

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024007.D
 Acq On : 30 Aug 2021 10:37
 Operator : JC/MD
 Sample : VX0830WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBL01

Quant Time: Aug 31 03:10:04 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)

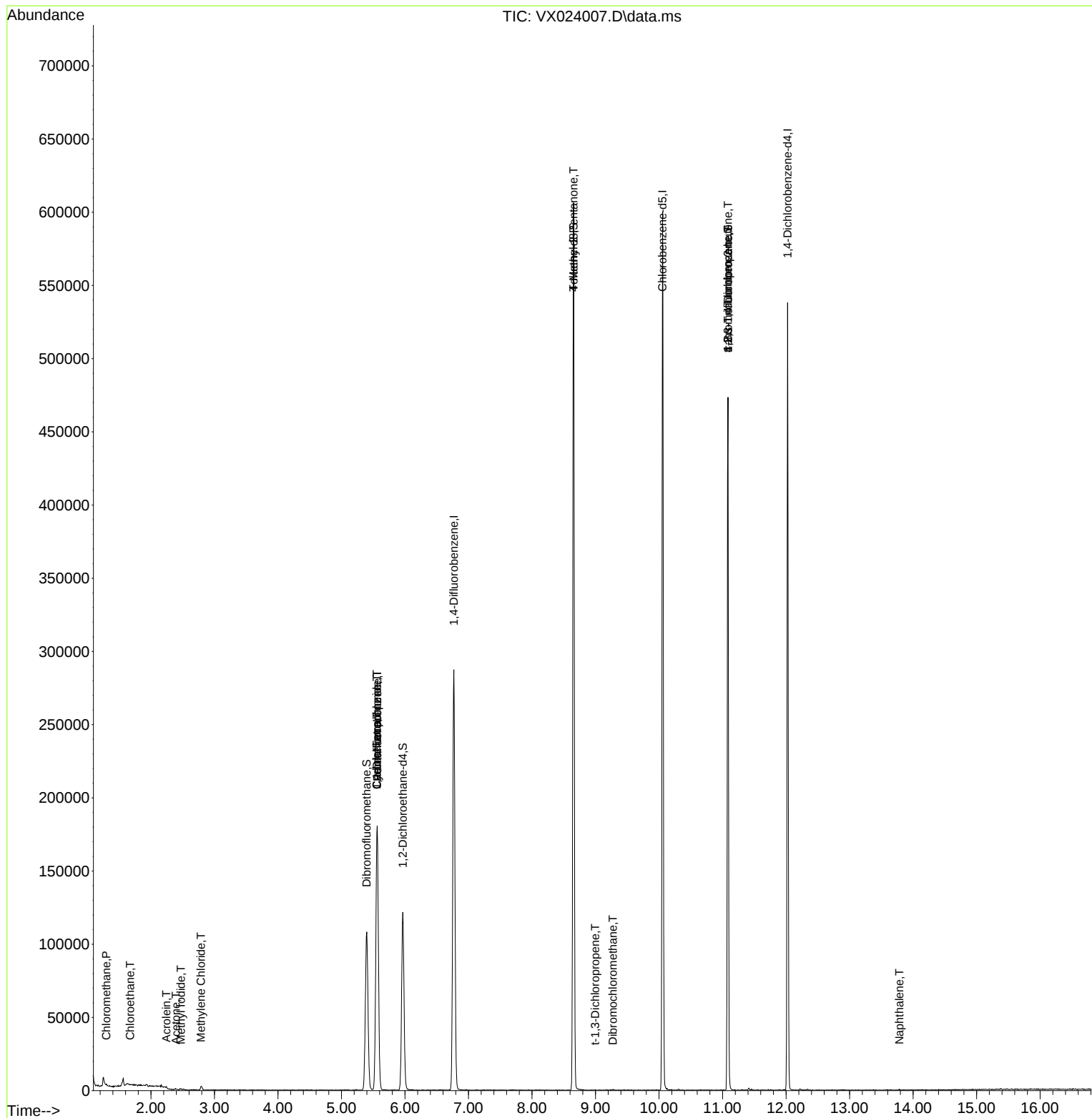
Internal Standards						
1) Pentafluorobenzene	5.562	168	167150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	282280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120299	51.567	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.140%			
35) Dibromofluoromethane	5.397	113	93493	50.041	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.080%			
50) Toluene-d8	8.653	98	344457	48.440	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.880%			
62) 4-Bromofluorobenzene	11.085	95	122672	46.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.720%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	493	0.255	ug/l	98
6) Chloroethane	1.672	64	197	2.337	ug/l #	67
10) Methyl Iodide	2.471	142	910	0.390	ug/l	97
13) Acrolein	2.239	56	115	0.410	ug/l #	14
16) Acetone	2.392	43	852	0.817	ug/l #	74
20) Methylene Chloride	2.788	84	1088	0.546	ug/l #	86
31) Cyclohexane	5.556	56	3786	1.263	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13725	5.250	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17281	6.339	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1587	0.488	ug/l #	1
53) t-1,3-Dichloropropene	8.994	75	89	2.163	ug/l #	15
60) Dibromochloromethane	9.275	129	83	1.723	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	65993	27.219	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	65993	80.066	ug/l #	12
95) Naphthalene	13.786	128	262	1.316	ug/l #	84

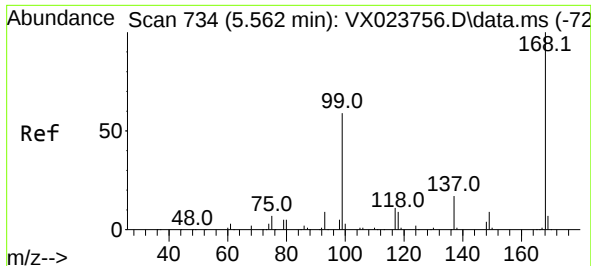
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
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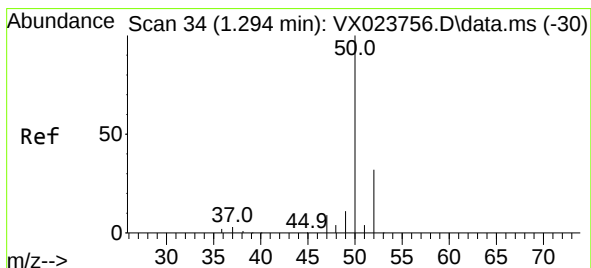
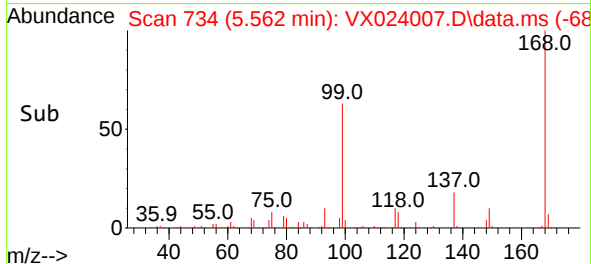
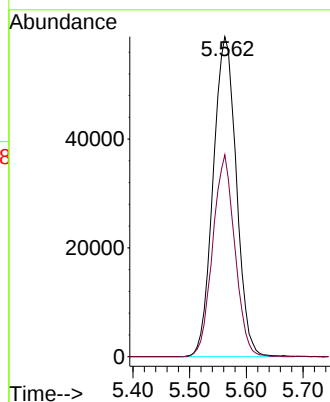
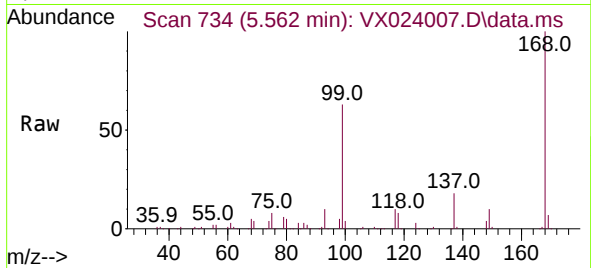




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

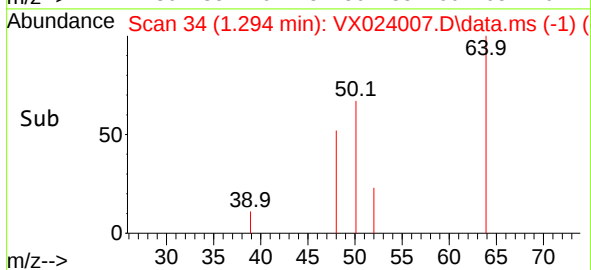
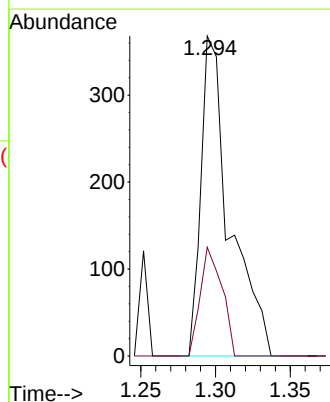
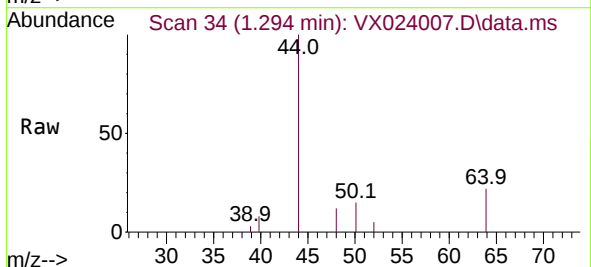
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

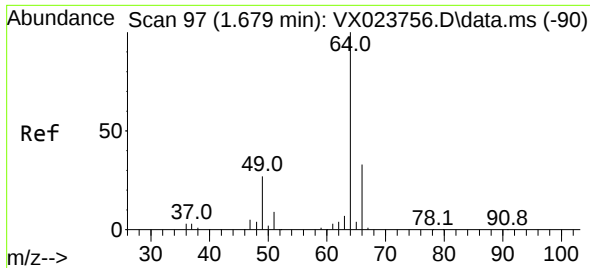
Tgt Ion:168 Resp: 167150
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.6



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 50 Resp: 493
Ion Ratio Lower Upper
50 100
52 34.0 26.4 39.6

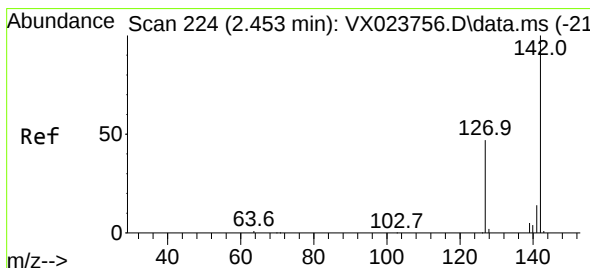
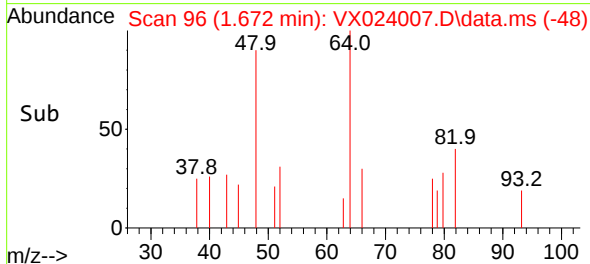
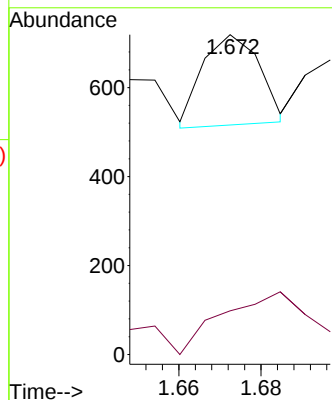
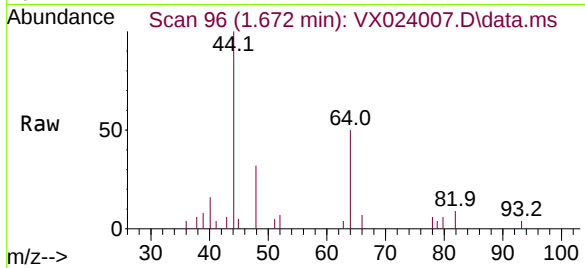




#6
Chloroethane
Concen: 2.337 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

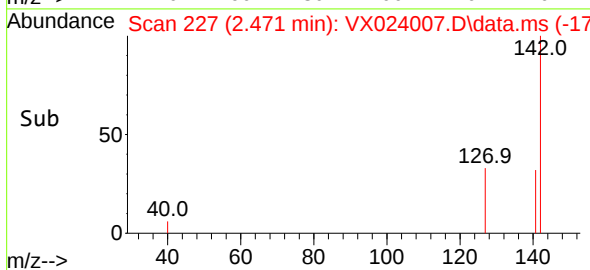
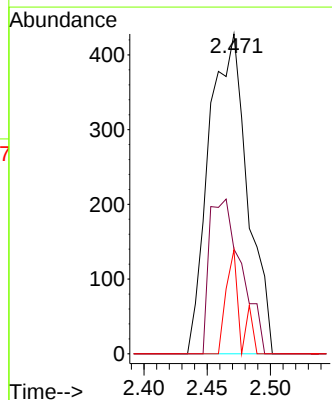
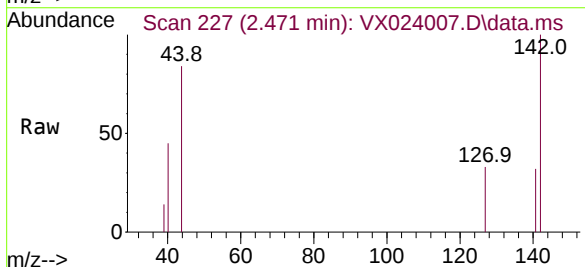
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

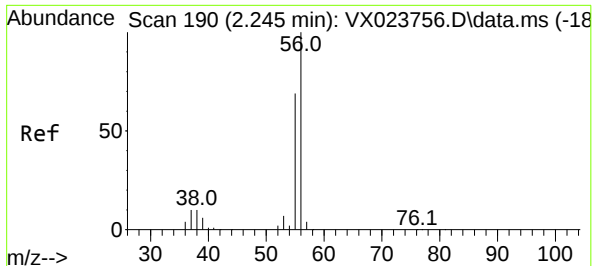
Tgt Ion: 64 Resp: 197
Ion Ratio Lower Upper
64 100
66 50.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.390 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 142 Resp: 910
Ion Ratio Lower Upper
142 100
127 40.0 33.3 49.9
141 11.6 11.4 17.0

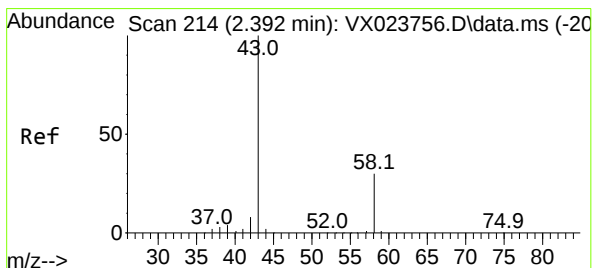
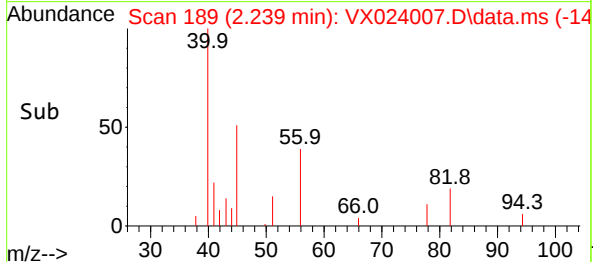
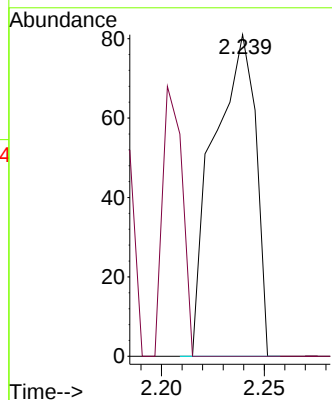
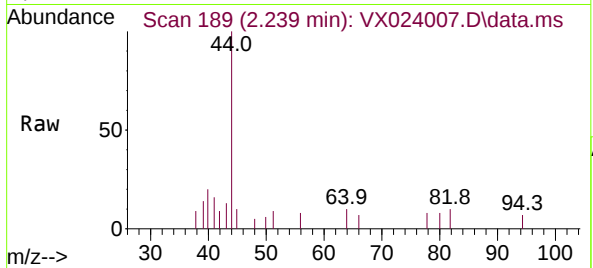




#13
Acrolein
Concen: 0.410 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

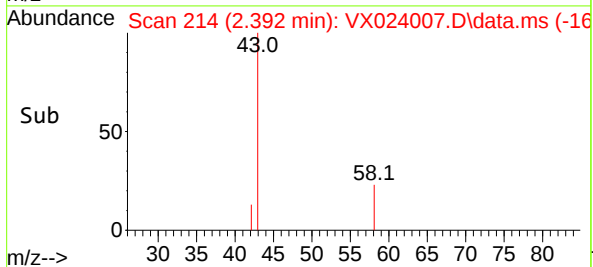
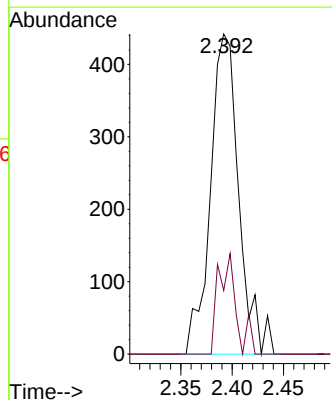
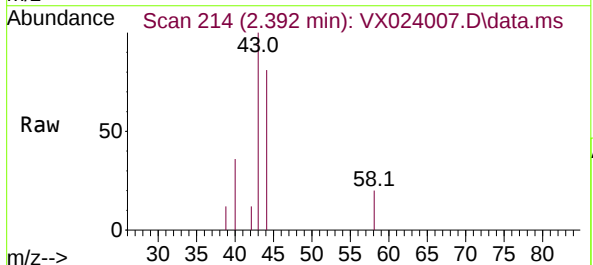
Instrument :
MSVOA_X
ClientSampled :
VX0830WBL01

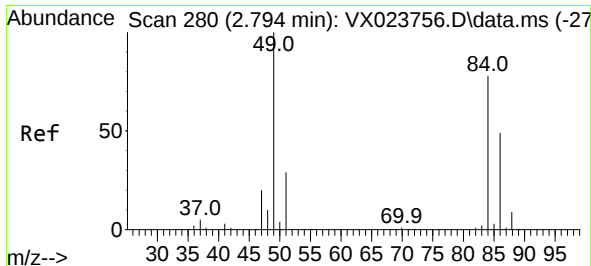
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.817 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
58 19.9 27.8 41.8#

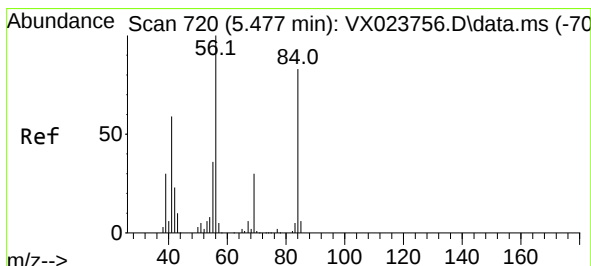
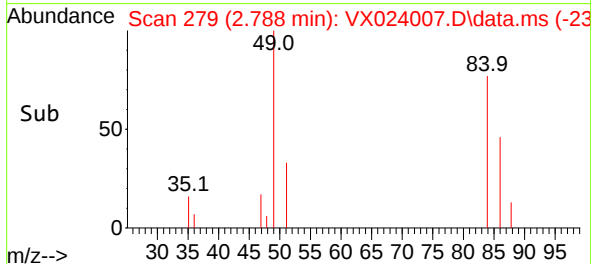
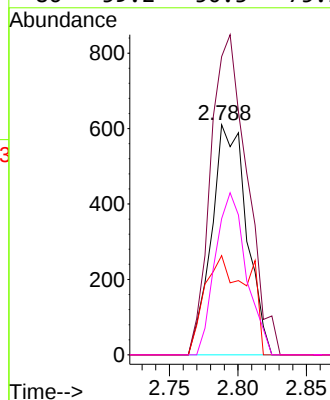
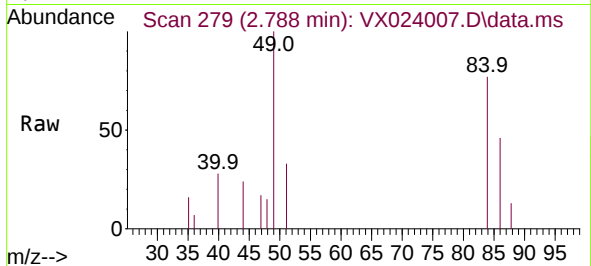




#20
Methylene Chloride
Concen: 0.546 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

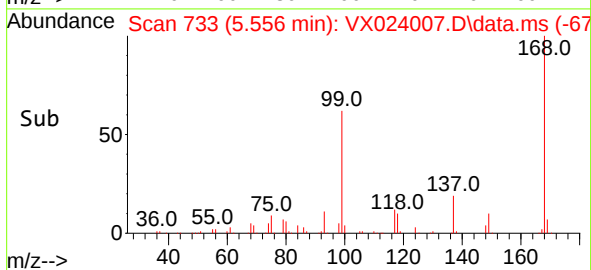
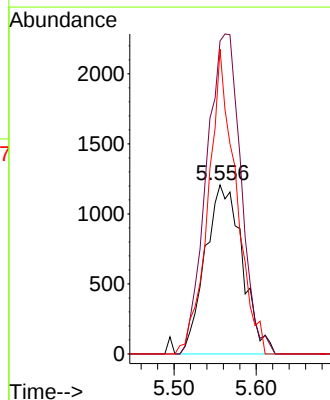
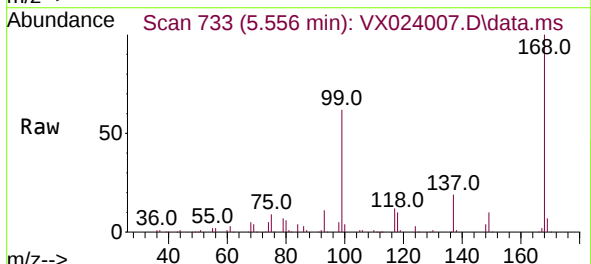
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

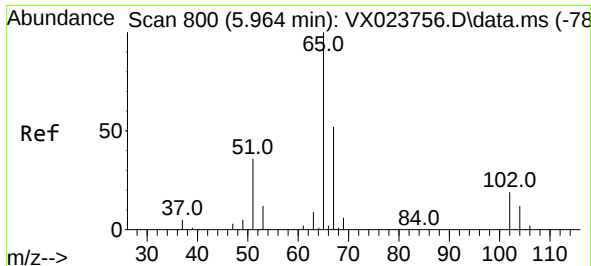
Tgt Ion:	84	Resp:	1088
Ion	Ratio	Lower	Upper
84	100		
49	129.7	88.6	132.8
51	43.1	27.0	40.6#
86	59.2	50.3	75.5



#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Tgt Ion:	56	Resp:	3786
Ion	Ratio	Lower	Upper
56	100		
69	185.3	25.3	37.9#
84	180.4	71.4	107.0#

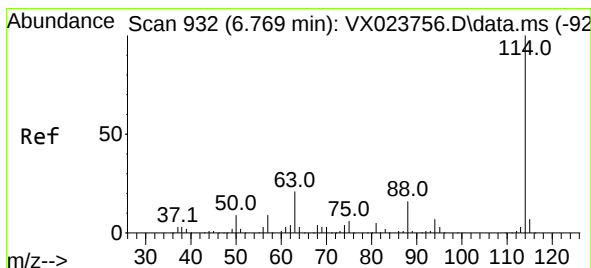
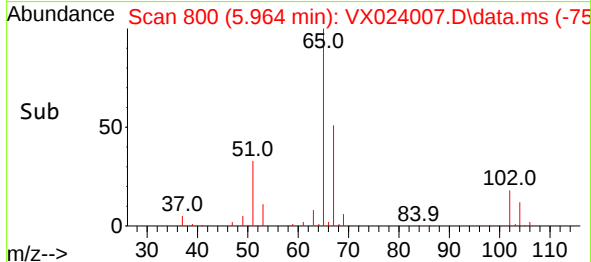
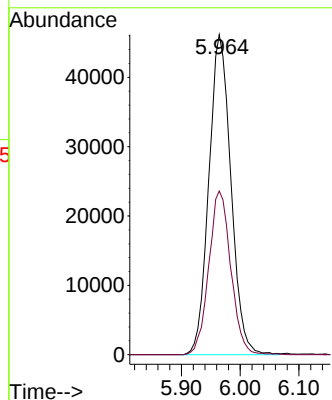
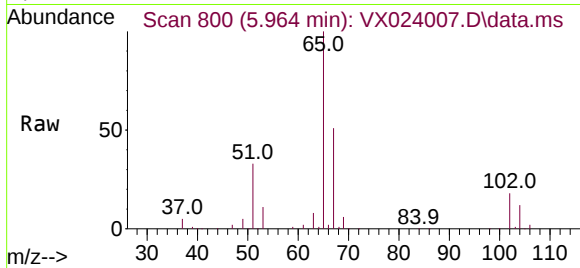




#33
1,2-Dichloroethane-d4
Concen: 51.567 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

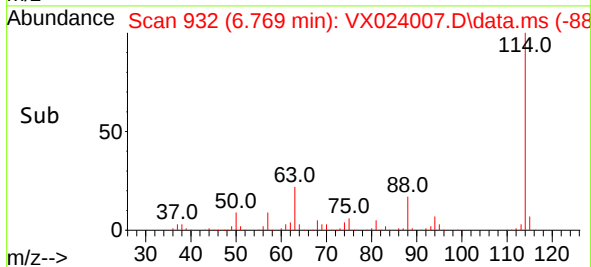
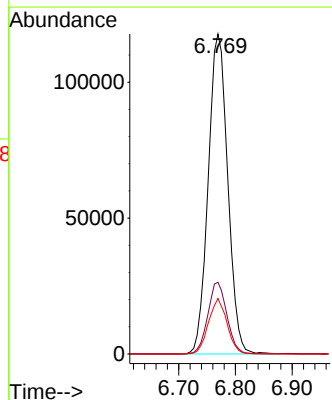
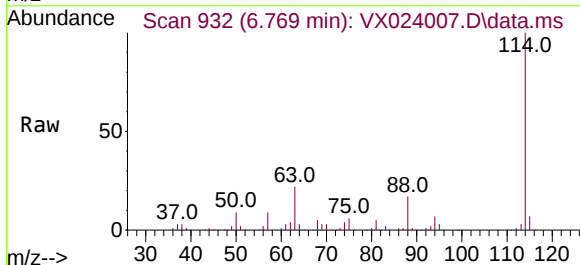
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

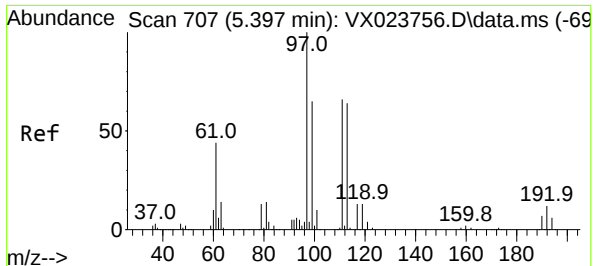
Tgt Ion: 65 Resp: 120299
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 114 Resp: 282280
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.041 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024007.D

Acq: 30 Aug 2021 10:37

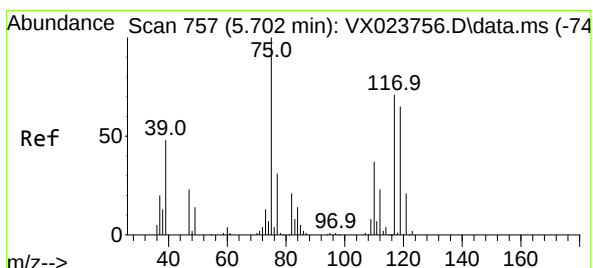
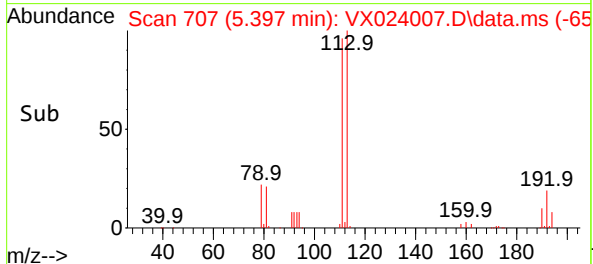
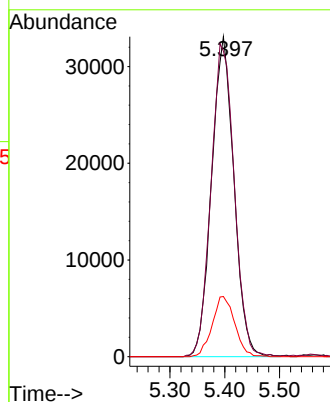
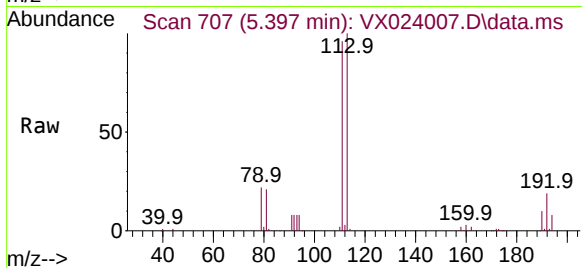
Tgt Ion:113 Resp: 93493

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

192 19.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.250 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX024007.D

Acq: 30 Aug 2021 10:37

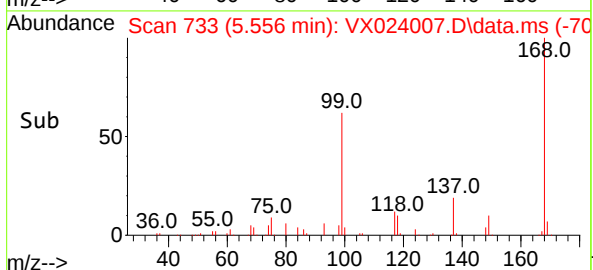
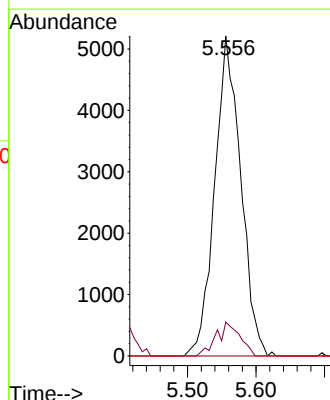
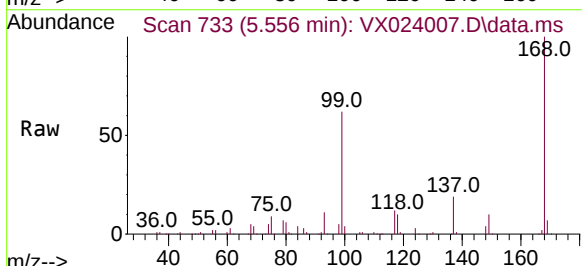
Tgt Ion: 75 Resp: 13725

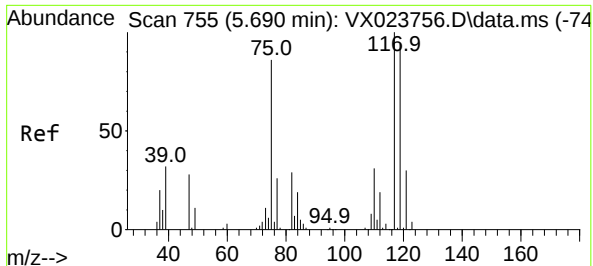
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

77 0.0 25.3 37.9#

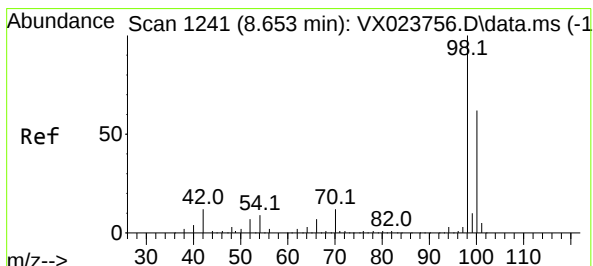
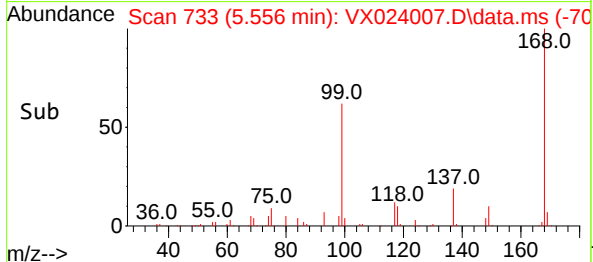
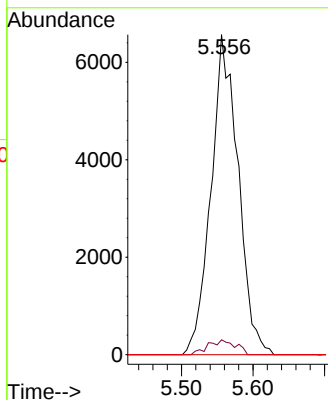
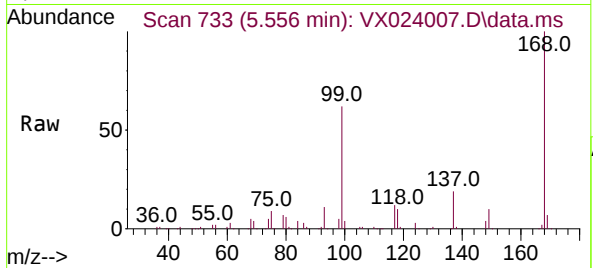




#38
Carbon Tetrachloride
Concen: 6.339 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

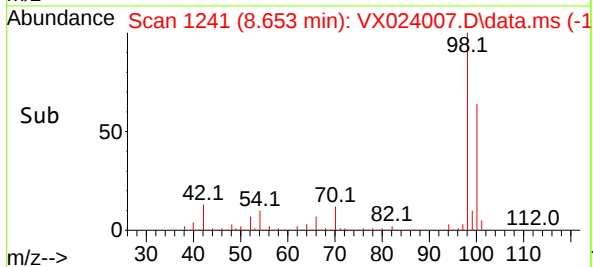
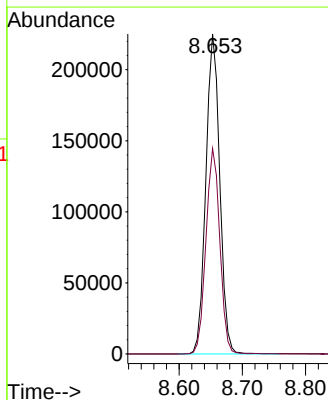
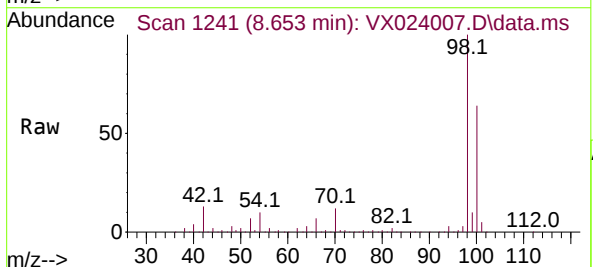
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

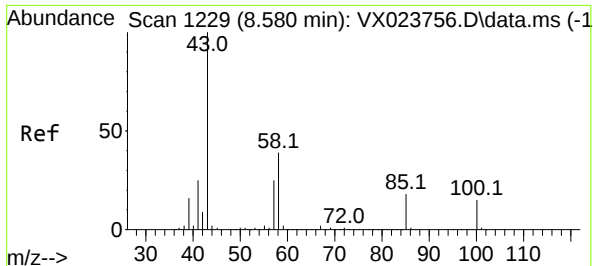
Tgt Ion:117 Resp: 17281
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.440 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 98 Resp: 344457
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

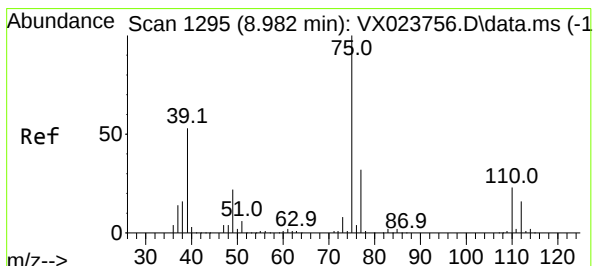
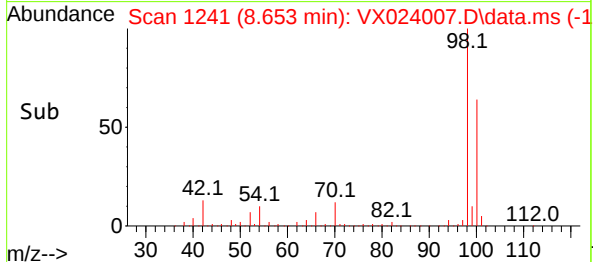
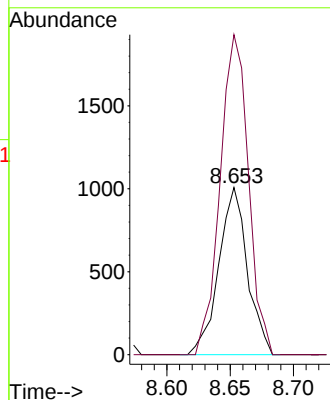
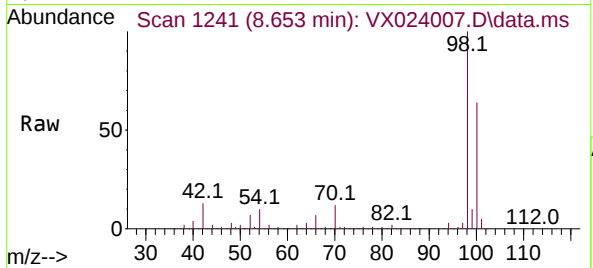




#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

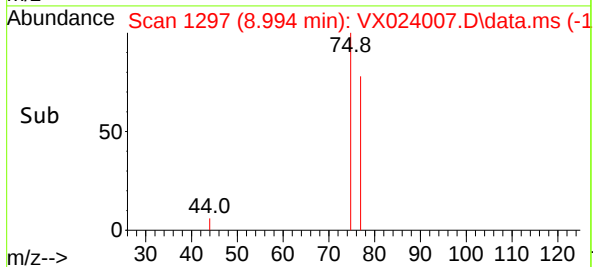
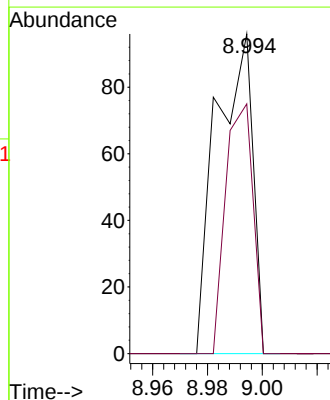
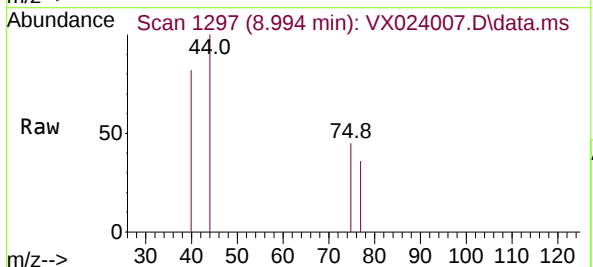
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

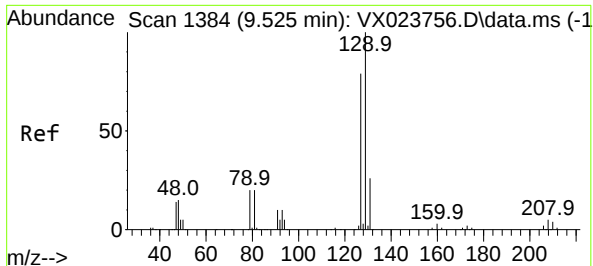
Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 189.4 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 2.163 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 75 Resp: 89
Ion Ratio Lower Upper
75 100
77 78.1 24.9 37.3#

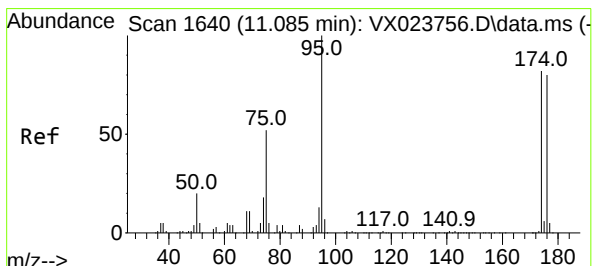
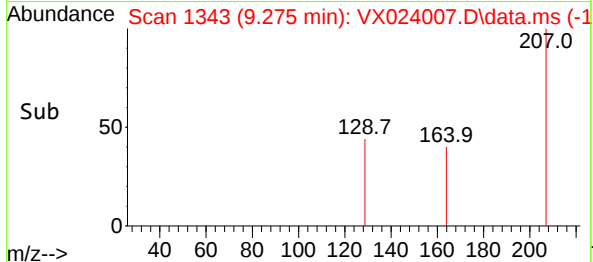
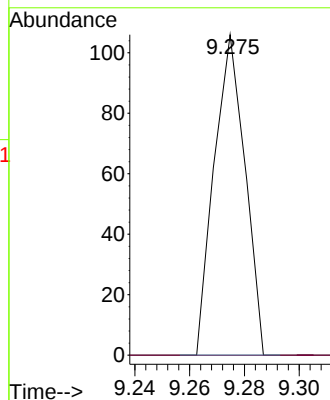
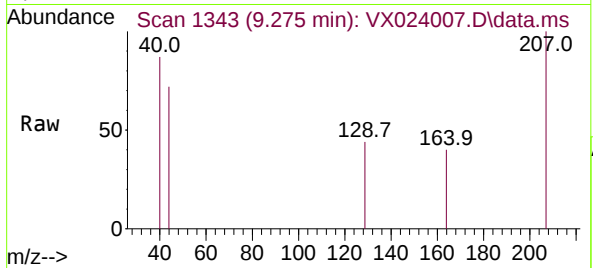




#60
Dibromochloromethane
Concen: 1.723 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

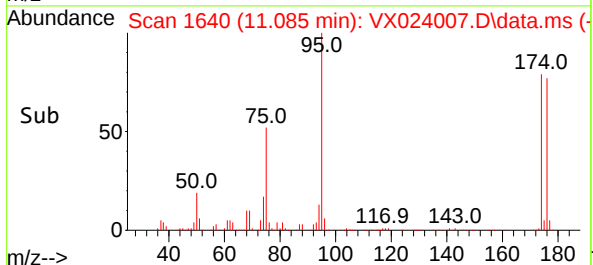
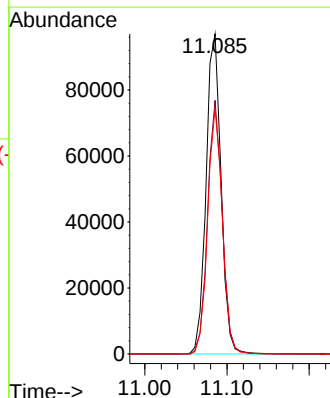
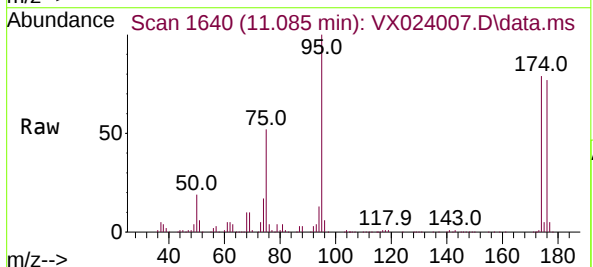
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

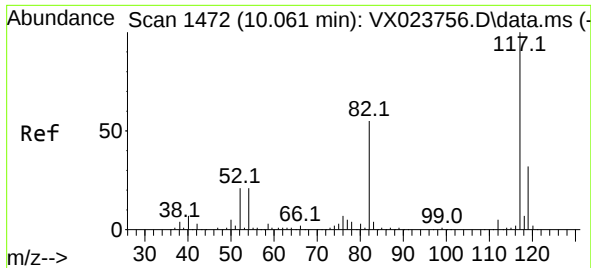
Tgt Ion:129 Resp: 83
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.862 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 95 Resp: 122672
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 75.2 0.0 155.8

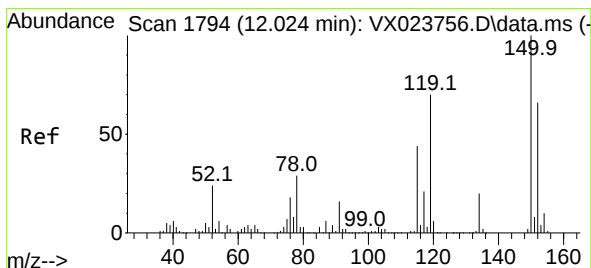
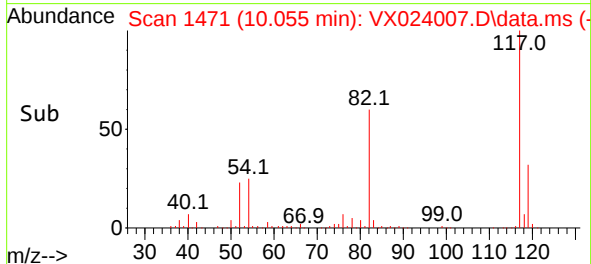
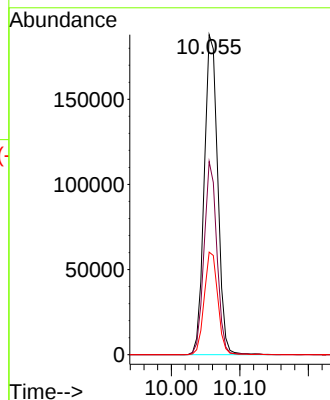
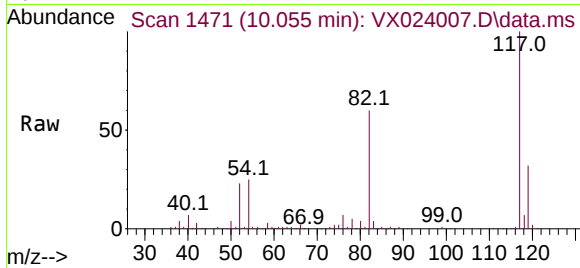




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

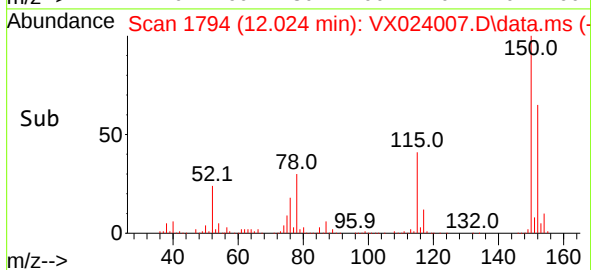
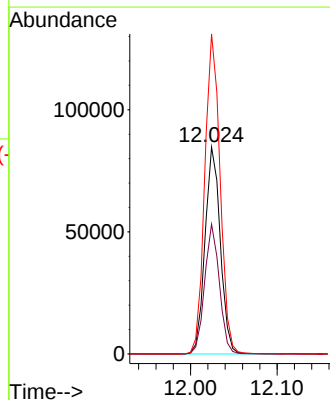
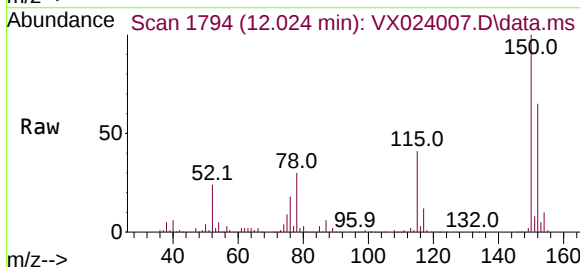
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

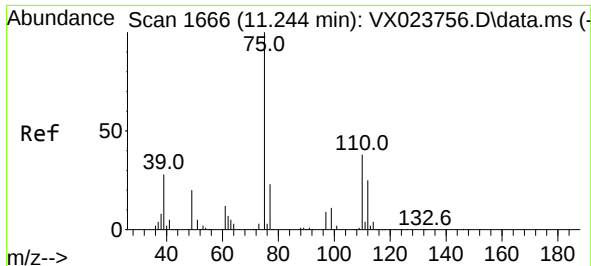
Tgt Ion:117 Resp: 258095
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Tgt Ion:152 Resp: 103934
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 154.8 0.0 349.0

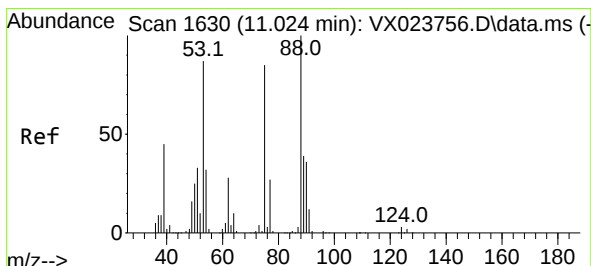
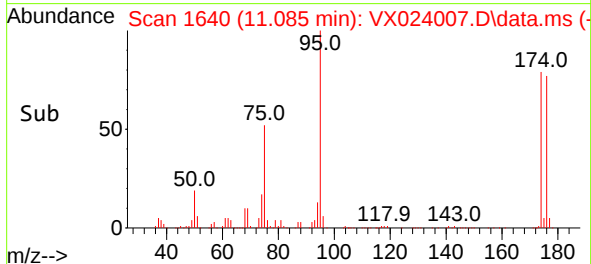
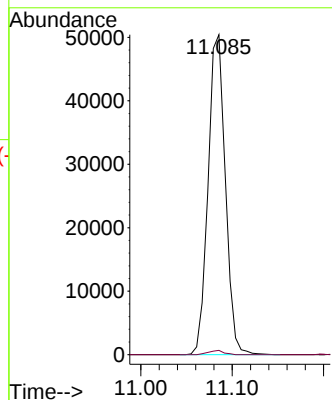
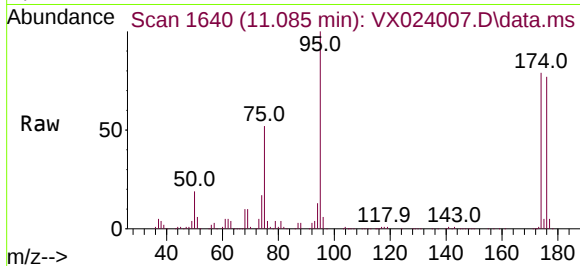




#76
1,2,3-Trichloropropane
Concen: 27.219 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

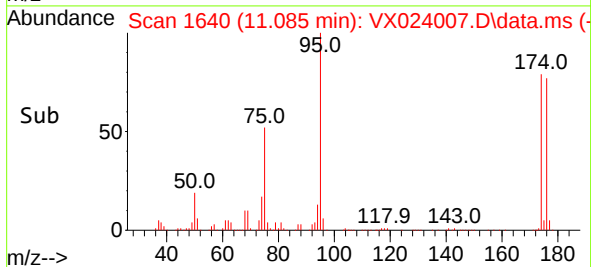
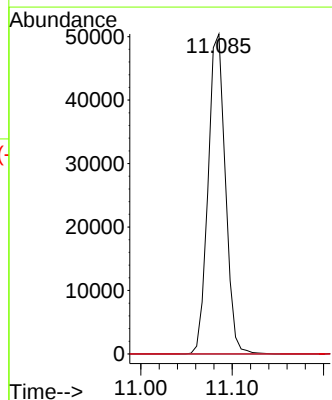
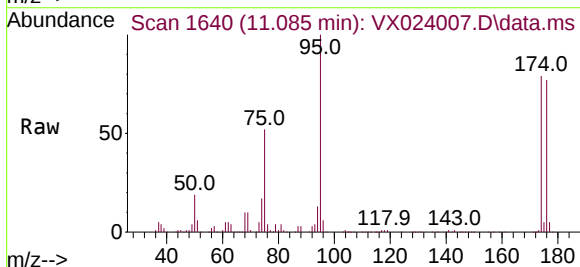
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

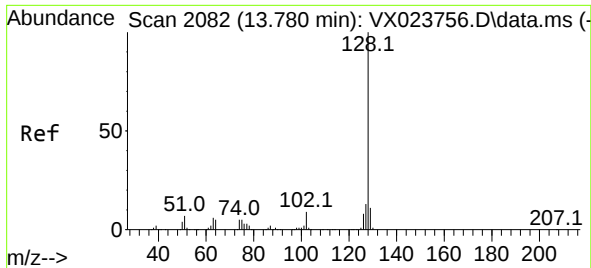
Tgt Ion: 75 Resp: 65993
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.066 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Tgt Ion: 75 Resp: 65993
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.316 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024007.D
Acq: 30 Aug 2021 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

Tgt Ion:128 Resp: 262
Ion Ratio Lower Upper
128 100
127 14.9 10.3 15.5
129 0.0 8.8 13.2#

