

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
 Data File : VX024140.D
 Acq On : 09 Sep 2021 13:21
 Operator : JC/MD
 Sample : VX0909WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 10 07:28:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	148206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	231048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	114788	55.494	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.980%	
35) Dibromofluoromethane	5.397	113	87695	53.795	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.600%	
50) Toluene-d8	8.653	98	320350	51.632	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	11.085	95	109626	47.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.000%	

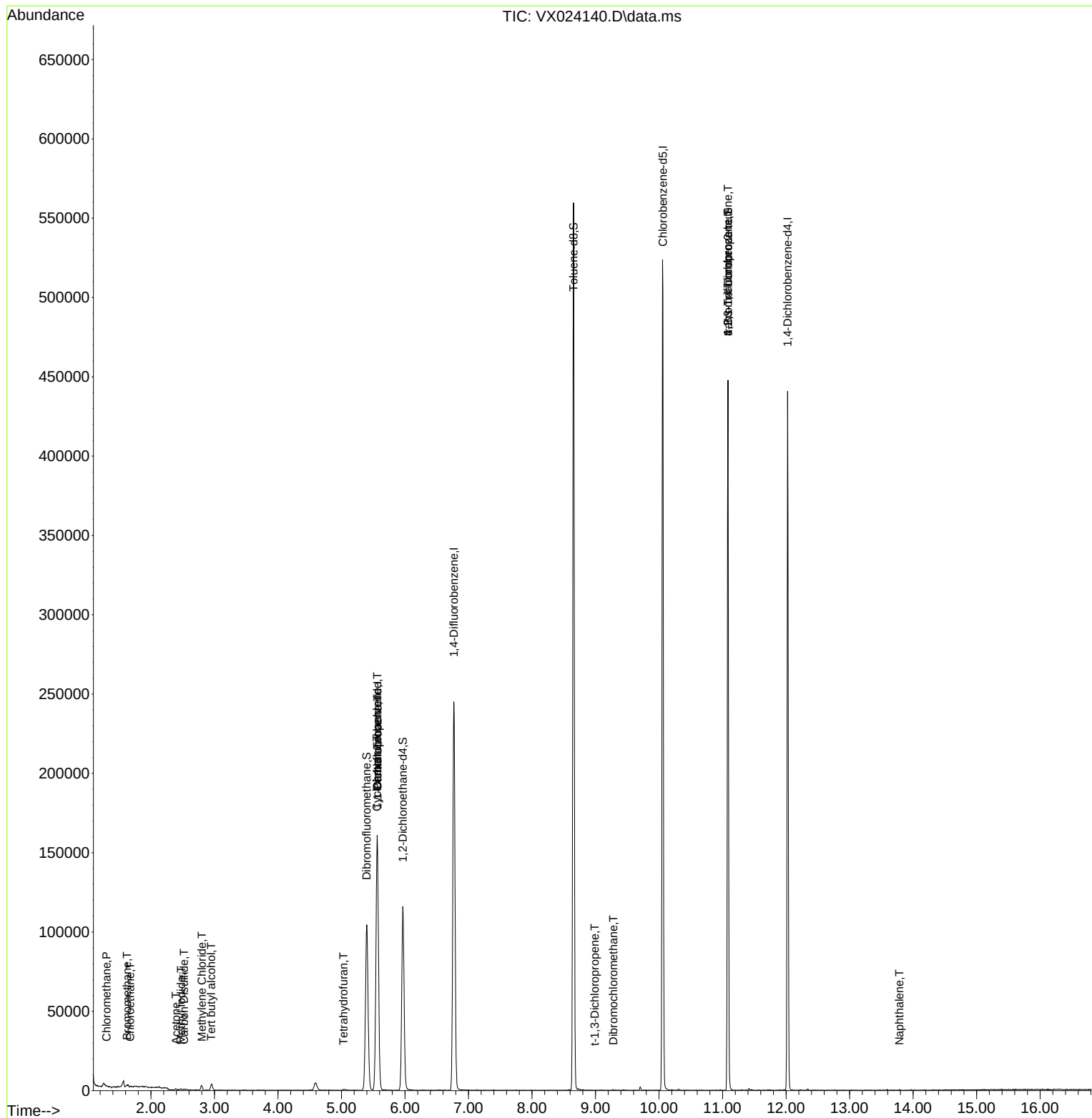
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	379	0.221	ug/l	91
5) Bromomethane	1.624	94	861	0.818	ug/l #	56
6) Chloroethane	1.672	64	543	2.588	ug/l #	43
10) Methyl Iodide	2.477	142	865	0.418	ug/l #	95
11) Tert butyl alcohol	2.947	59	2306	5.513	ug/l #	73
16) Acetone	2.392	43	860	0.930	ug/l #	75
17) Carbon Disulfide	2.520	76	726	0.214	ug/l #	75
20) Methylene Chloride	2.800	84	1392	0.788	ug/l #	85
29) Tetrahydrofuran	5.032	42	258	0.284	ug/l #	49
31) Cyclohexane	5.556	56	3371	1.268	ug/l #	13
36) 1,1-Dichloropropene	5.568	75	11652	5.109	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15179	6.382	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	61	2.157	ug/l #	44
60) Dibromochloromethane	9.281	129	142	1.757	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	59927	29.489	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59927	86.744	ug/l #	12
95) Naphthalene	13.786	128	327	1.332	ug/l #	69

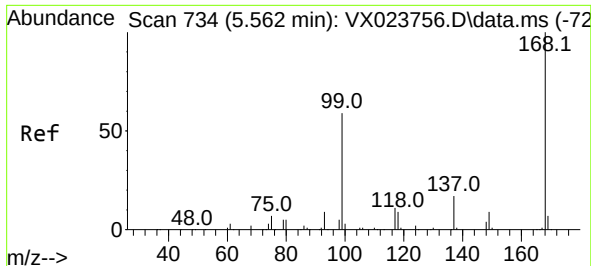
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX024140.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

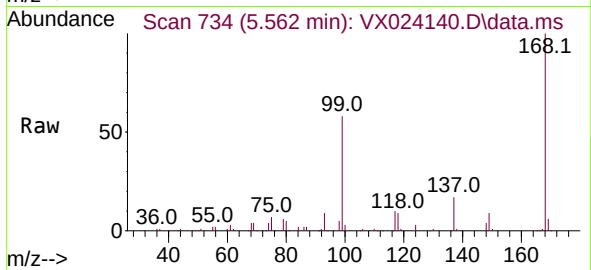
Quant Time: Sep 10 07:28:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration



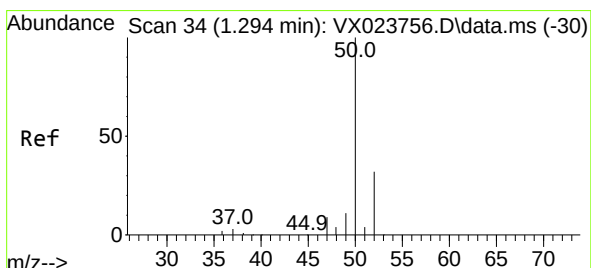
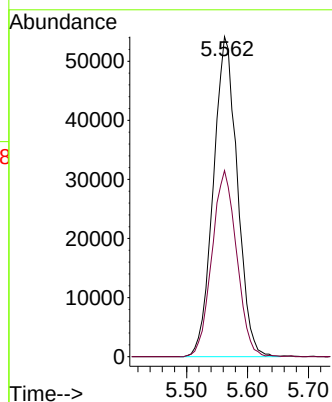
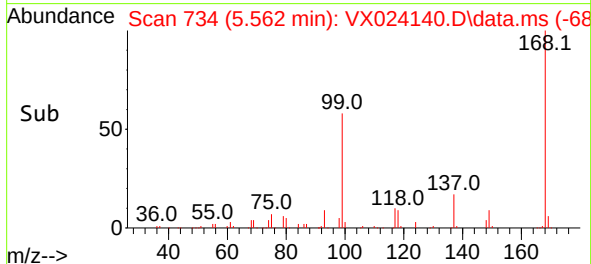


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

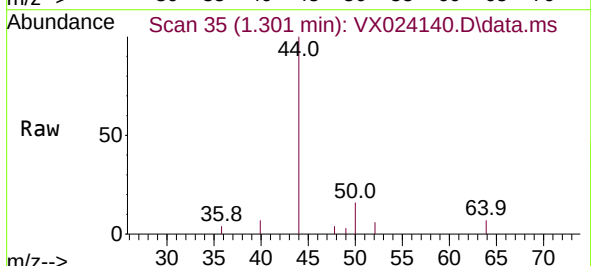
Instrument :
MSVOA_X
ClientSampled :



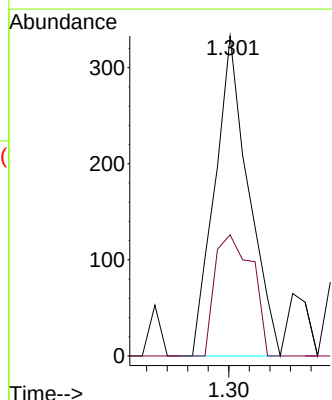
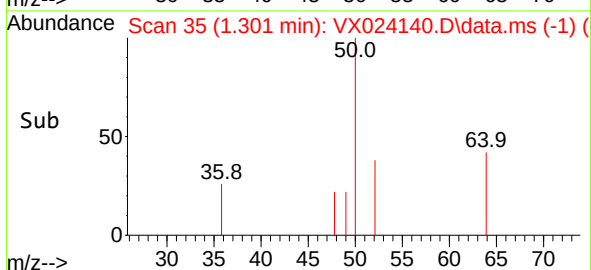
Tgt Ion:168 Resp: 148206
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6

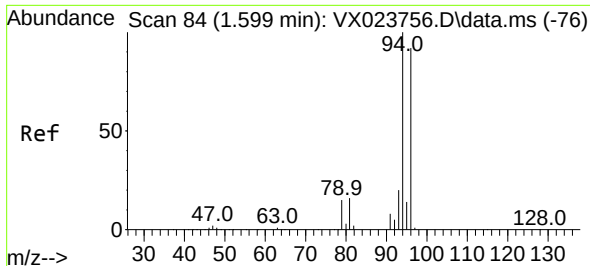


#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21



Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 37.8 26.4 39.6

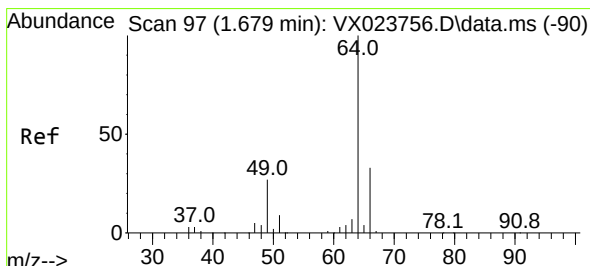
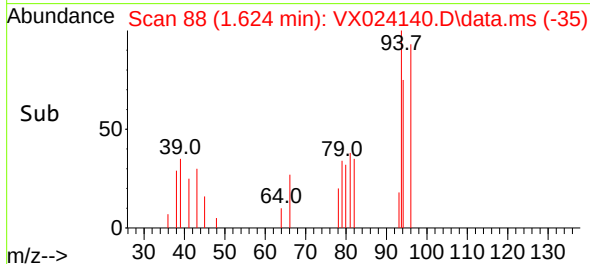
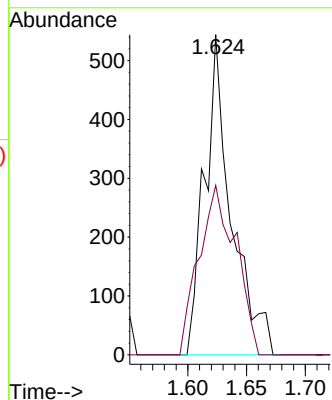
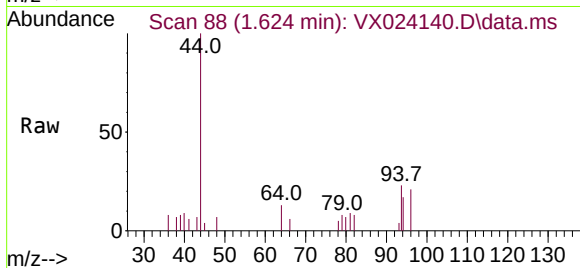




#5
Bromomethane
Concen: 0.818 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

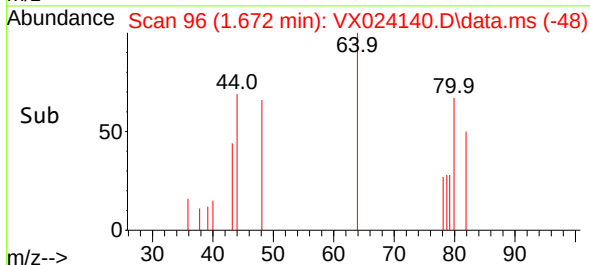
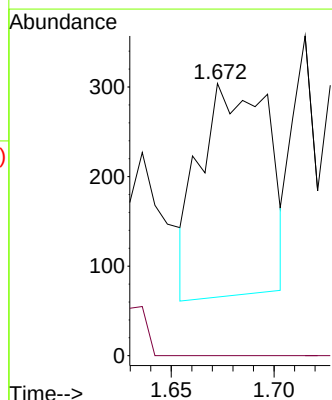
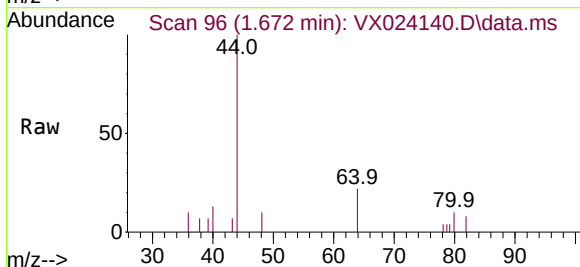
Instrument :
MSVOA_X
ClientSampled :

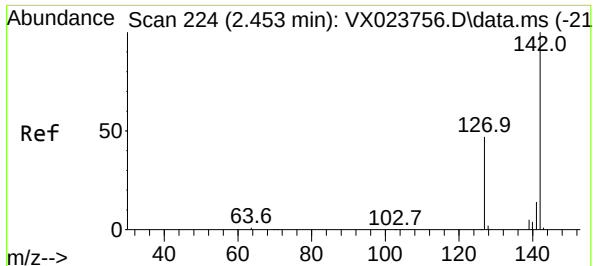
Tgt Ion: 94 Resp: 861
Ion Ratio Lower Upper
94 100
96 52.9 76.4 114.6#



#6
Chloroethane
Concen: 2.588 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

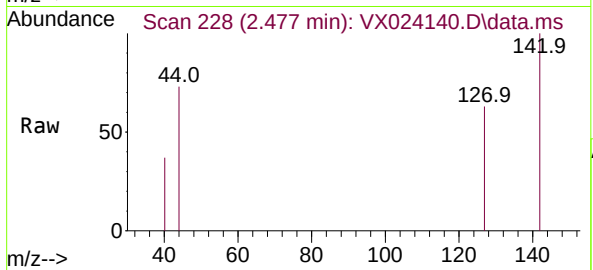
Tgt Ion: 64 Resp: 543
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



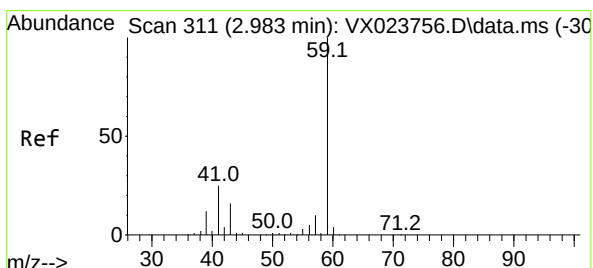
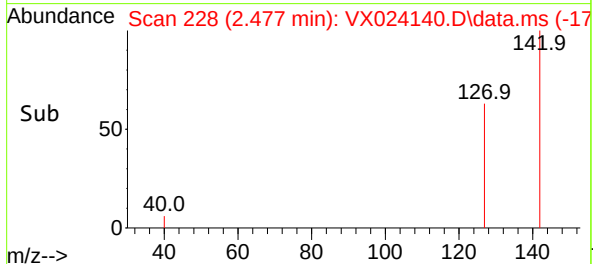
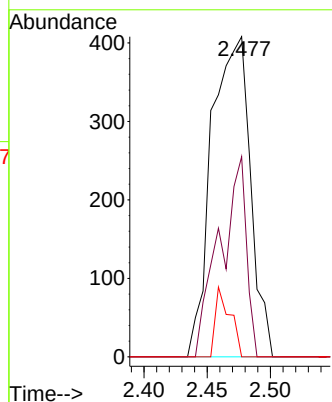


#10
Methyl Iodide
Concen: 0.418 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

Instrument :
MSVOA_X
ClientSampled :

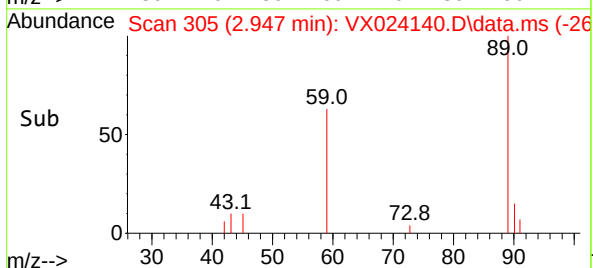
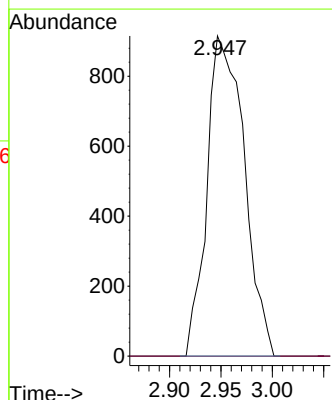
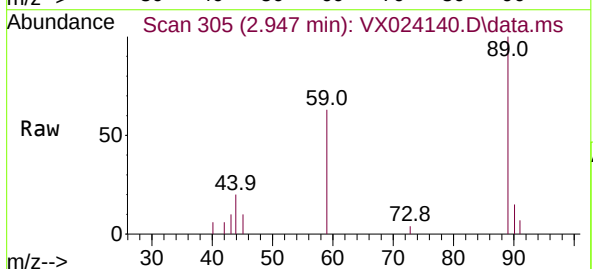


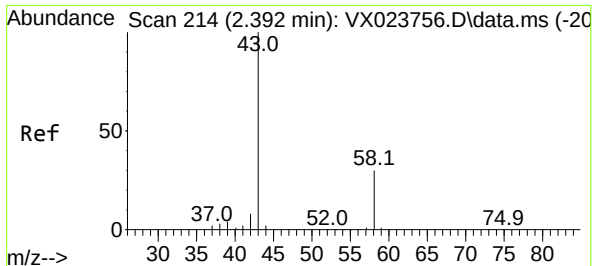
Tgt Ion:142 Resp: 865
Ion Ratio Lower Upper
142 100
127 43.0 33.3 49.9
141 8.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.513 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

Tgt Ion: 59 Resp: 2306
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

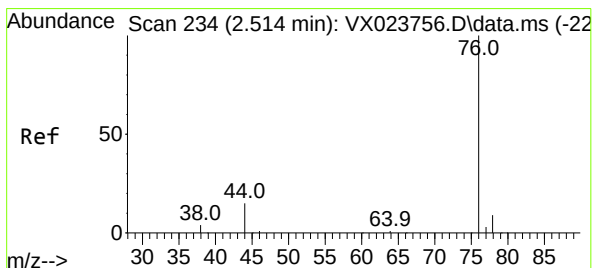
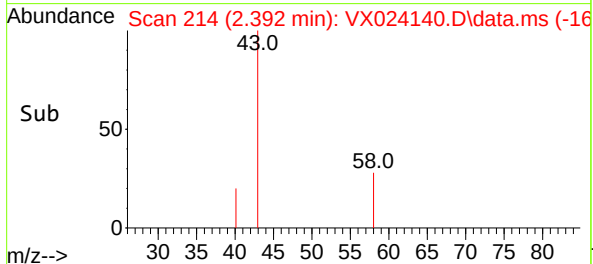
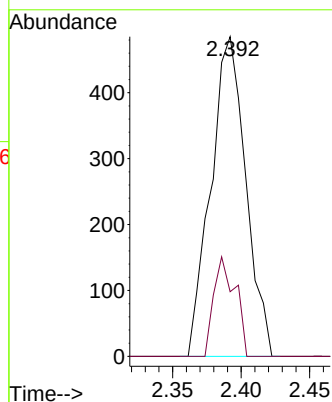
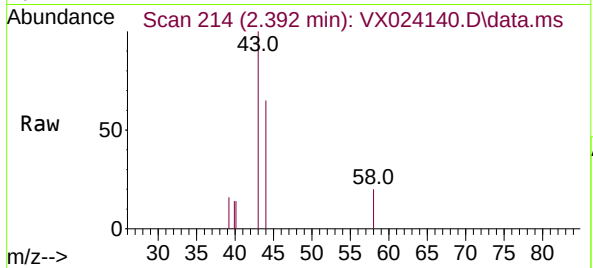




#16
Acetone
Concen: 0.930 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

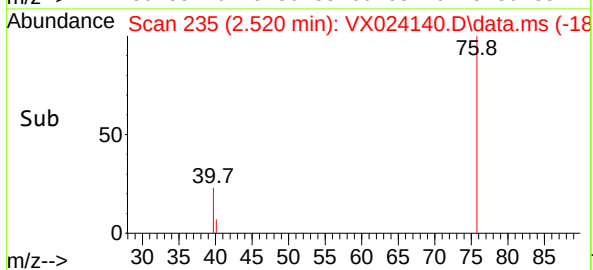
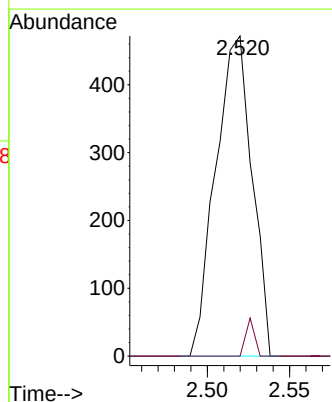
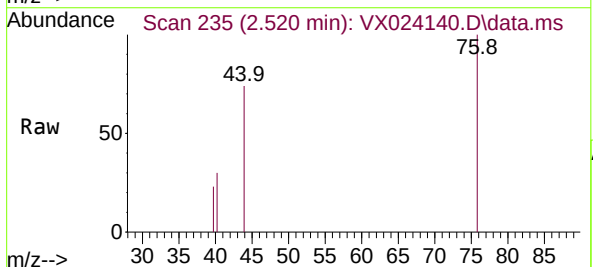
Instrument :
MSVOA_X
ClientSampled :

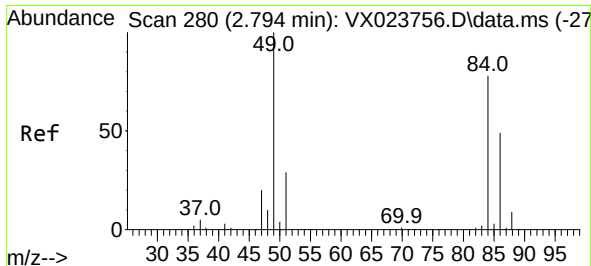
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 20.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.214 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

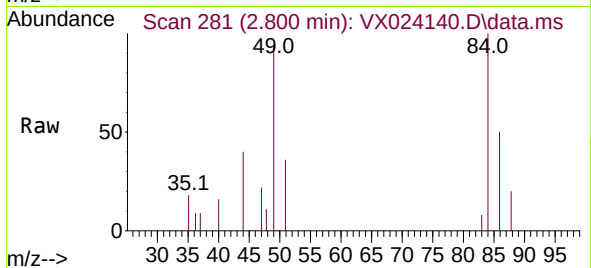
Tgt Ion: 76 Resp: 726
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



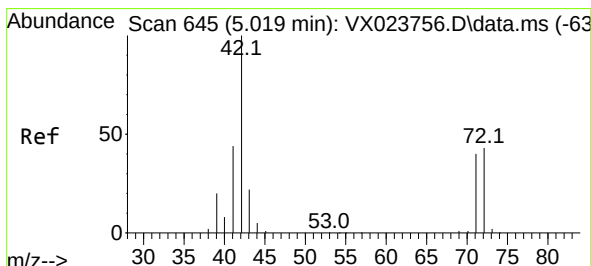
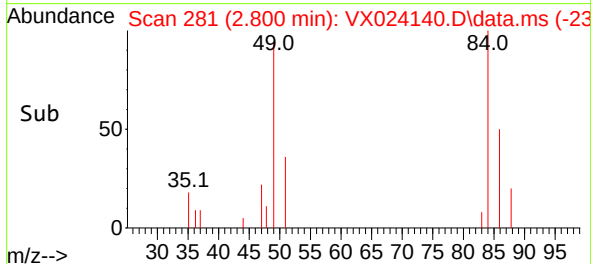
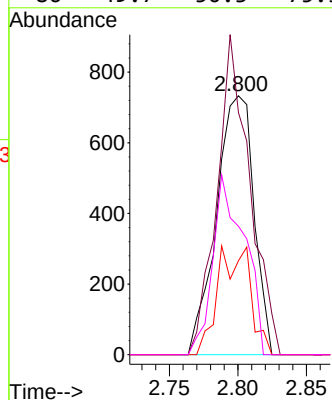


#20
Methylene Chloride
Concen: 0.788 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

Instrument :
MSVOA_X
ClientSampled :

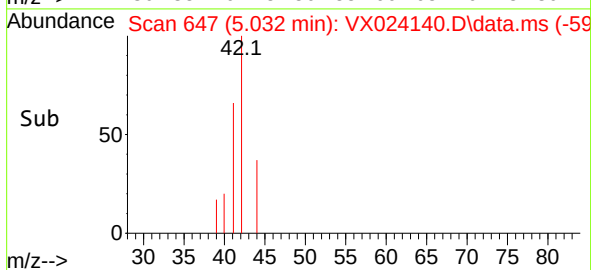
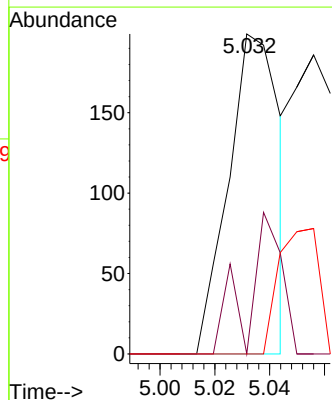
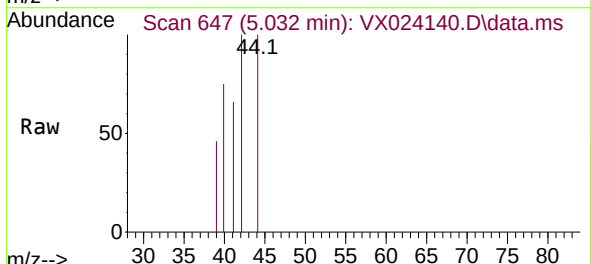


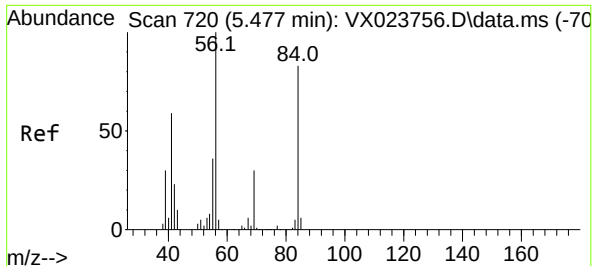
Tgt Ion: 84	Resp: 1392
Ion Ratio	Lower Upper
84 100	
49 93.6	88.6 132.8
51 36.3	27.0 40.6
86 49.7	50.3 75.5#



#29
Tetrahydrofuran
Concen: 0.284 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

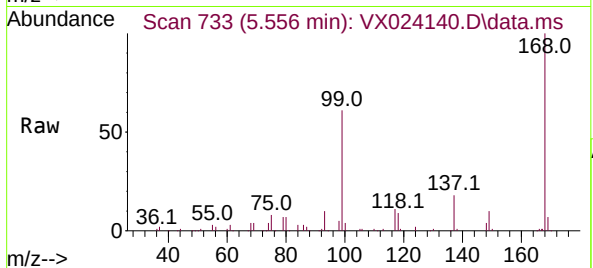
Tgt Ion: 42	Resp: 258
Ion Ratio	Lower Upper
42 100	
72 29.5	41.7 62.5#
71 0.0	38.4 57.6#



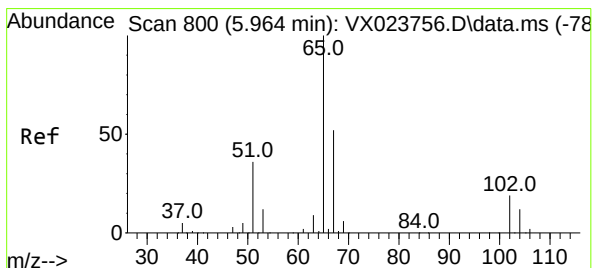
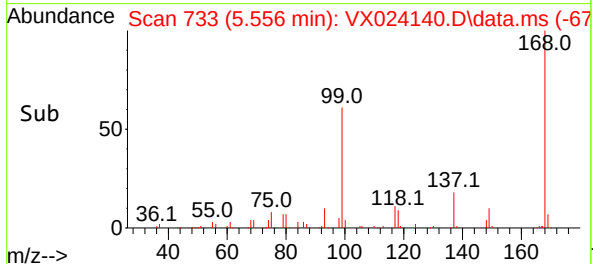
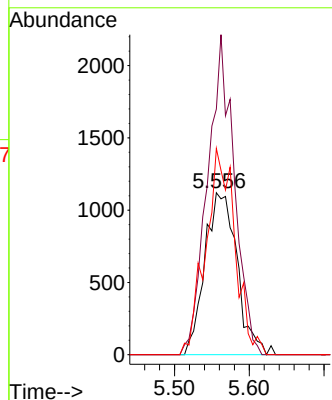


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

Instrument :
MSVOA_X
ClientSampleId :

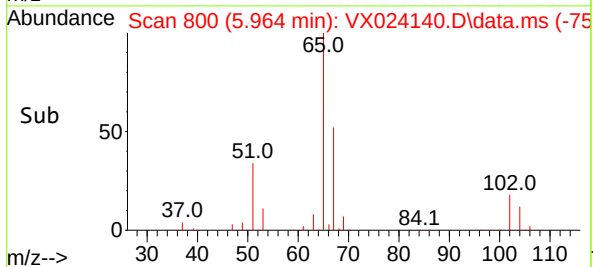
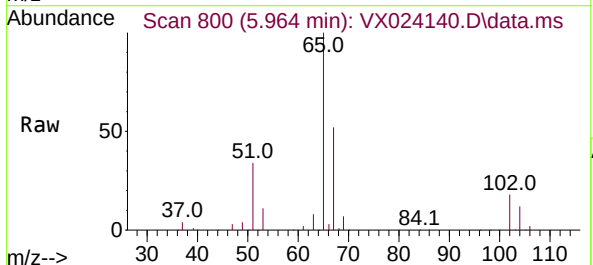
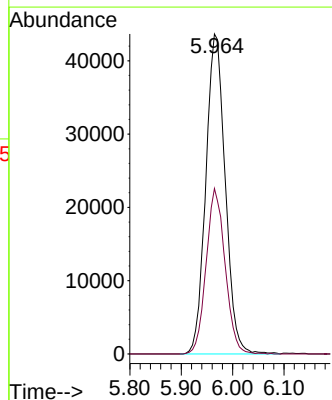


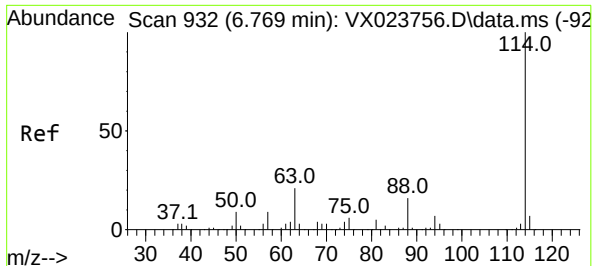
Tgt Ion: 56 Resp: 3371
Ion Ratio Lower Upper
56 100
69 151.7 25.3 37.9#
84 127.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.494 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

Tgt Ion: 65 Resp: 114788
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

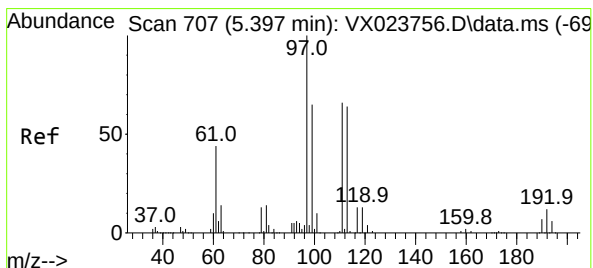
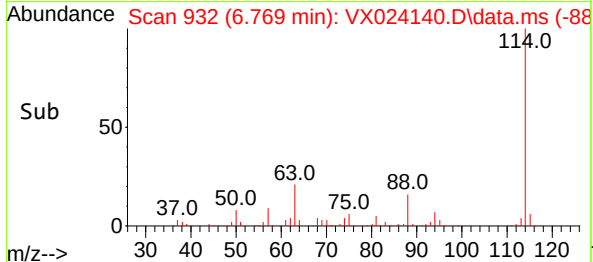
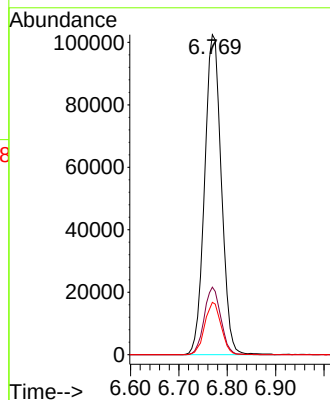
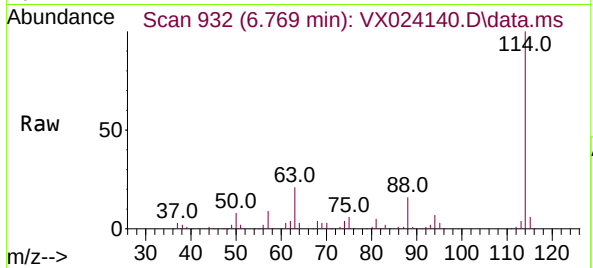




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

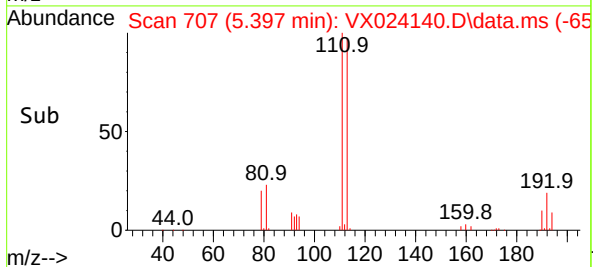
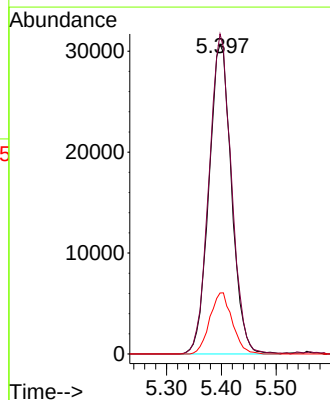
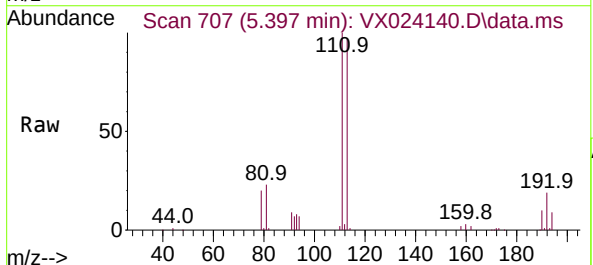
Instrument :
MSVOA_X
ClientSampled :

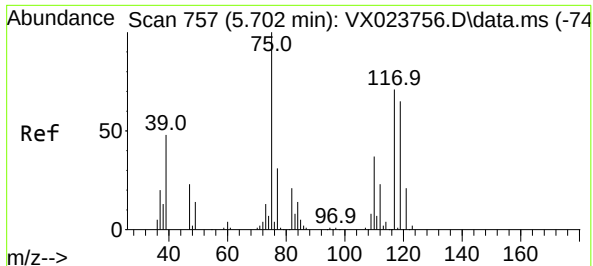
Tgt Ion:114 Resp: 246294
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.795 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

Tgt Ion:113 Resp: 87695
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.109 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX024140.D

Acq: 09 Sep 2021 13:21

Tgt Ion: 75 Resp: 11652

Ion Ratio Lower Upper

75 100

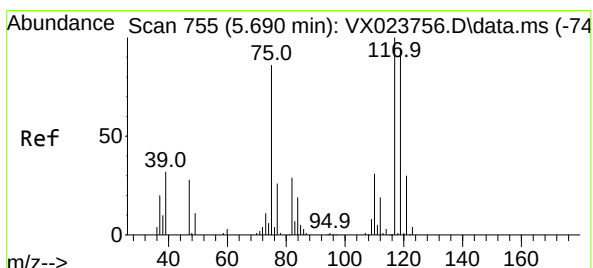
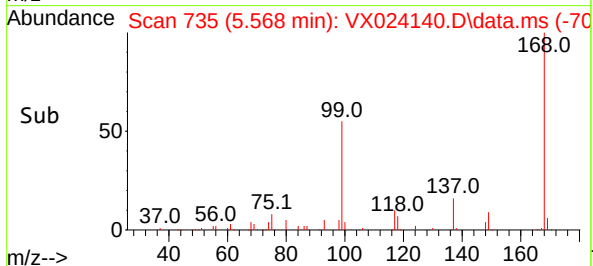
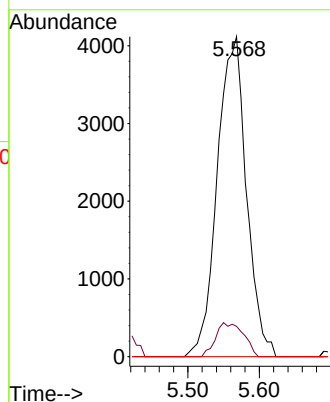
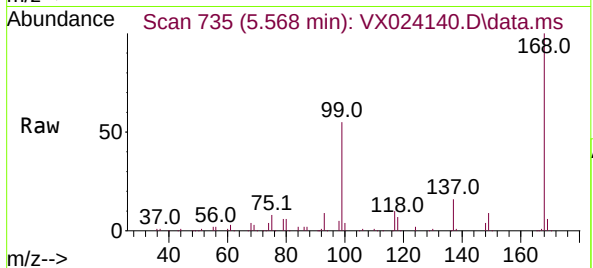
110 10.1 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.382 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX024140.D

Acq: 09 Sep 2021 13:21

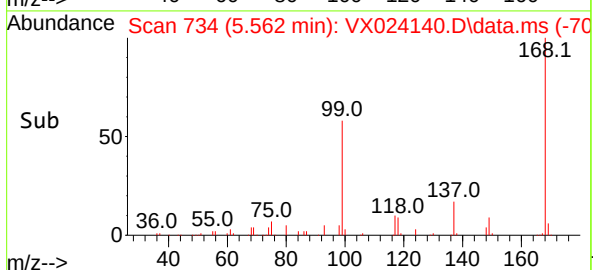
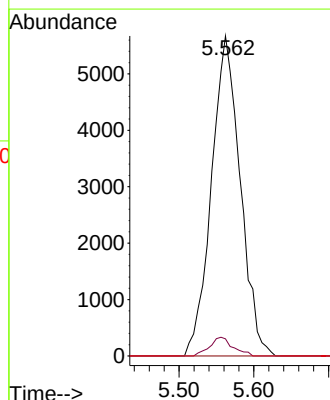
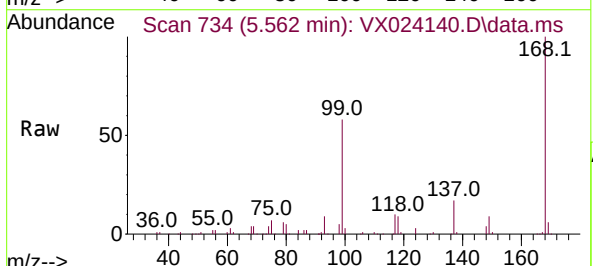
Tgt Ion: 117 Resp: 15179

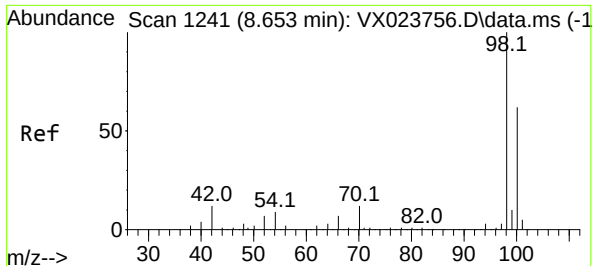
Ion Ratio Lower Upper

117 100

119 5.3 76.2 114.2#

121 0.0 24.8 37.2#

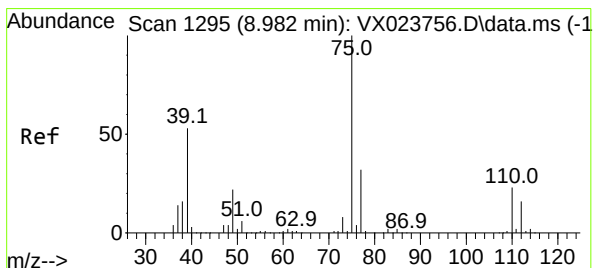
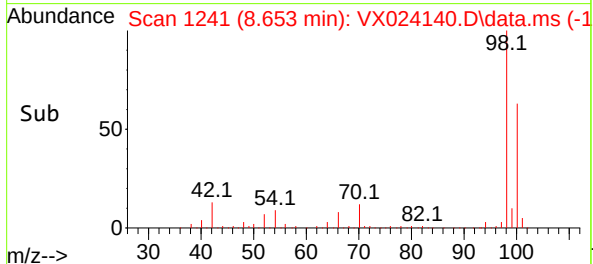
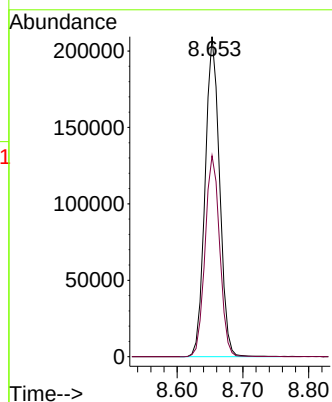
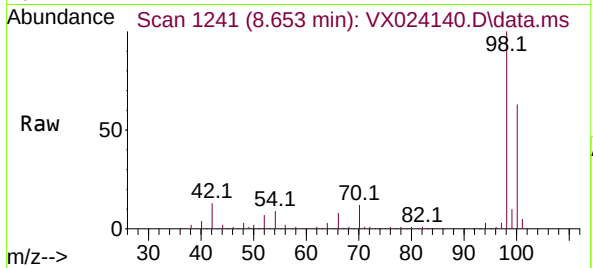




#50
Toluene-d8
Concen: 51.632 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

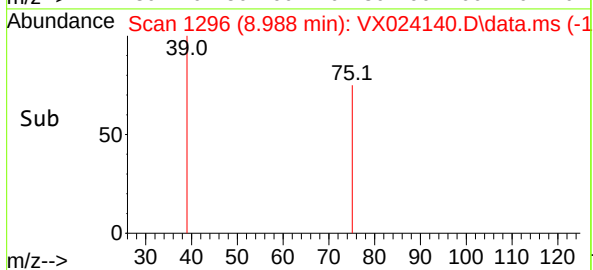
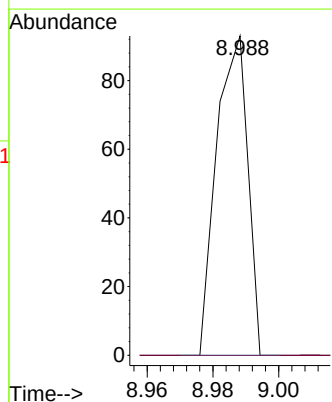
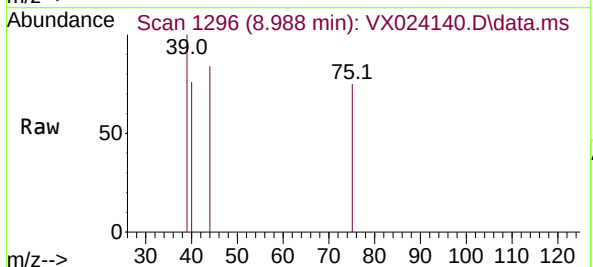
Instrument :
MSVOA_X
ClientSampled :

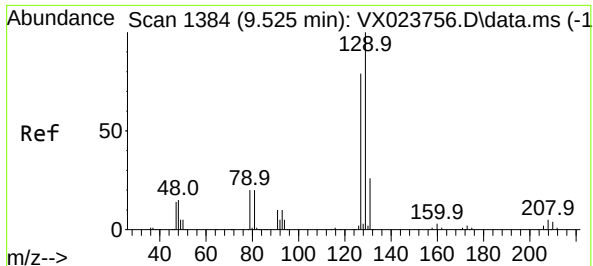
Tgt Ion: 98 Resp: 320350
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.157 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

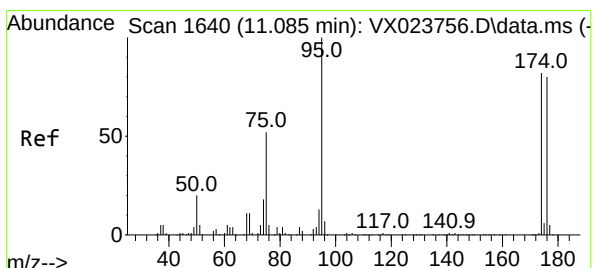
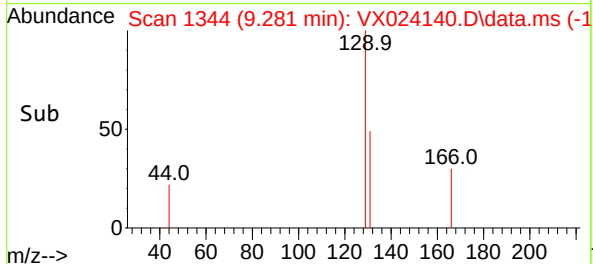
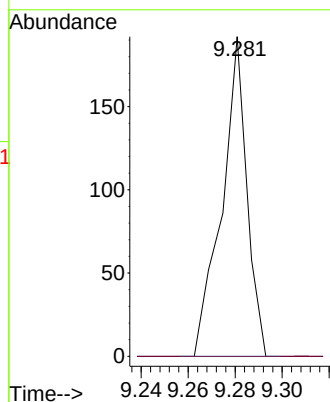
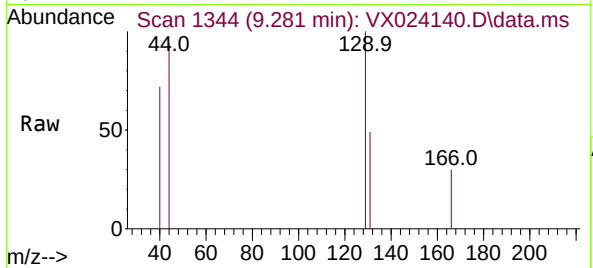




#60
Dibromochloromethane
Concen: 1.757 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

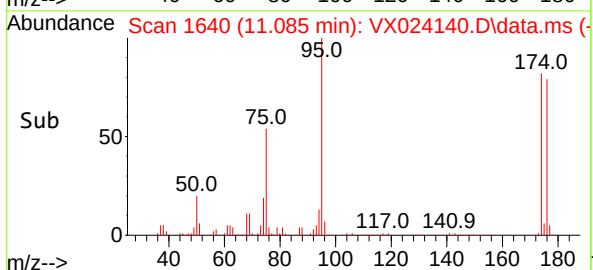
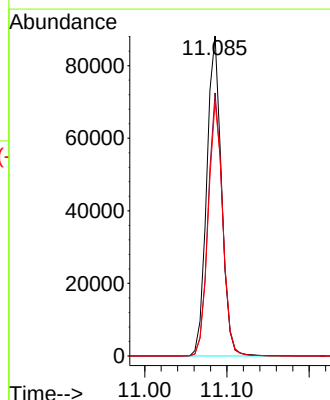
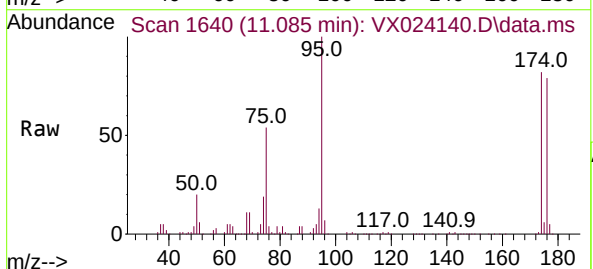
Instrument :
MSVOA_X
ClientSampleId :

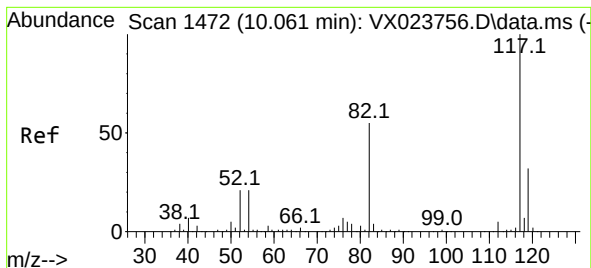
Tgt Ion:129 Resp: 142
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.997 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

Tgt Ion: 95 Resp: 109626
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 78.6 0.0 155.8

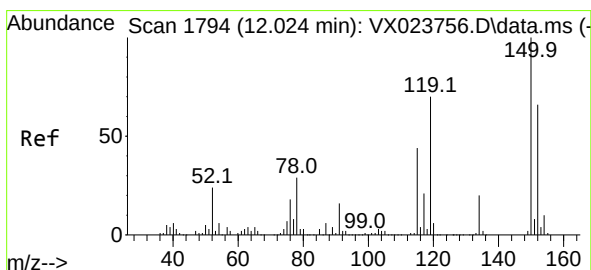
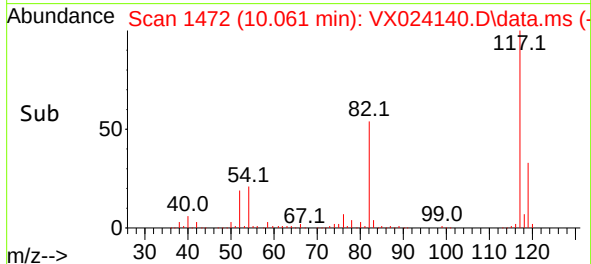
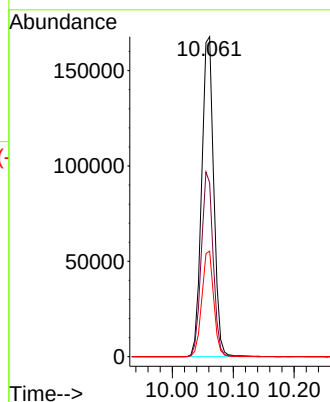
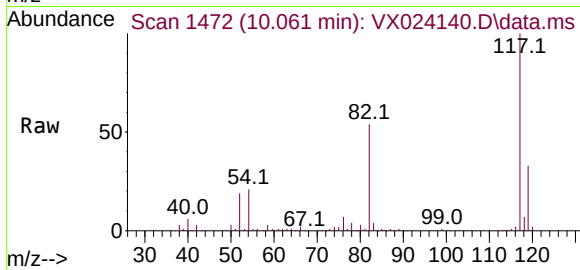




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

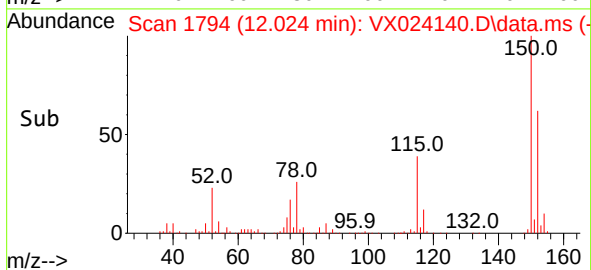
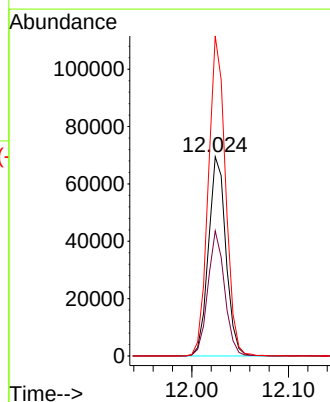
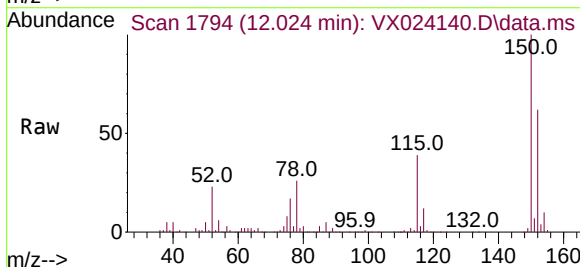
Instrument :
MSVOA_X
ClientSampleId :

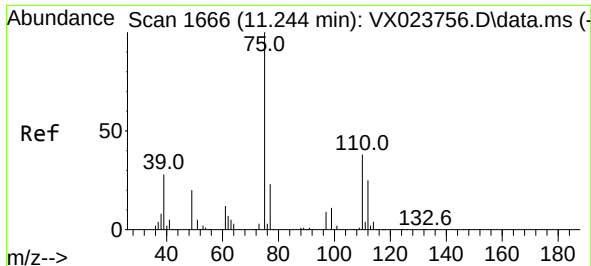
Tgt Ion:117 Resp: 231048
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

Tgt Ion:152 Resp: 87115
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 158.1 0.0 349.0

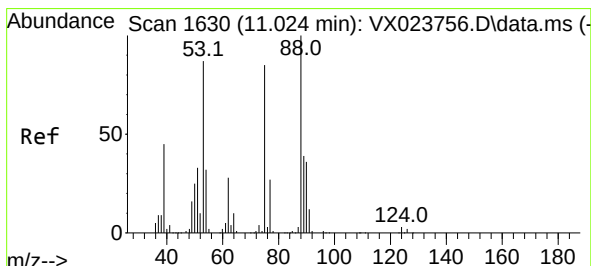
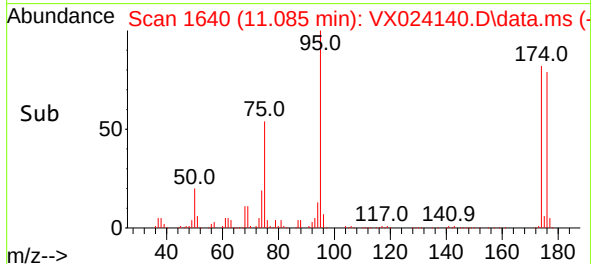
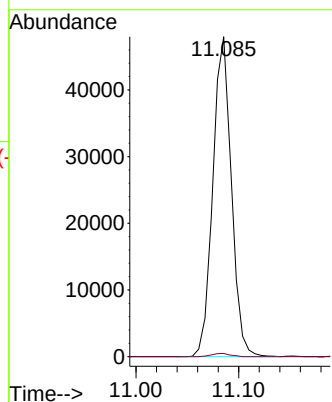
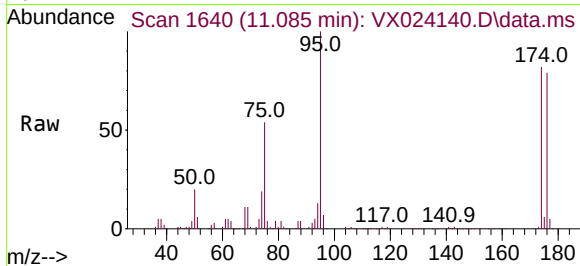




#76
1,2,3-Trichloropropane
Concen: 29.489 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

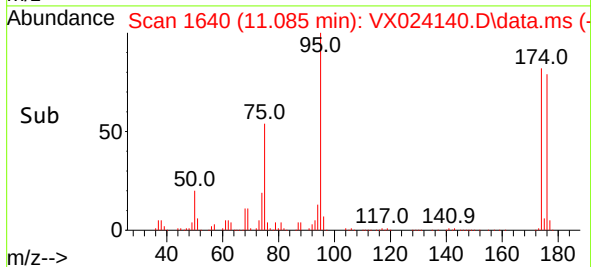
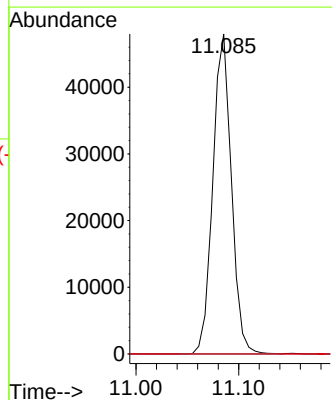
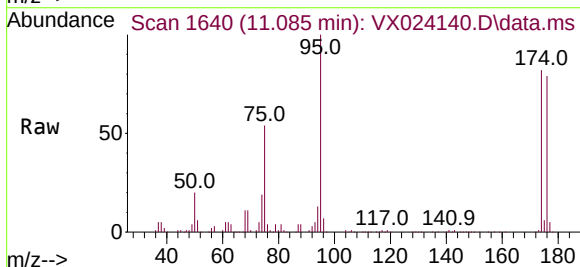
Instrument :
MSVOA_X
ClientSampled :

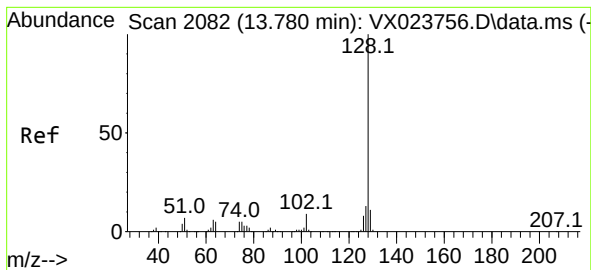
Tgt Ion: 75 Resp: 59927
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.744 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

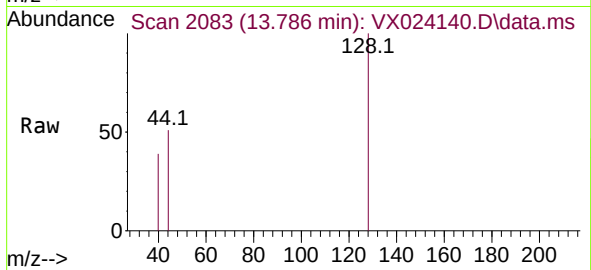
Tgt Ion: 75 Resp: 59927
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.332 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024140.D
Acq: 09 Sep 2021 13:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 327
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

