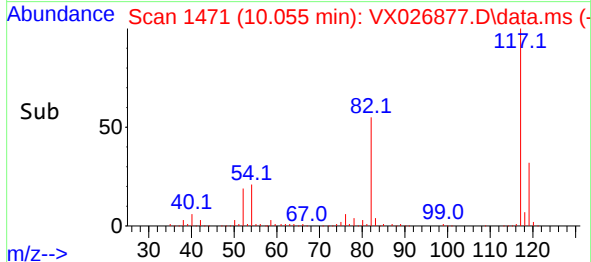


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

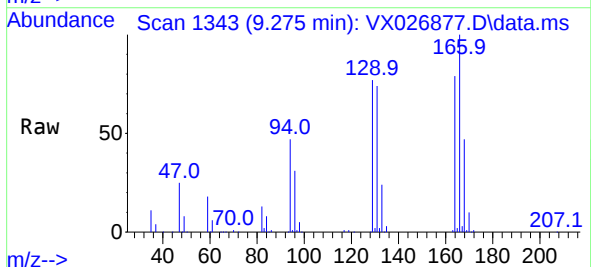
Instrument :
MSVOA_X
ClientSampleId :



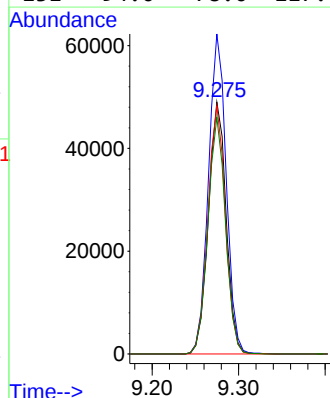
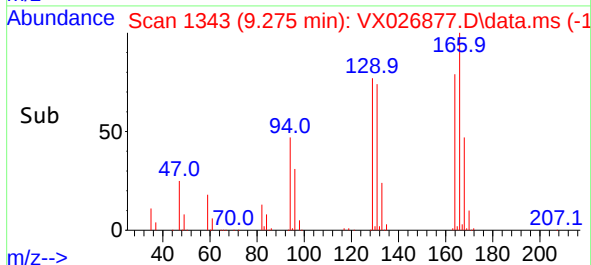
Tgt Ion:117 Resp: 193132
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 32.4 26.2 39.2

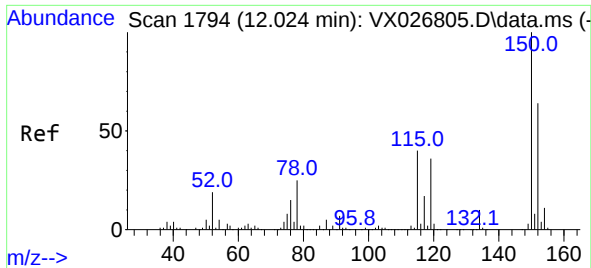


#64
Tetrachloroethene
Concen: 36.045 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30



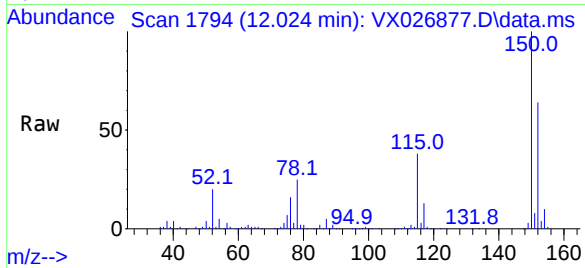
Tgt Ion:164 Resp: 69918
Ion Ratio Lower Upper
164 100
166 127.1 101.8 152.6
129 98.5 83.3 124.9
131 94.0 78.0 117.0



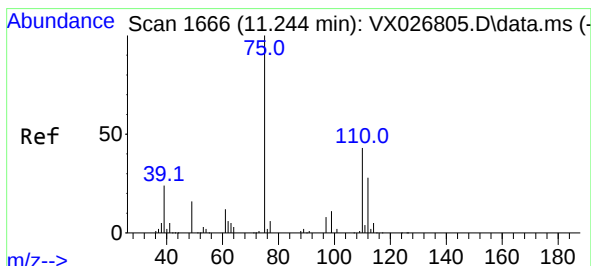
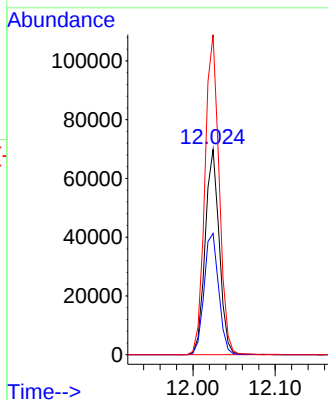
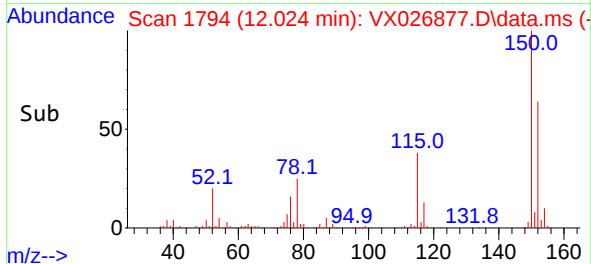


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

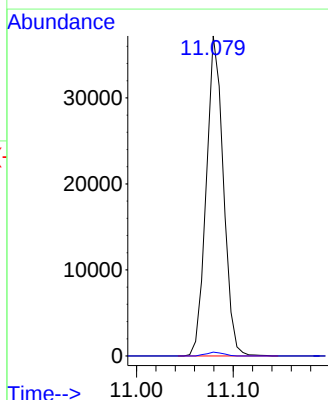
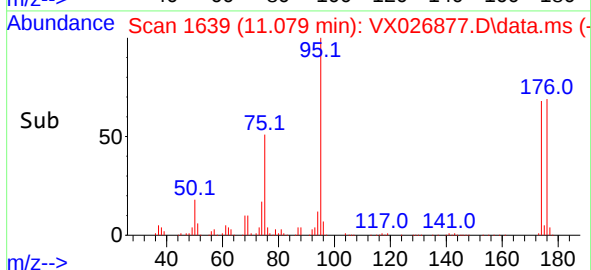
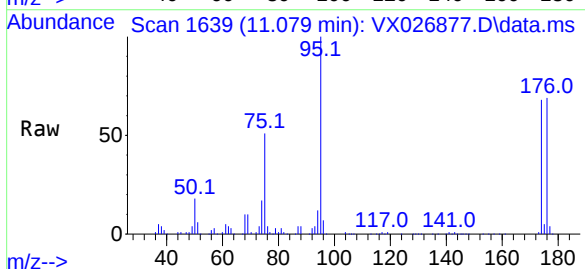


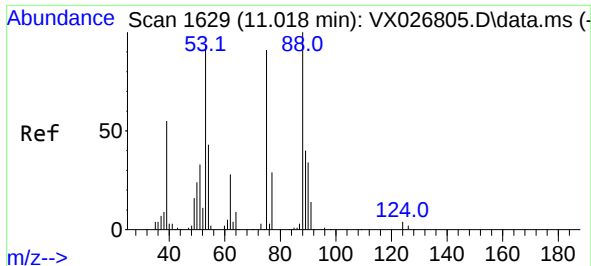
Tgt Ion:152 Resp: 82931
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 158.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion: 75 Resp: 45827
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#

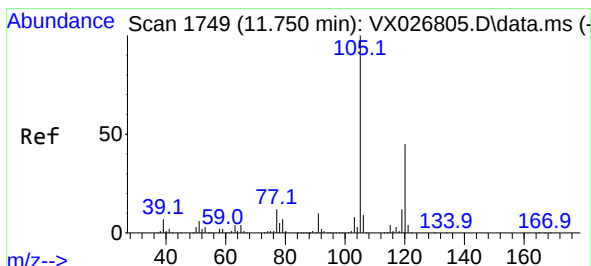
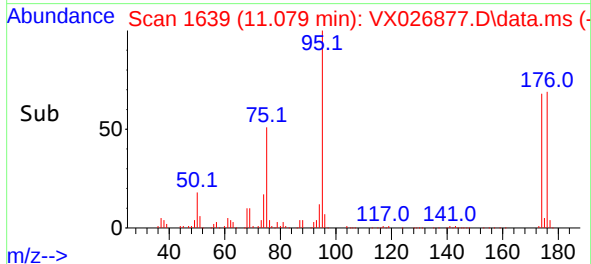
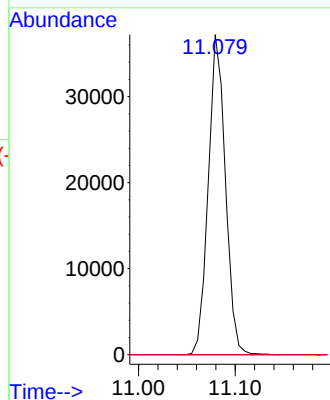
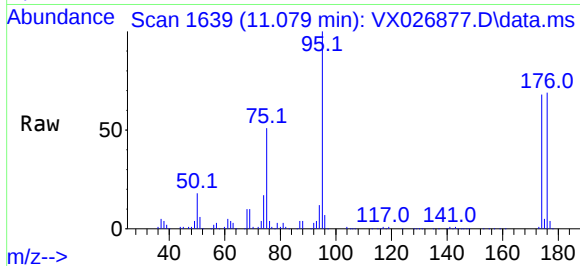




#81
trans-1,4-Dichloro-2-butene
Concen: 76.965 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45827
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.318 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026877.D
Acq: 09 Feb 2022 18:30

Tgt Ion:105 Resp: 1725
Ion Ratio Lower Upper
105 100
120 46.0 21.9 65.5

