

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024805.D
 Acq On : 13 Oct 2021 23:53
 Operator : JC/MD
 Sample : M4153-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-5

Quant Time: Oct 14 03:59:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

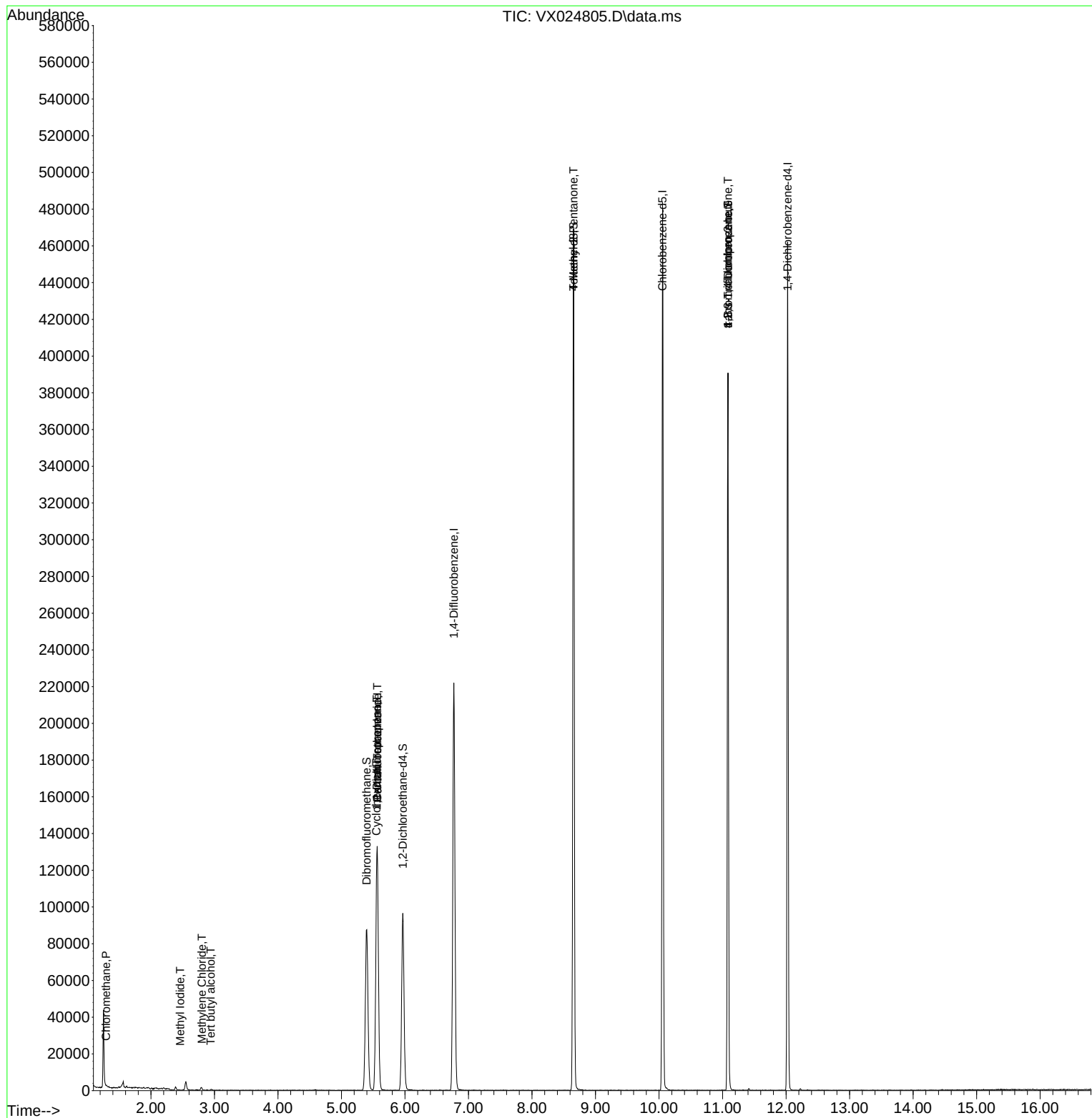
Internal Standards						
1) Pentafluorobenzene	5.562	168	122955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96487	63.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 127.700%#	
35) Dibromofluoromethane	5.397	113	75349	57.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.640%	
50) Toluene-d8	8.653	98	271197	56.257	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 112.520%#	
62) 4-Bromofluorobenzene	11.085	95	101815	53.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	471	0.413	ug/l #	85
5) Bromomethane	1.618	94	288	Below Cal		85
10) Methyl Iodide	2.459	142	132	1.003	ug/l #	37
11) Tert butyl alcohol	2.941	59	187	0.587	ug/l #	72
16) Acetone	2.386	43	1828	Below Cal	#	88
20) Methylene Chloride	2.800	84	809	0.631	ug/l #	72
31) Cyclohexane	5.550	56	2693	1.338	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10037	5.181	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13229	6.094	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1050	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	53760	27.361	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	53760	73.634	ug/l #	9

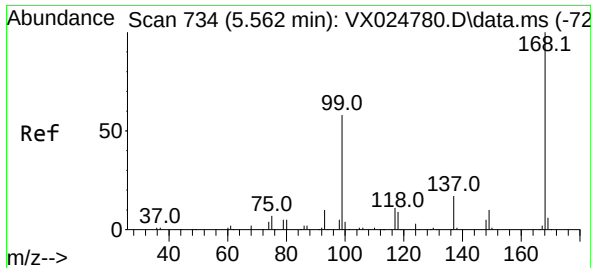
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-REF-5

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Quant Title : SW846 8260
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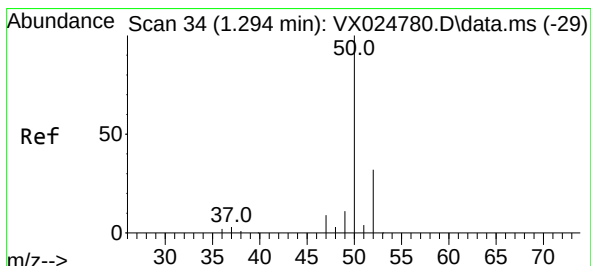
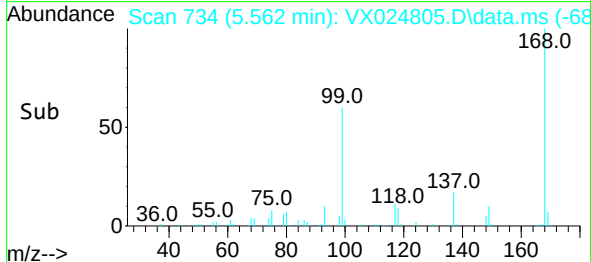
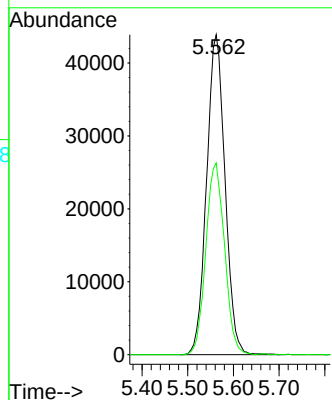
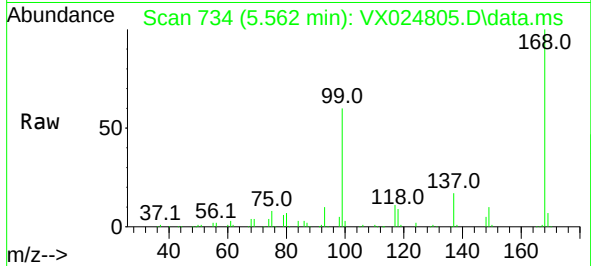




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

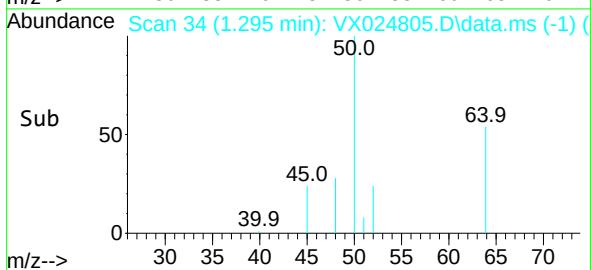
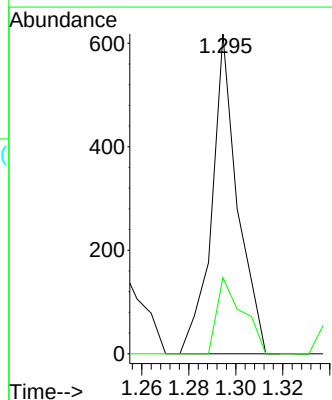
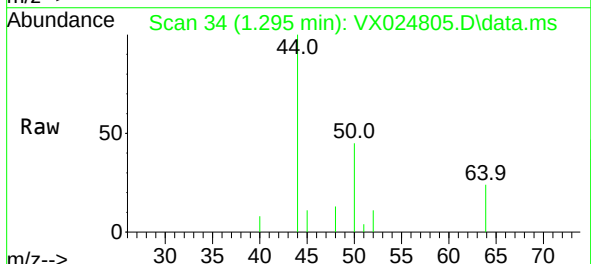
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-5

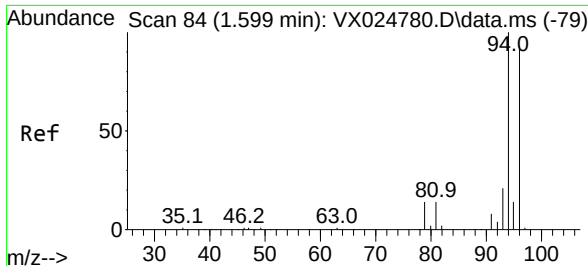
Tgt Ion:168 Resp: 122955
Ion Ratio Lower Upper
168 100
99 59.9 46.4 69.6



#3
Chloromethane
Concen: 0.413 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

Tgt Ion: 50 Resp: 471
Ion Ratio Lower Upper
50 100
52 23.8 25.9 38.9#

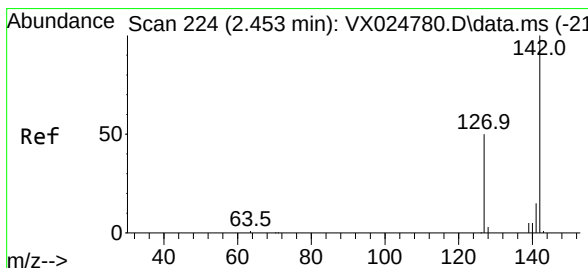
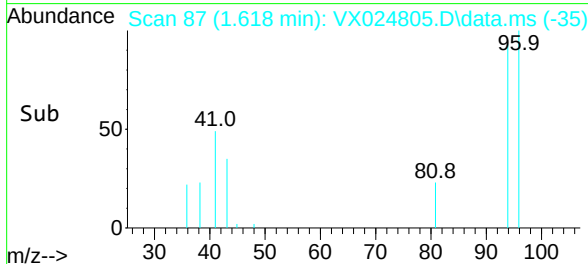
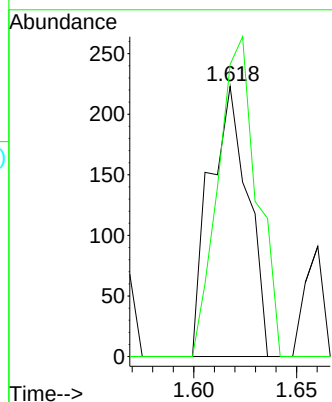
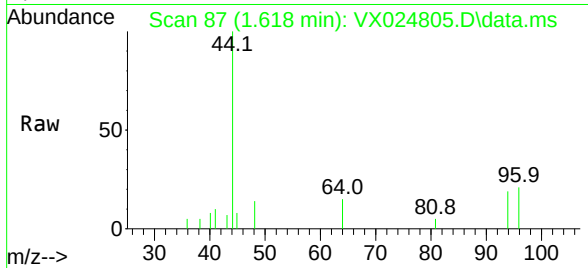




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

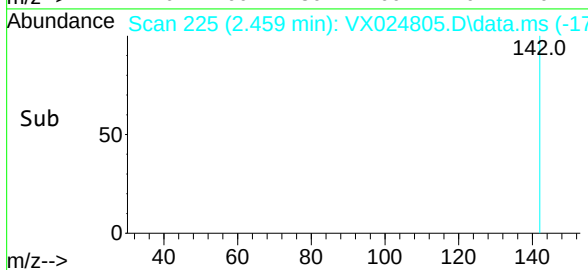
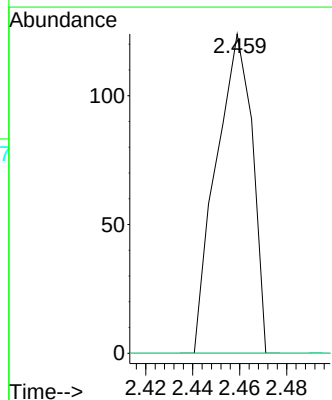
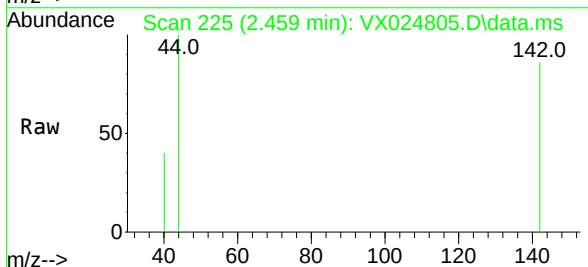
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-5

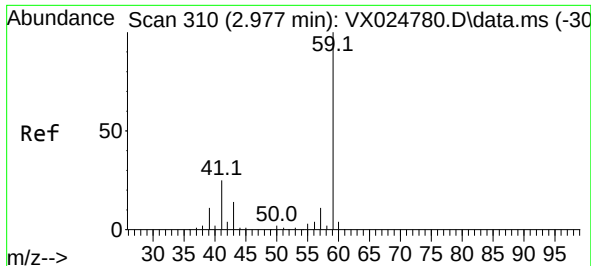
Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 108.1 74.8 112.2



#10
Methyl Iodide
Concen: 1.003 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

Tgt Ion: 142 Resp: 132
Ion Ratio Lower Upper
142 100
127 0.0 38.9 58.3#
141 0.0 11.7 17.5#



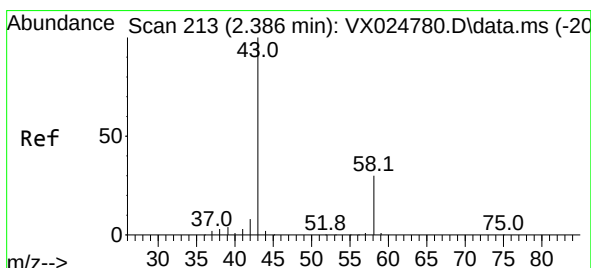
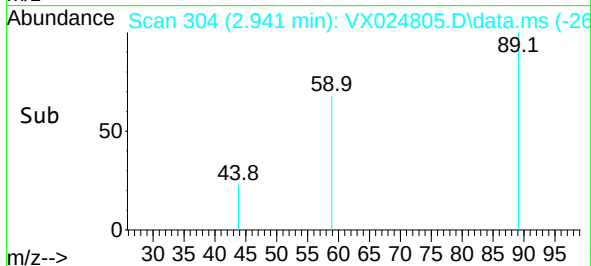
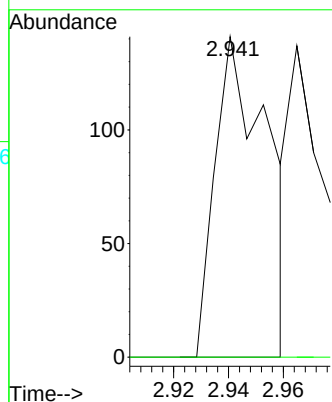
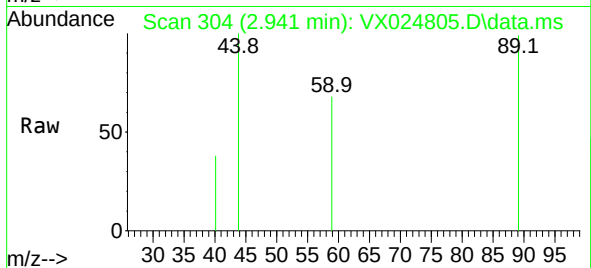


#11

Tert butyl alcohol
Concen: 0.587 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-5

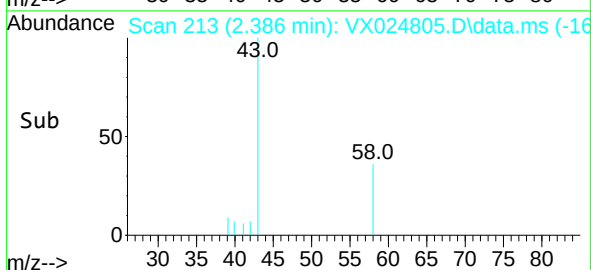
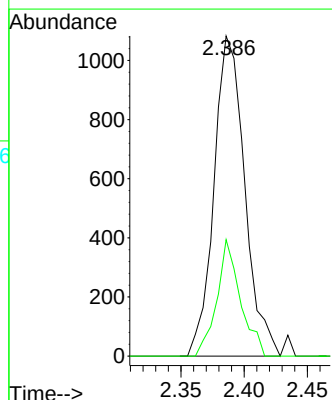
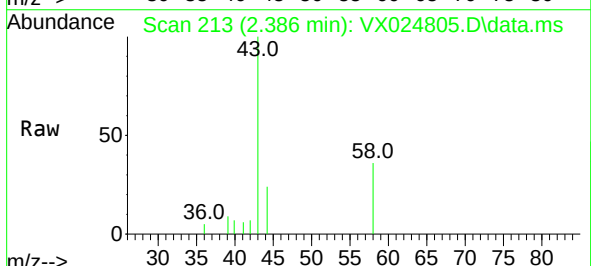
Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

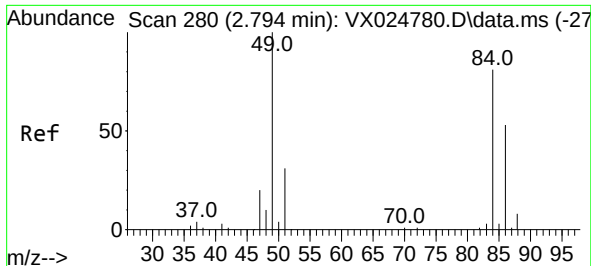


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
58 36.4 24.0 36.0#

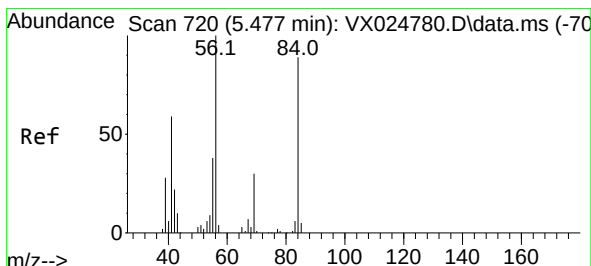
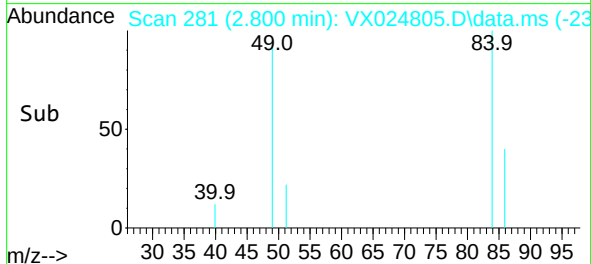
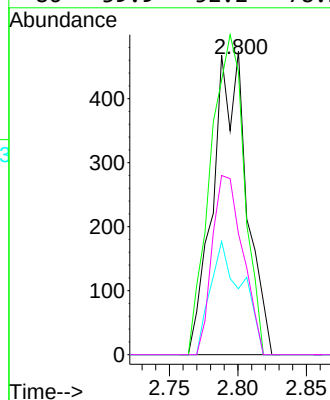
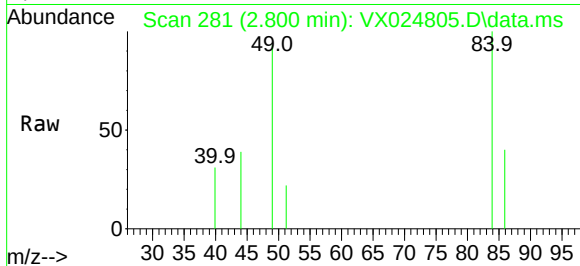




#20
Methylene Chloride
Concen: 0.631 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

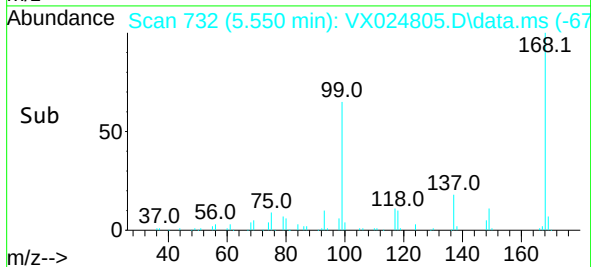
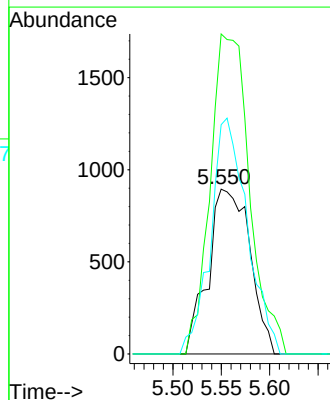
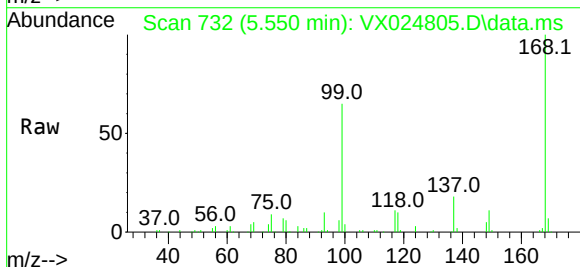
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-5

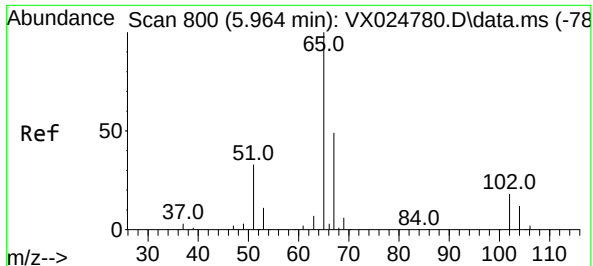
Tgt Ion: 84	Resp: 809
Ion Ratio	Lower Upper
84 100	
49 93.2	98.2 147.2#
51 21.7	30.2 45.4#
86 39.9	52.2 78.2#



#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

Tgt Ion: 56	Resp: 2693
Ion Ratio	Lower Upper
56 100	
69 194.1	24.2 36.2#
84 139.1	71.5 107.3#



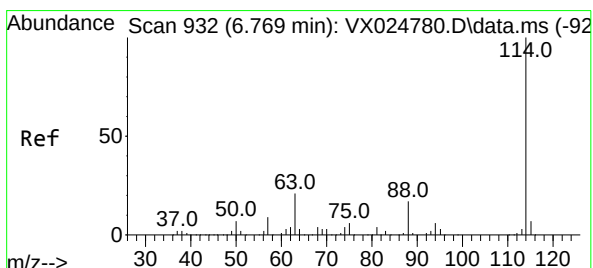
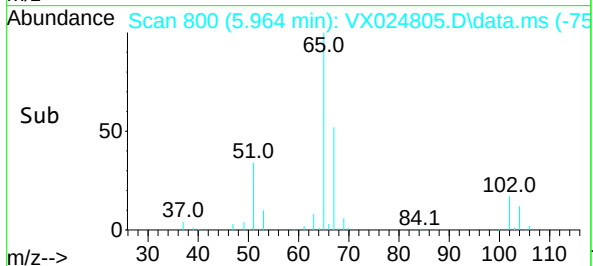
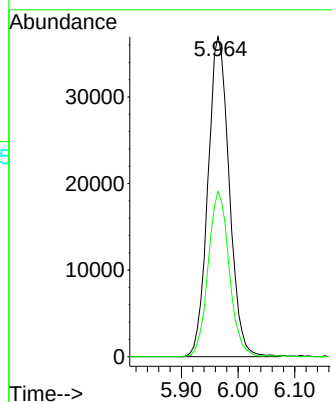
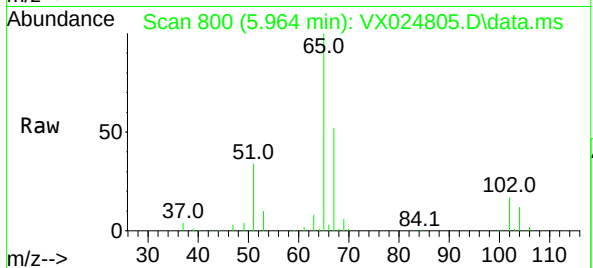


#33

1,2-Dichloroethane-d4
Concen: 63.847 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-5

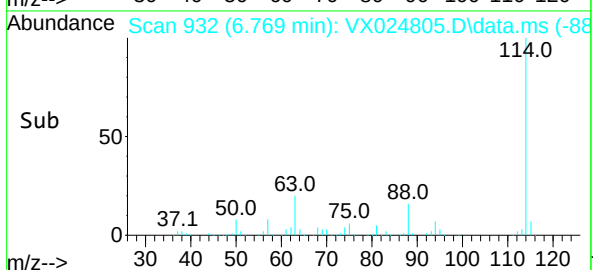
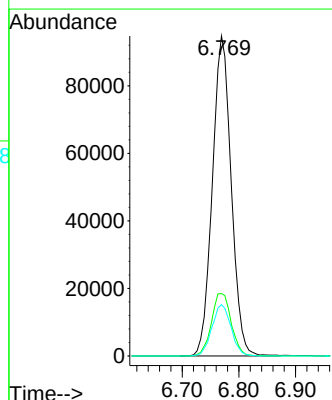
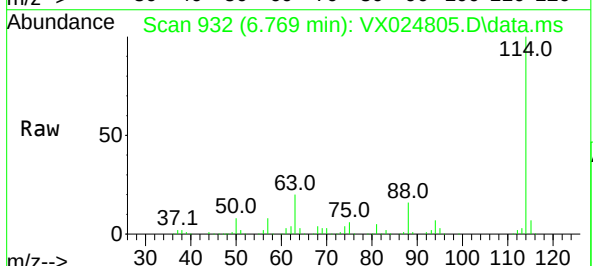
Tgt Ion: 65 Resp: 96487
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.0

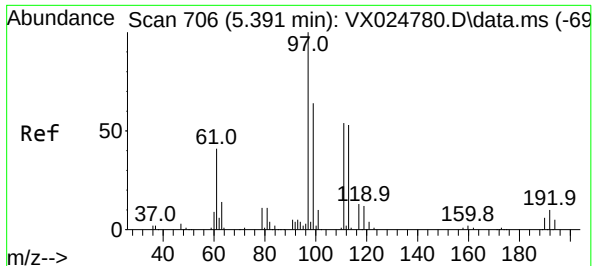


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

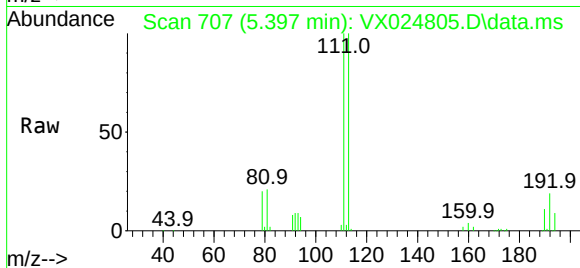
Tgt Ion: 114 Resp: 218914
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.0
88 16.1 0.0 34.8



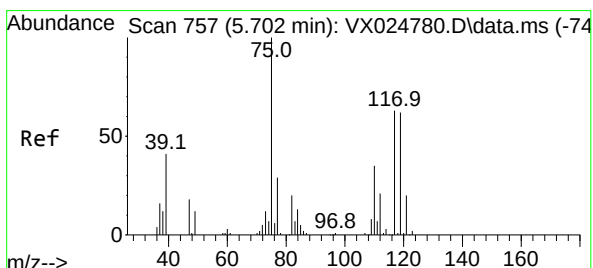
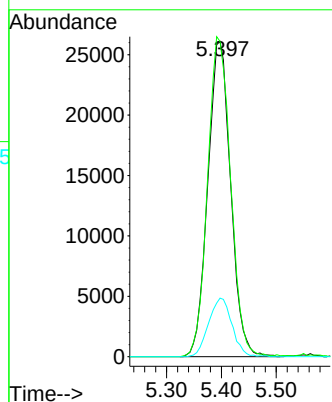
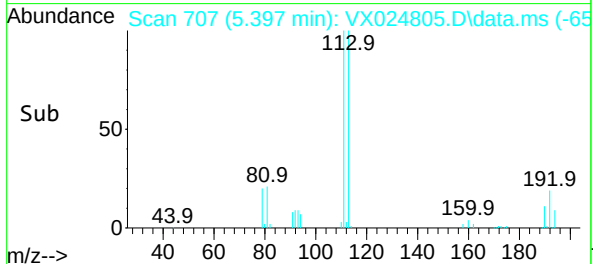


#35
Dibromofluoromethane
Concen: 57.817 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

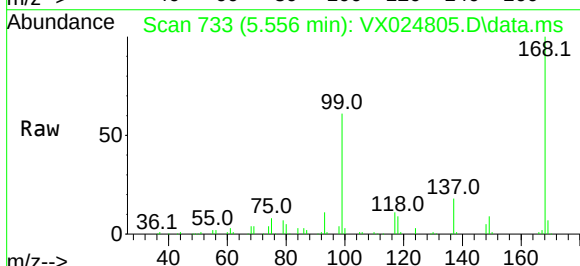
Instrument :
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ClientSampleId :
STORAGE-BLANK-REF-5



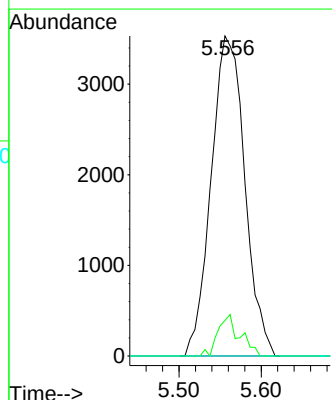
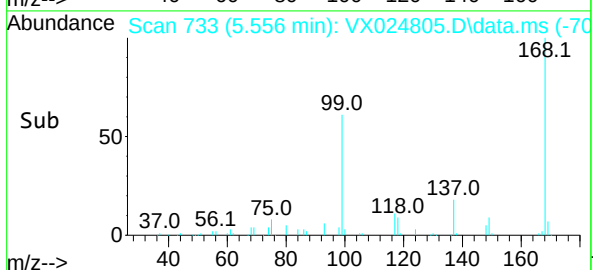
Tgt Ion:113 Resp: 75349
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 19.1 15.6 23.4

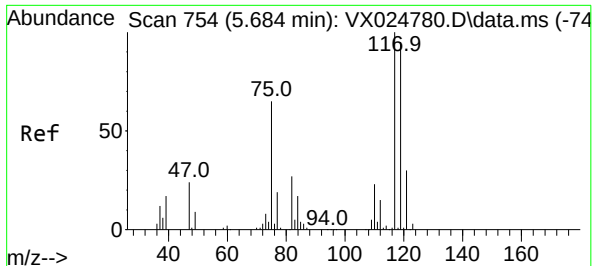


#36
1,1-Dichloropropene
Concen: 5.181 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53



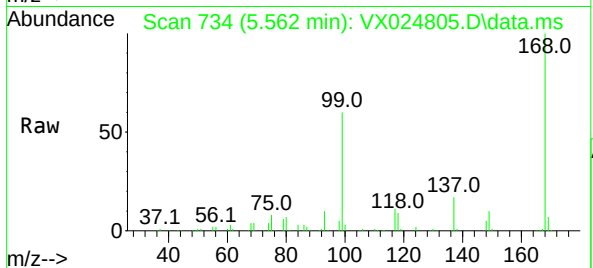
Tgt Ion: 75 Resp: 10037
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.3#
77 0.0 24.4 36.6#



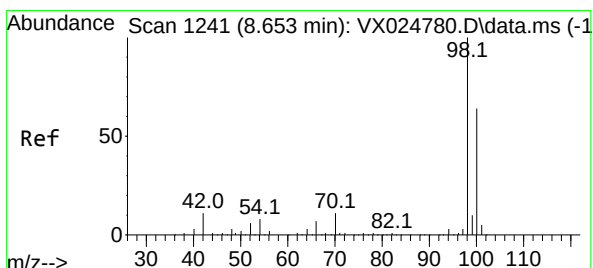
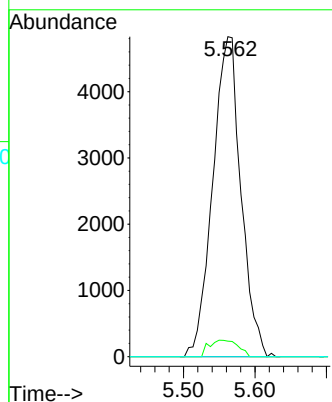
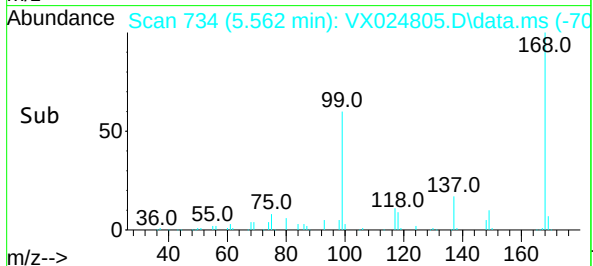


#38
Carbon Tetrachloride
Concen: 6.094 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

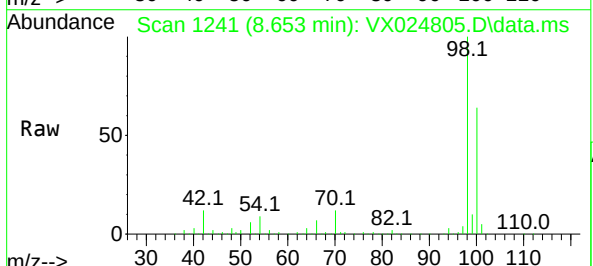
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-5



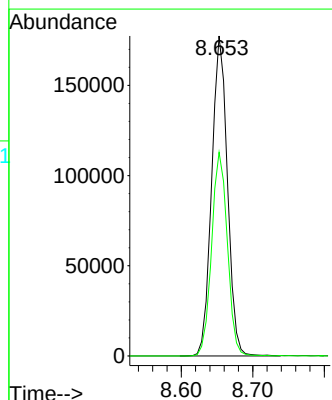
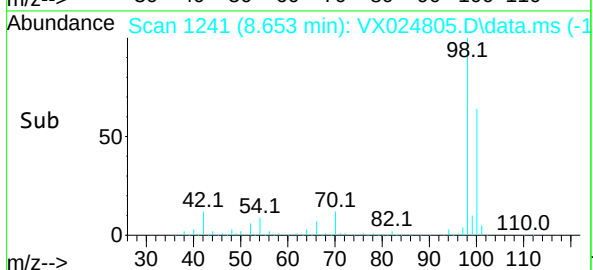
Tgt Ion:117 Resp: 13229
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 23.7 35.5#

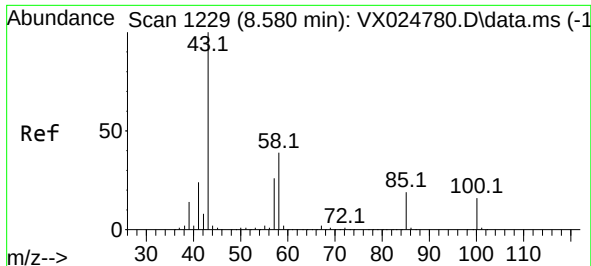


#50
Toluene-d8
Concen: 56.257 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53



Tgt Ion: 98 Resp: 271197
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0

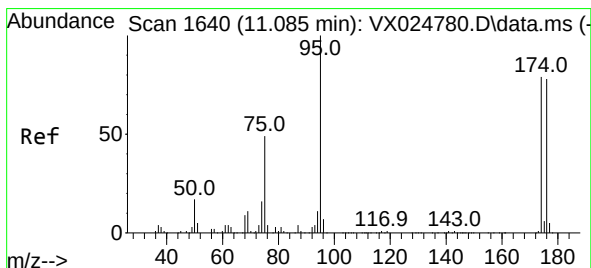
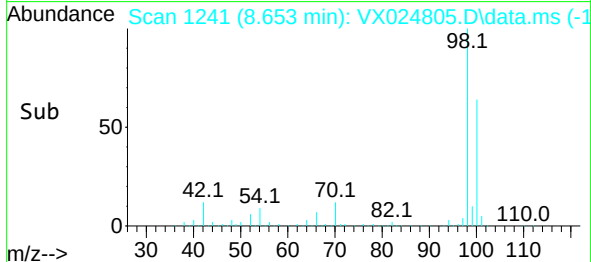
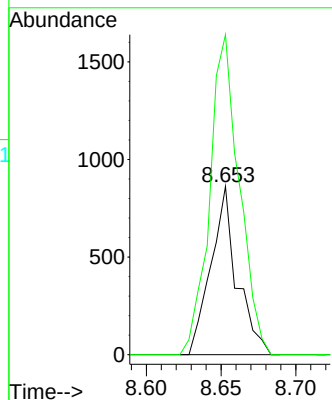
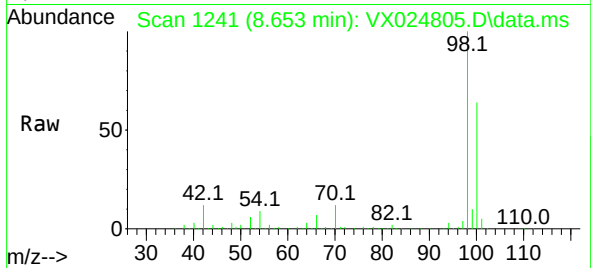




#51
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

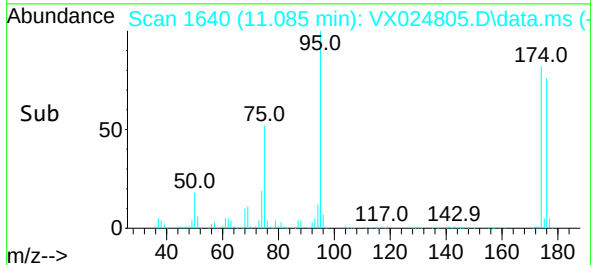
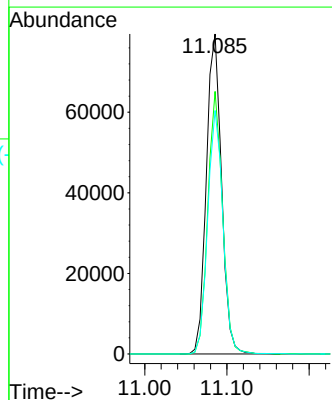
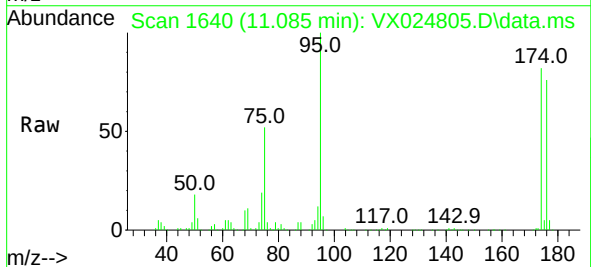
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-5

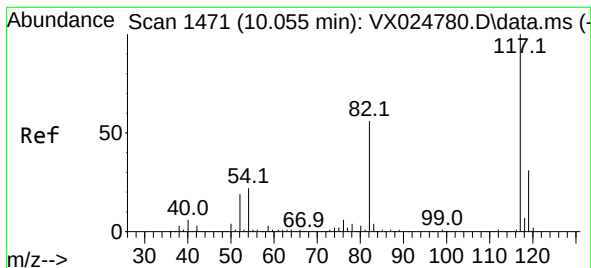
Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 215.0 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 53.700 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

Tgt Ion: 95 Resp: 101815
Ion Ratio Lower Upper
95 100
174 79.6 0.0 158.0
176 76.3 0.0 153.6

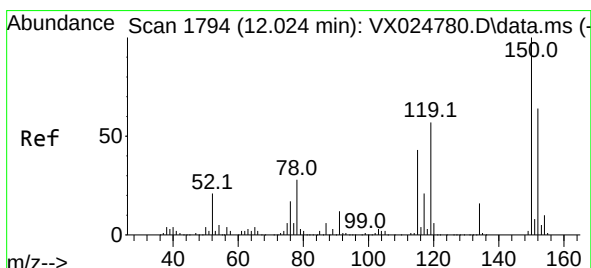
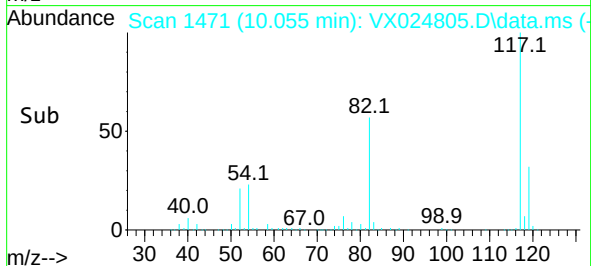
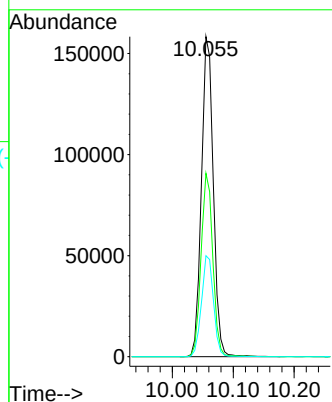
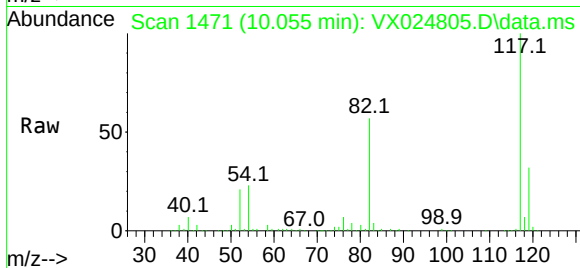




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

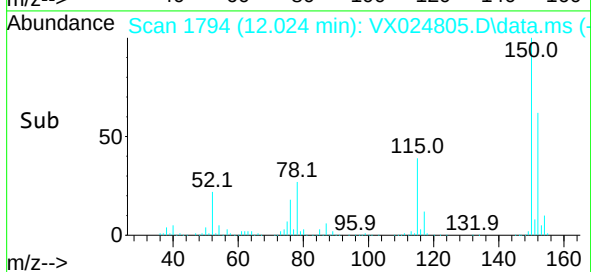
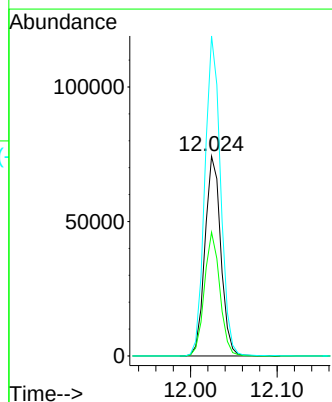
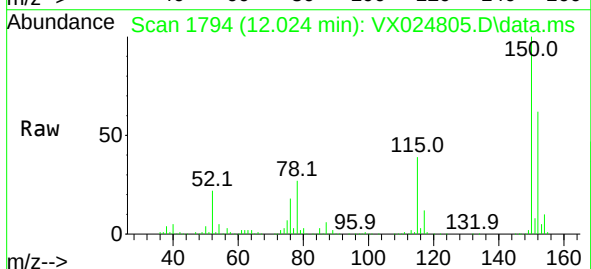
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-5

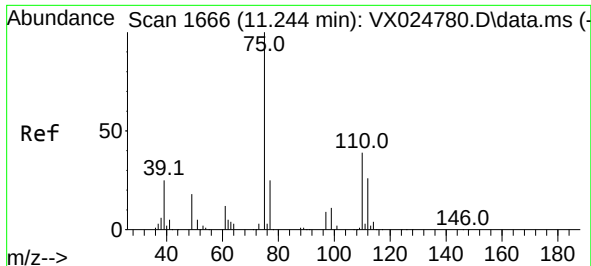
Tgt Ion:117 Resp: 214713
Ion Ratio Lower Upper
117 100
82 57.3 44.6 67.0
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

Tgt Ion:152 Resp: 94179
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.8
150 159.1 0.0 351.2

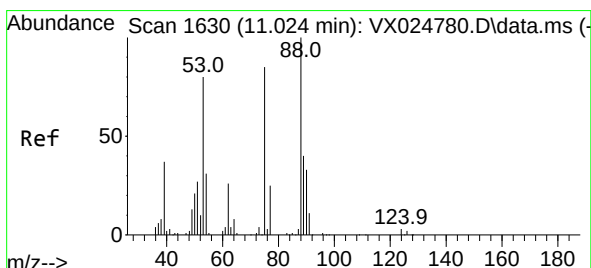
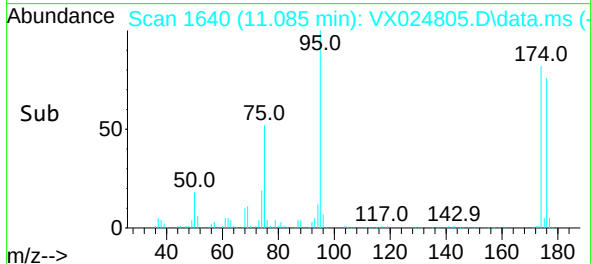
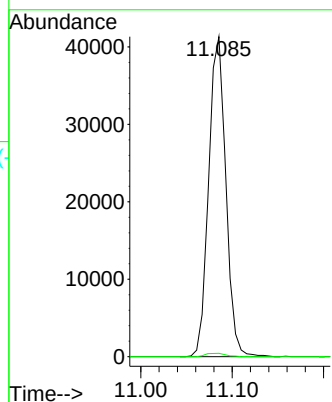
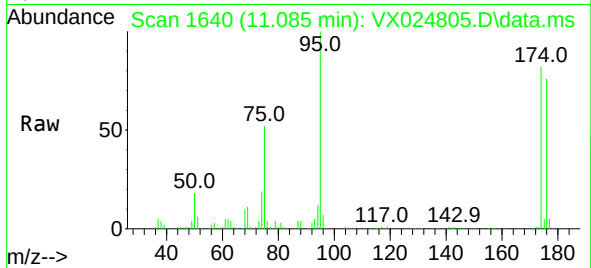




#76
1,2,3-Trichloropropane
Concen: 27.361 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-5

Tgt Ion: 75 Resp: 53760
Ion Ratio Lower Upper
75 100
77 1.3 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.634 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024805.D
Acq: 13 Oct 2021 23:53

Tgt Ion: 75 Resp: 53760
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

