

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024804.D
 Acq On : 13 Oct 2021 23:30
 Operator : JC/MD
 Sample : M4153-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-6

Quant Time: Oct 14 03:59:30 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)

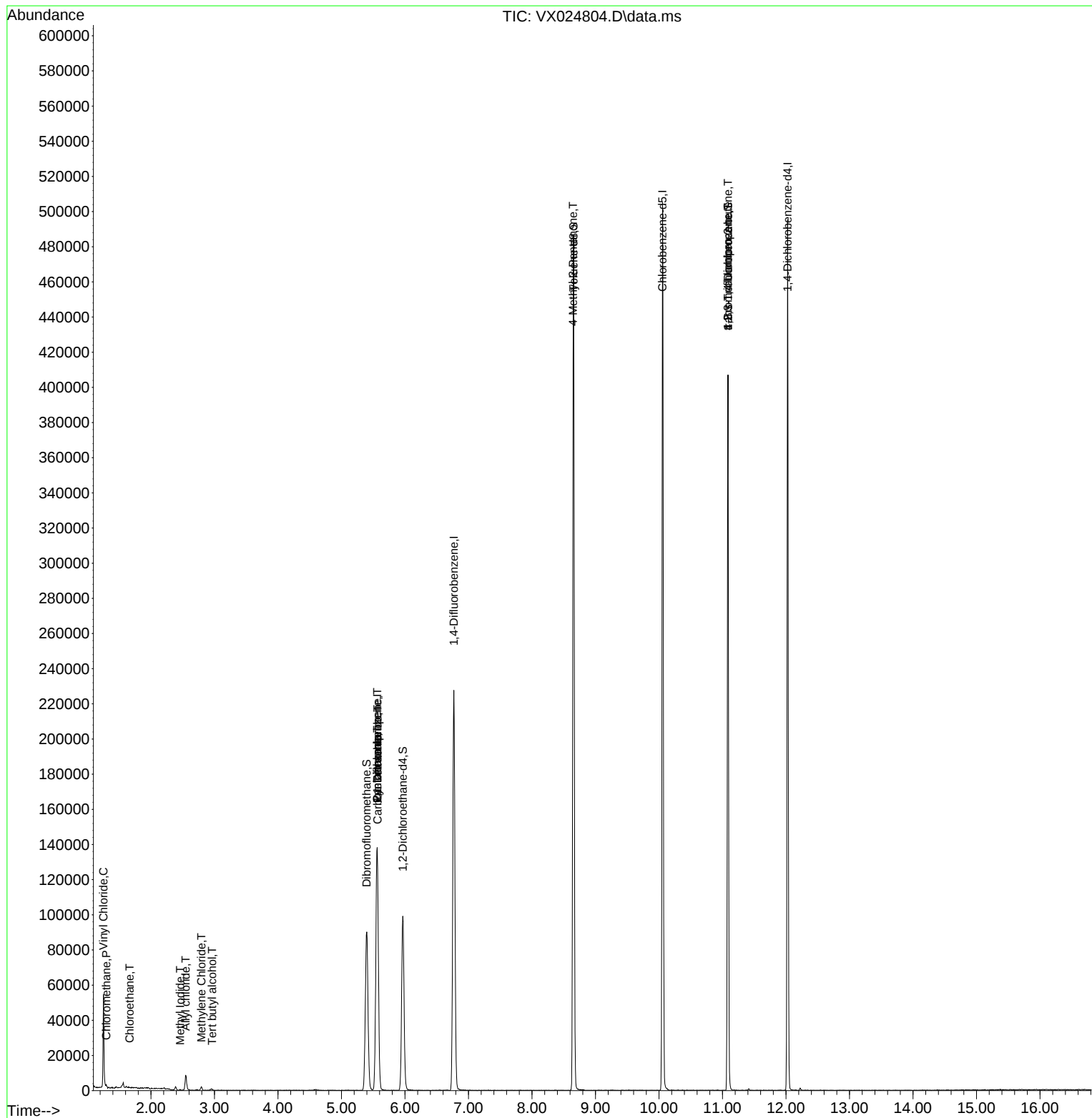
Internal Standards						
1) Pentafluorobenzene	5.562	168	128494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100537	63.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 127.320%#	
35) Dibromofluoromethane	5.397	113	79568	58.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.860%	
50) Toluene-d8	8.653	98	282364	56.533	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 113.060%#	
62) 4-Bromofluorobenzene	11.085	95	106406	54.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.340%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	627	0.526	ug/l	96
4) Vinyl Chloride	1.252	62	345	0.279	ug/l #	1
5) Bromomethane	1.618	94	379	Below Cal		97
6) Chloroethane	1.666	64	212	0.279	ug/l #	43
10) Methyl Iodide	2.459	142	187	1.033	ug/l #	37
11) Tert butyl alcohol	2.965	59	472	1.418	ug/l #	72
14) Allyl chloride	2.544	41	920	0.454	ug/l #	61
16) Acetone	2.386	43	2064	Below Cal		# 81
20) Methylene Chloride	2.794	84	885	0.661	ug/l #	72
31) Cyclohexane	5.562	56	2827	1.344	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10175	5.069	ug/l #	50
38) Carbon Tetrachloride	5.568	117	13423	5.968	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1278	0.538	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55534	26.917	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	55534	72.455	ug/l #	9

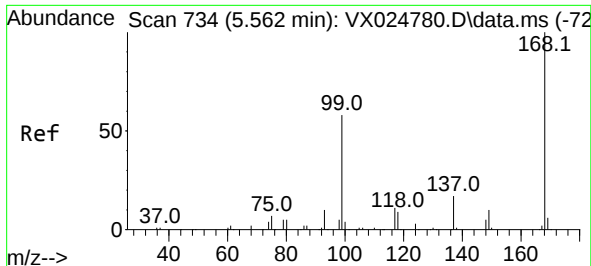
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
Data File : VX024804.D
Acq On : 13 Oct 2021 23:30
Operator : JC/MD
Sample : M4153-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-6

Quant Time: Oct 14 03:59:30 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

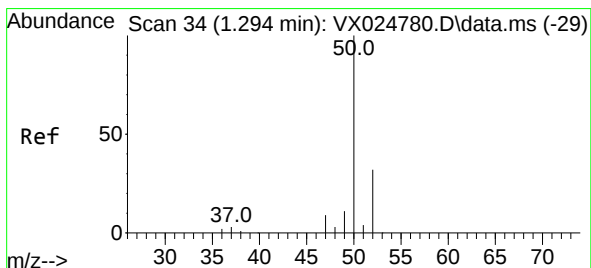
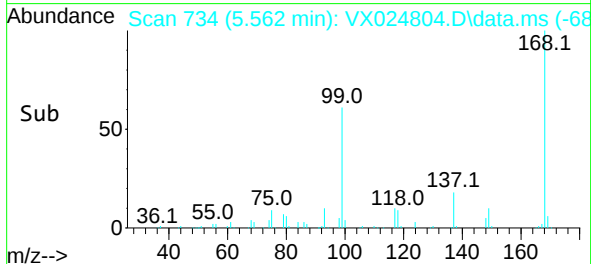
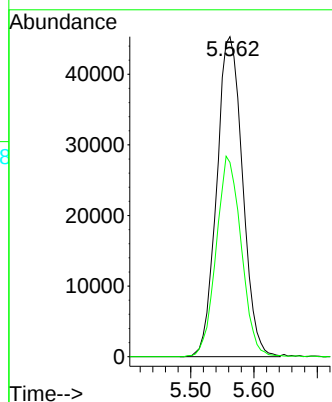
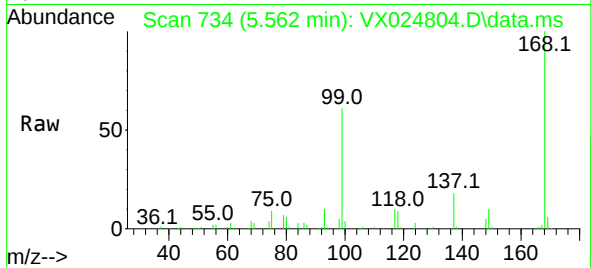




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

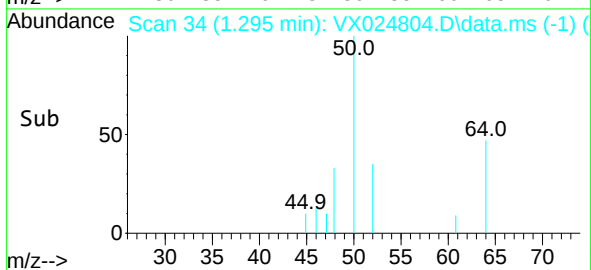
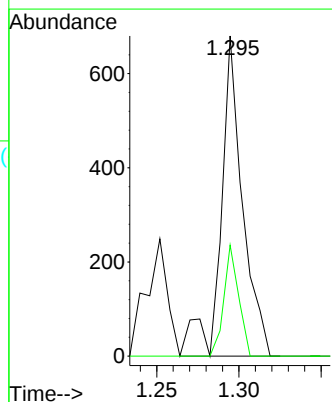
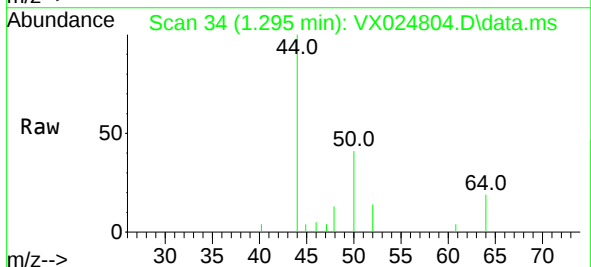
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-6

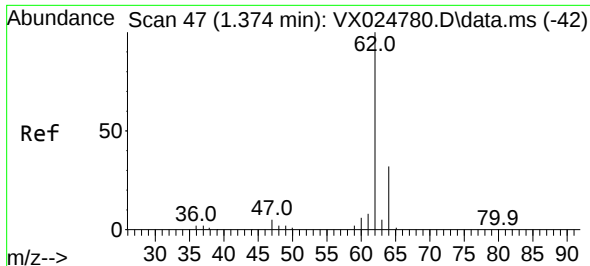
Tgt Ion:168 Resp: 128494
Ion Ratio Lower Upper
168 100
99 60.7 46.4 69.6



#3
Chloromethane
Concen: 0.526 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 34.7 25.9 38.9

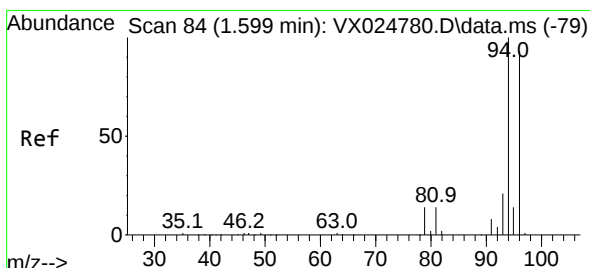
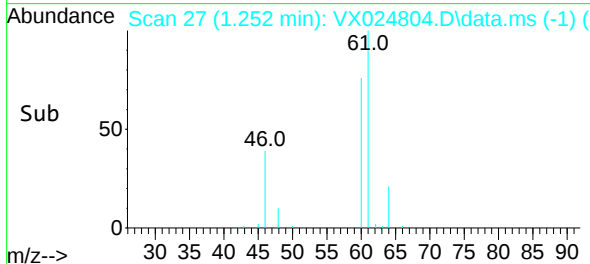
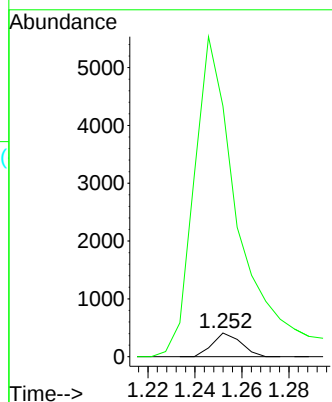
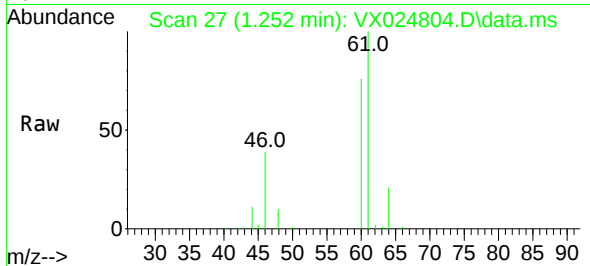




#4
 Vinyl Chloride
 Concen: 0.279 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024804.D
 Acq: 13 Oct 2021 23:30

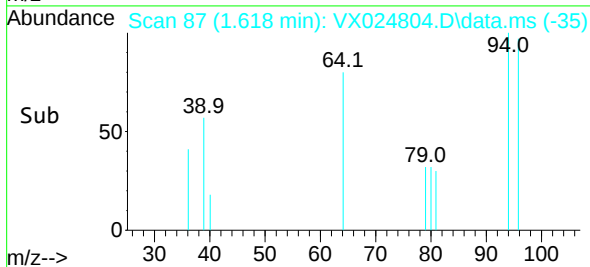
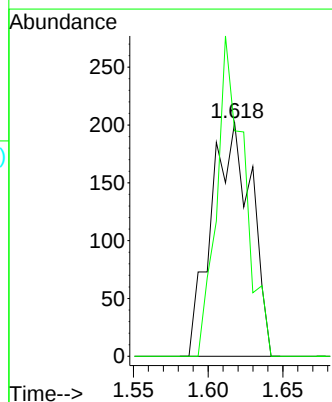
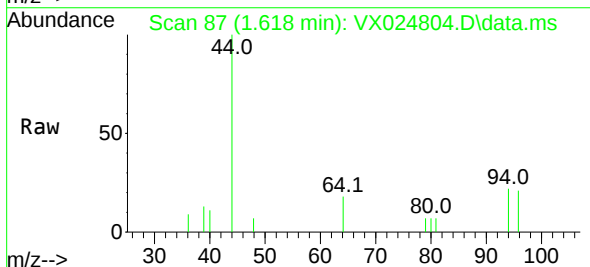
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-6

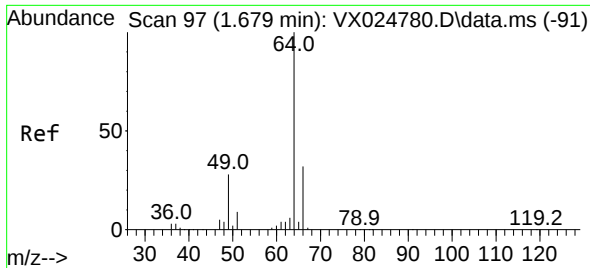
Tgt Ion: 62 Resp: 345
 Ion Ratio Lower Upper
 62 100
 64 912.2 26.0 39.0#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX024804.D
 Acq: 13 Oct 2021 23:30

Tgt Ion: 94 Resp: 379
 Ion Ratio Lower Upper
 94 100
 96 96.5 74.8 112.2

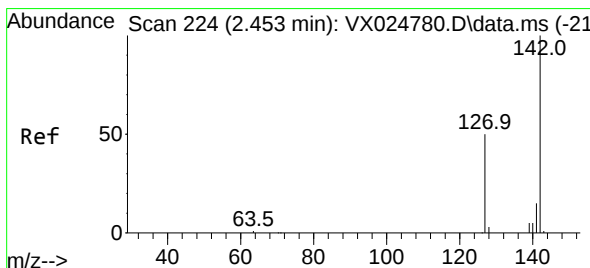
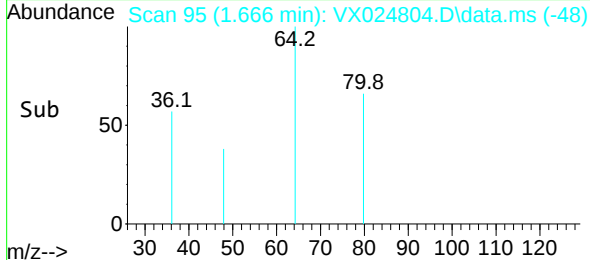
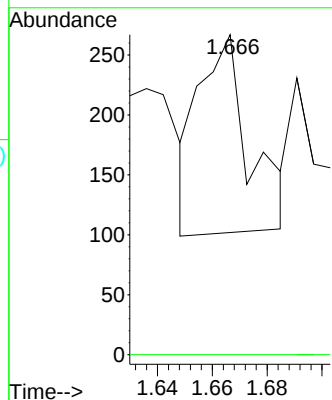
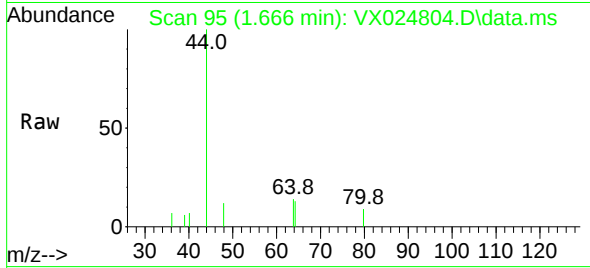




#6
Chloroethane
Concen: 0.279 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

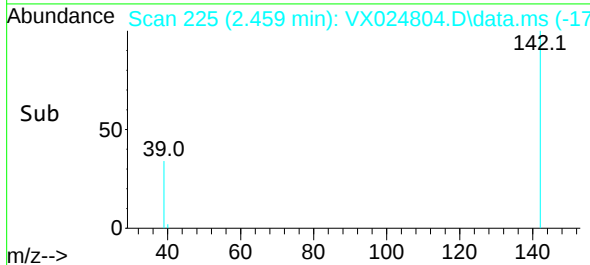
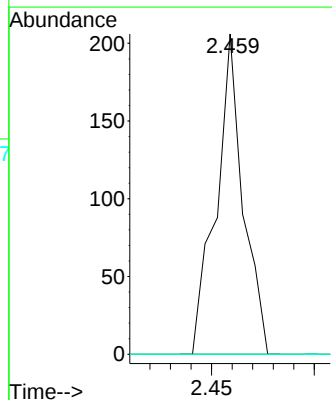
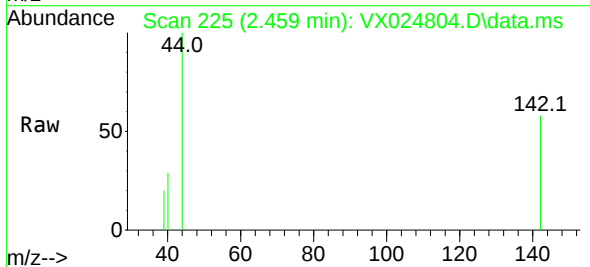
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-6

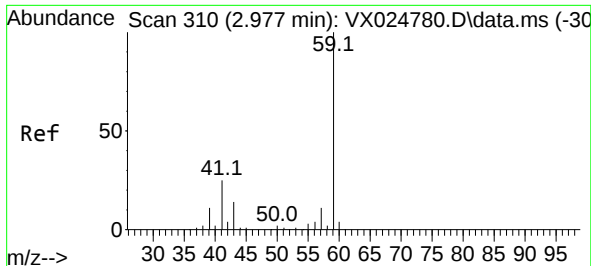
Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#10
Methyl Iodide
Concen: 1.033 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

Tgt Ion: 142 Resp: 187
Ion Ratio Lower Upper
142 100
127 0.0 38.9 58.3#
141 0.0 11.7 17.5#



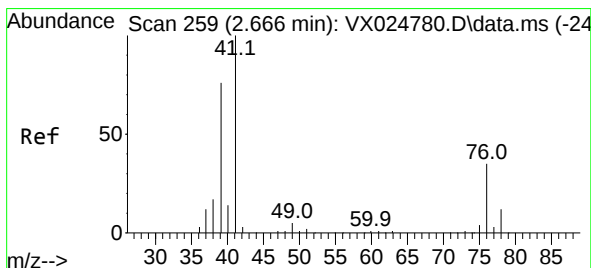
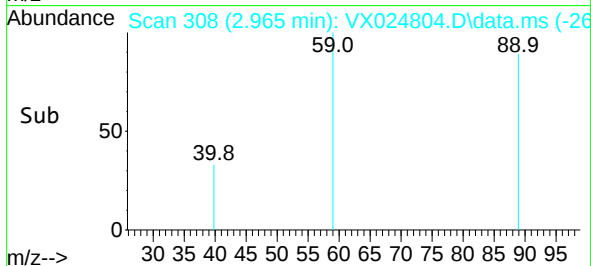
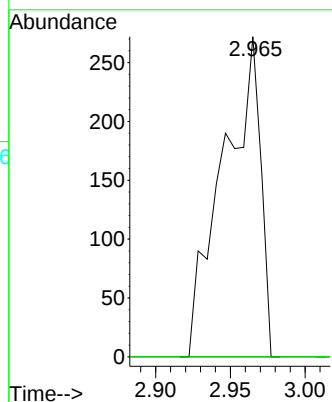
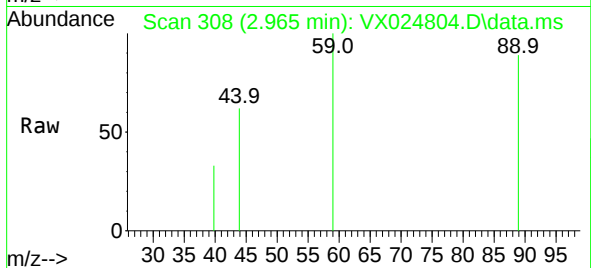


#11

Tert butyl alcohol
Concen: 1.418 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-6

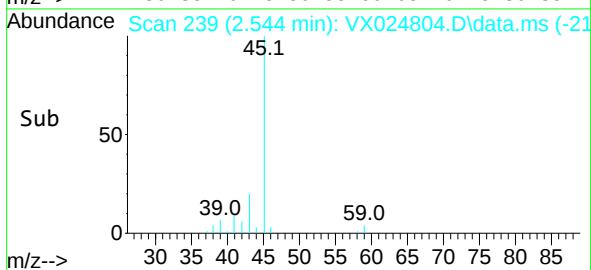
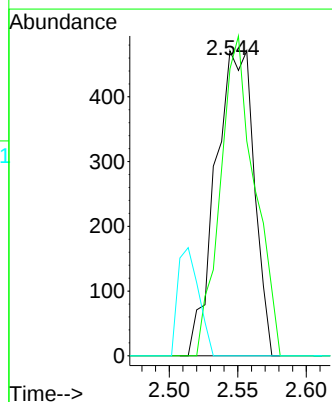
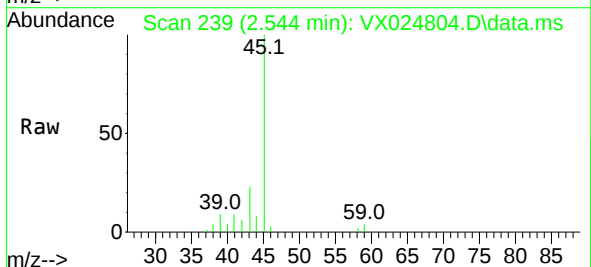
Tgt Ion: 59 Resp: 472
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

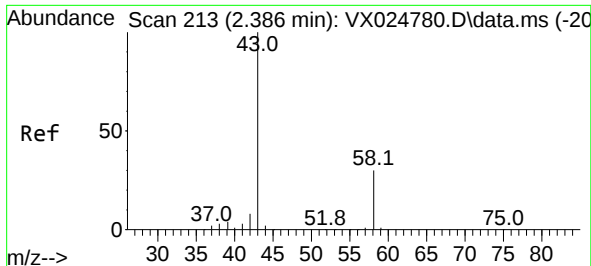


#14

Allyl chloride
Concen: 0.454 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

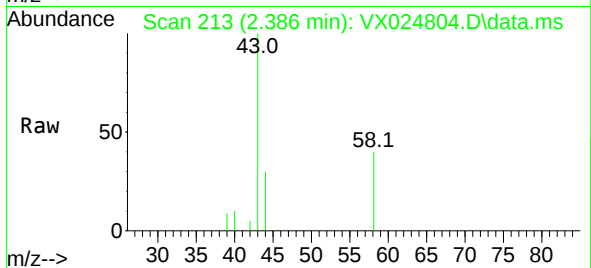
Tgt Ion: 41 Resp: 920
Ion Ratio Lower Upper
41 100
39 93.4 54.6 82.0#
76 0.0 25.3 37.9#



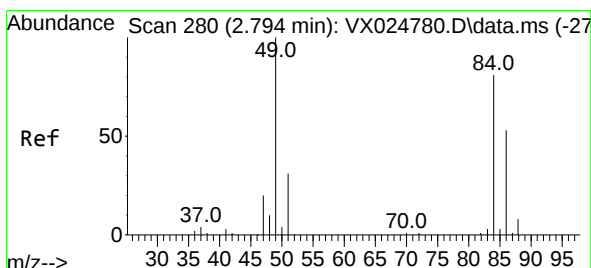
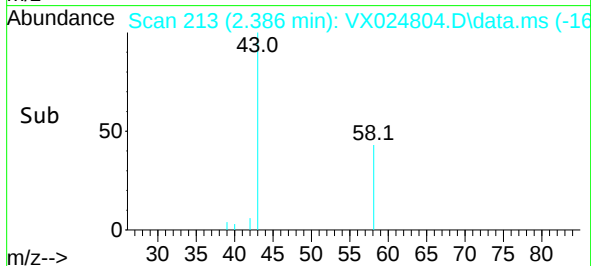
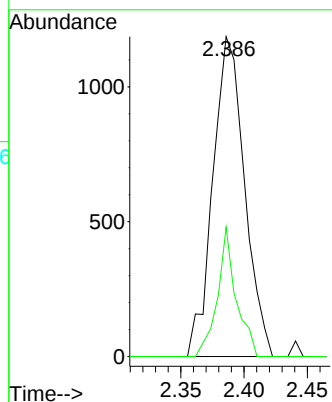


#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-6

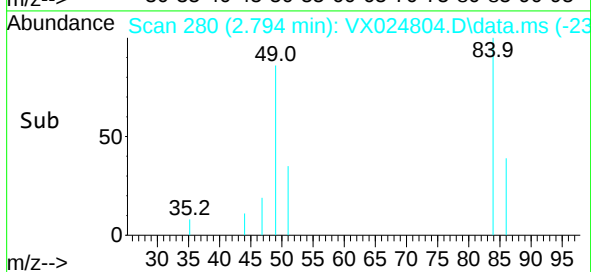
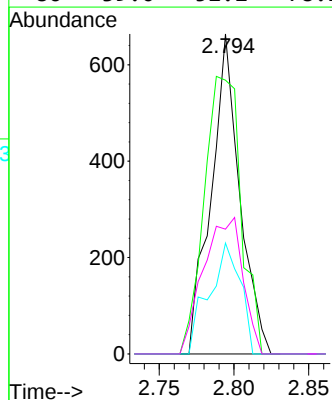
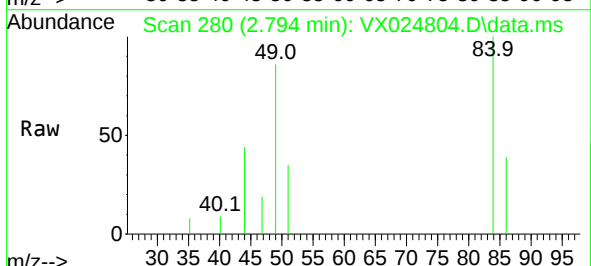


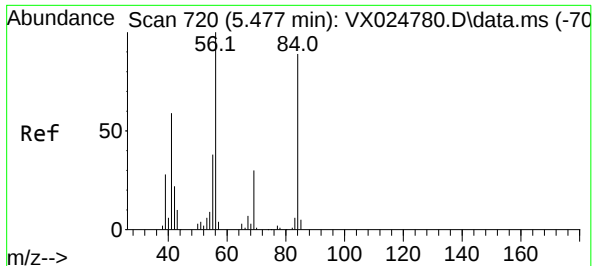
Tgt Ion: 43 Resp: 2064
Ion Ratio Lower Upper
43 100
58 40.5 24.0 36.0#



#20
Methylene Chloride
Concen: 0.661 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

Tgt Ion: 84 Resp: 885
Ion Ratio Lower Upper
84 100
49 85.5 98.2 147.2#
51 34.6 30.2 45.4
86 39.0 52.2 78.2#

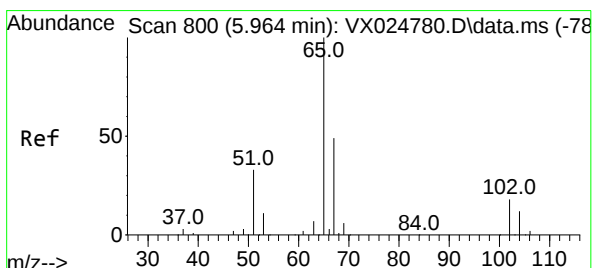
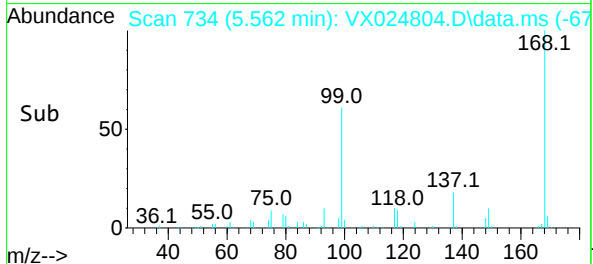
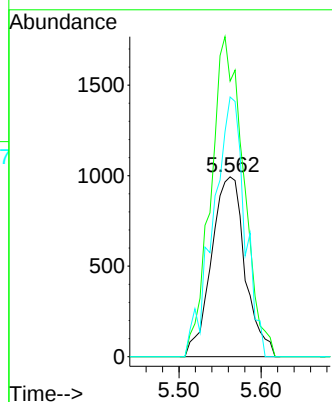
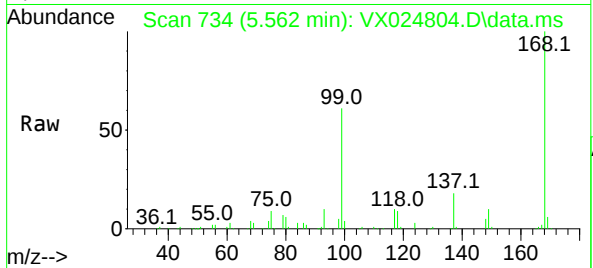




#31
Cyclohexane
Concen: 1.344 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

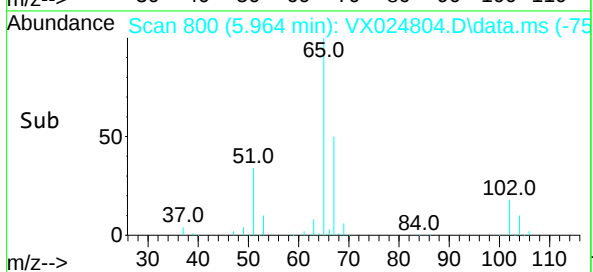
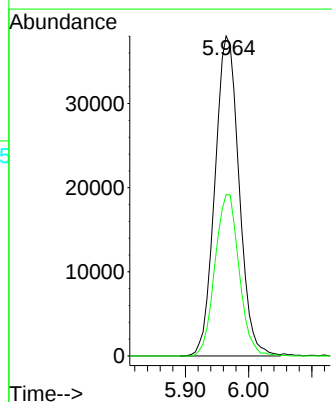
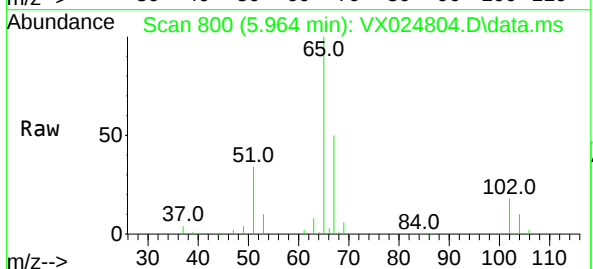
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-6

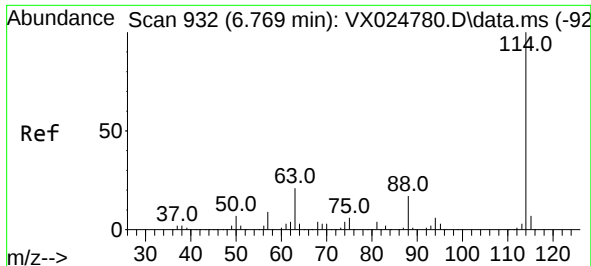
Tgt Ion: 56 Resp: 2827
Ion Ratio Lower Upper
56 100
69 153.1 24.2 36.2#
84 144.4 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 63.659 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

Tgt Ion: 65 Resp: 100537
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.0

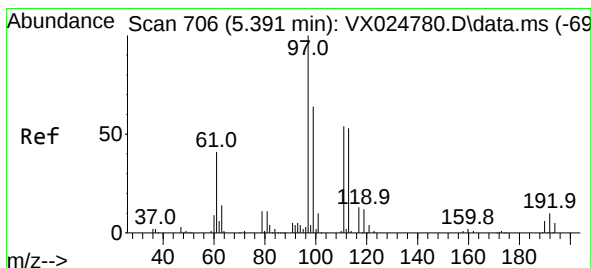
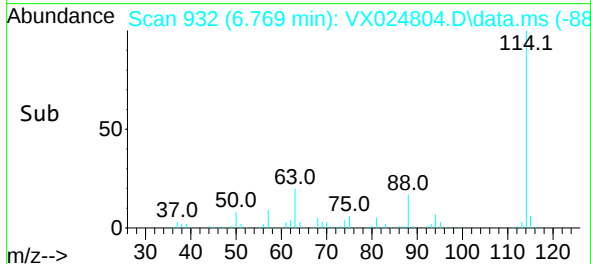
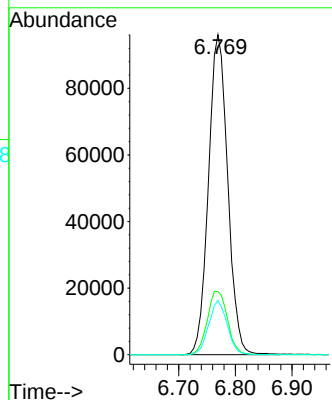
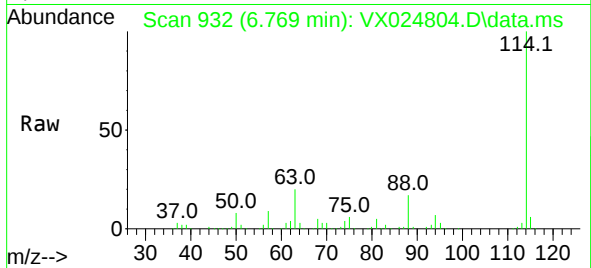




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

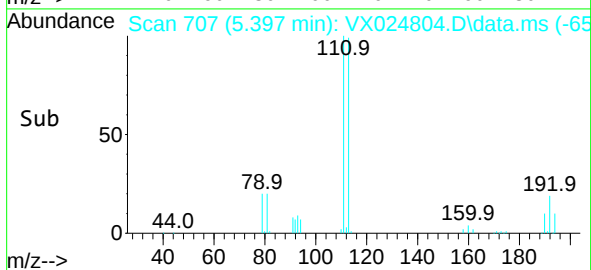
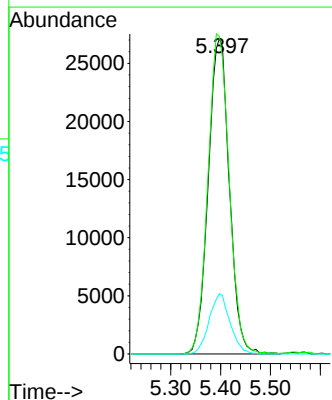
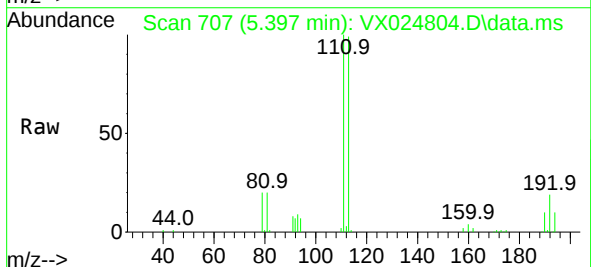
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-6

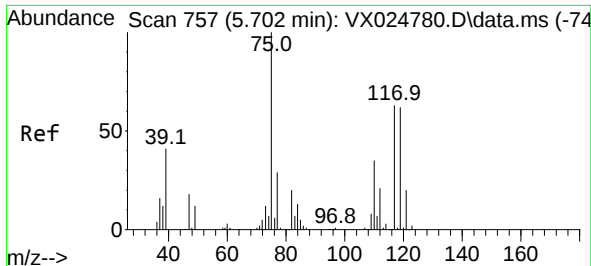
Tgt Ion:114 Resp: 226814
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.0
88 16.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 58.928 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

Tgt Ion:113 Resp: 79568
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 18.9 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.069 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024804.D

Acq: 13 Oct 2021 23:30

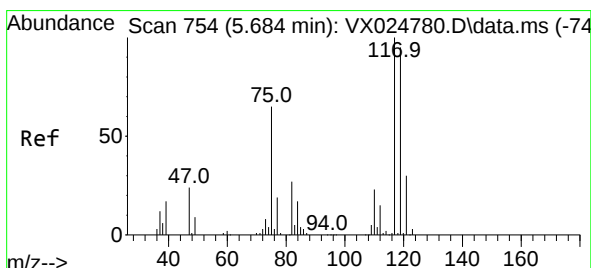
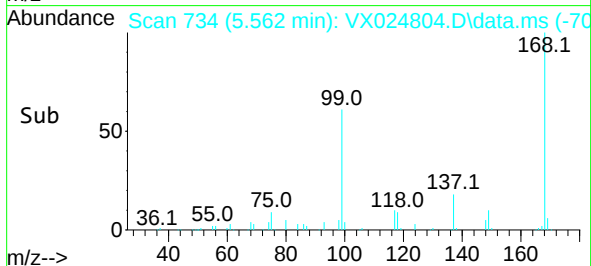
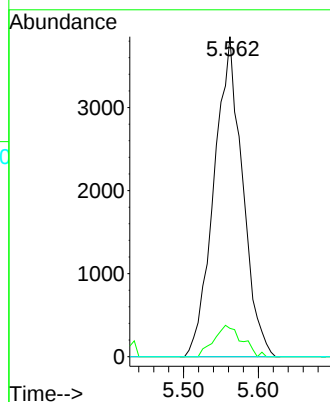
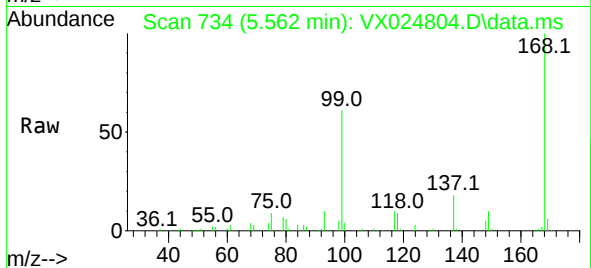
Tgt Ion: 75 Resp: 10175

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.968 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.116 min

Lab File: VX024804.D

Acq: 13 Oct 2021 23:30

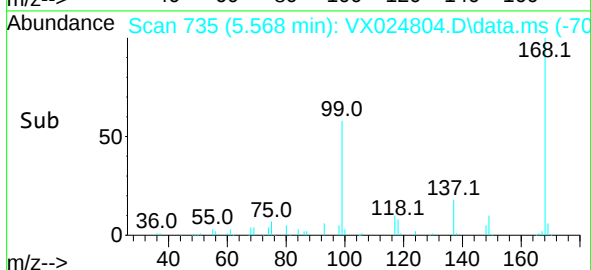
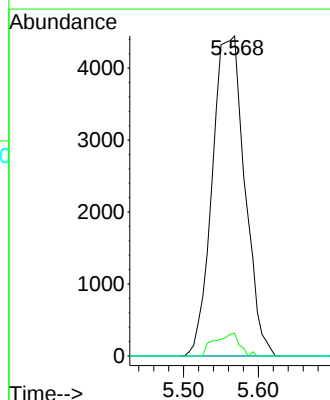
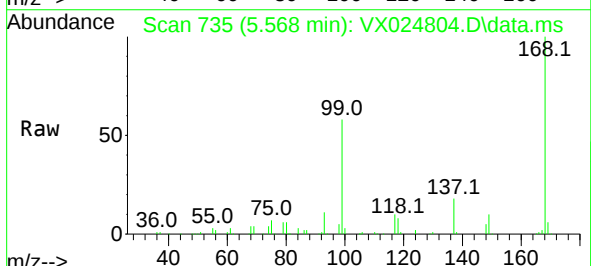
Tgt Ion: 117 Resp: 13423

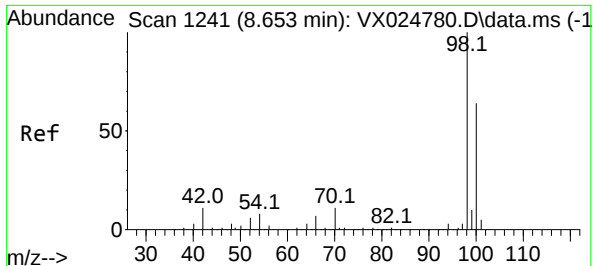
Ion Ratio Lower Upper

117 100

119 7.1 75.6 113.4#

121 0.0 23.7 35.5#

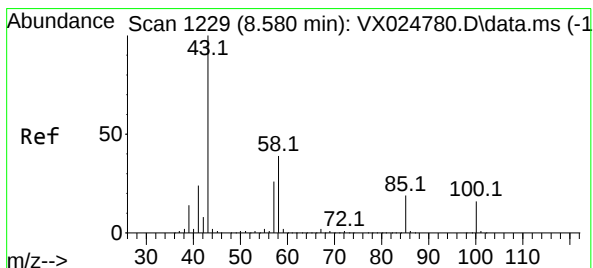
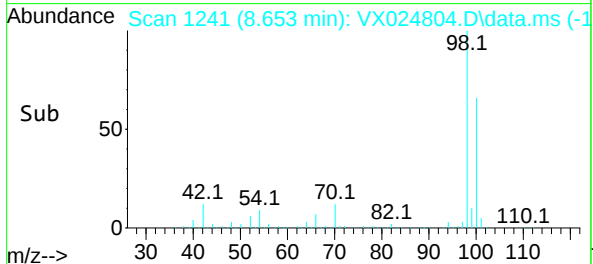
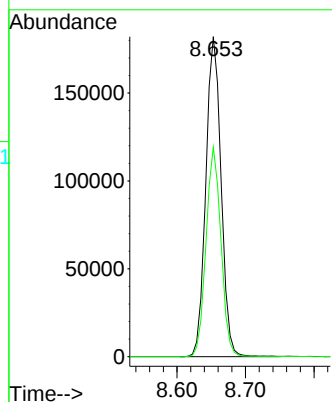
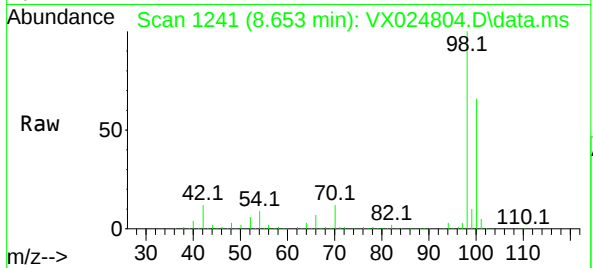




#50
Toluene-d8
Concen: 56.533 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

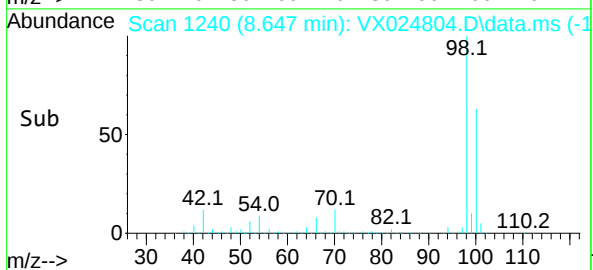
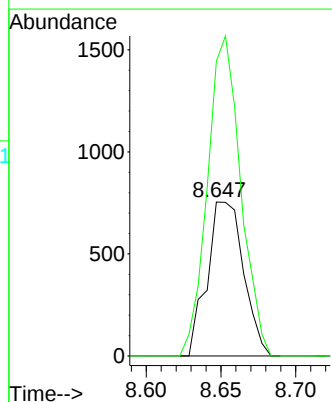
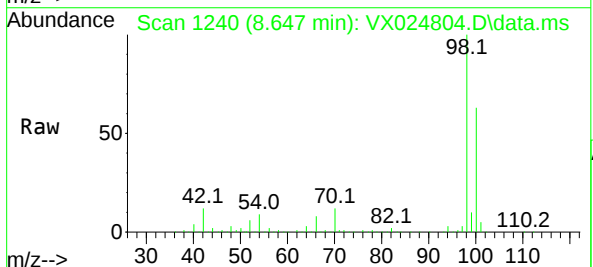
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-6

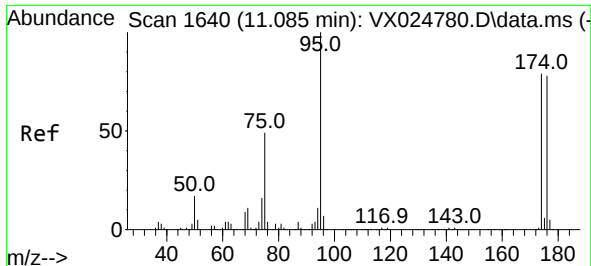
Tgt Ion: 98 Resp: 282364
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 189.9 30.9 46.3#

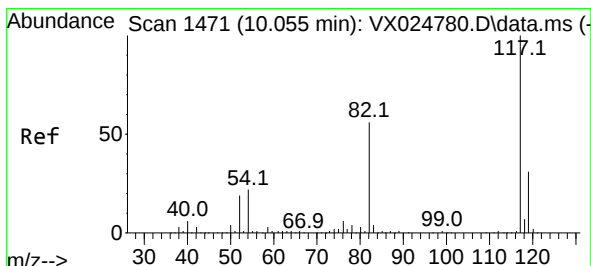
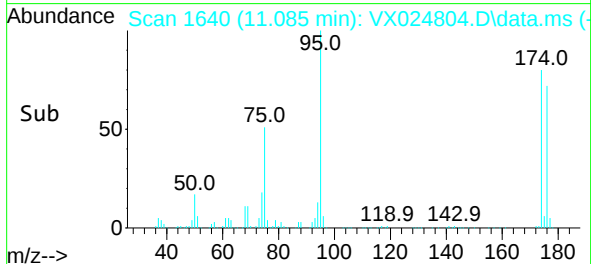
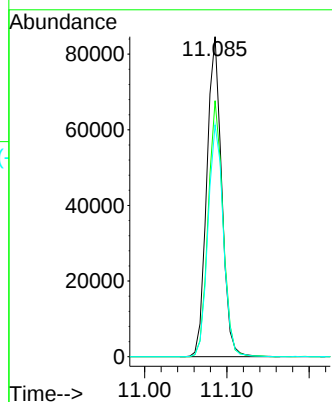
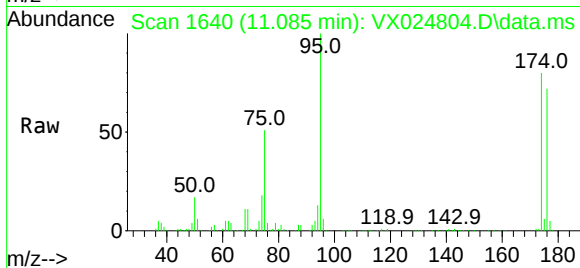




#62
4-Bromofluorobenzene
Concen: 54.167 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

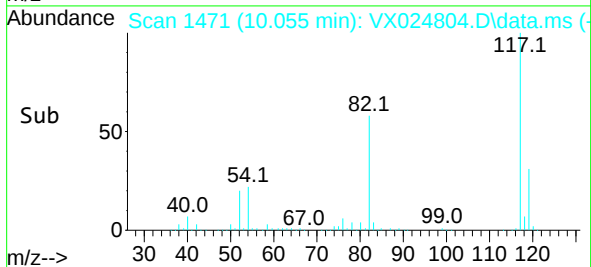
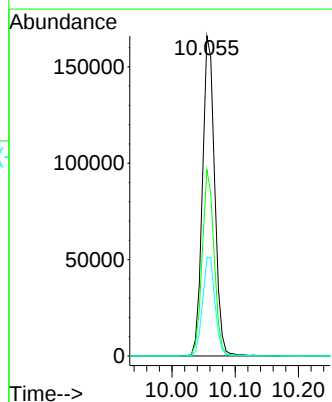
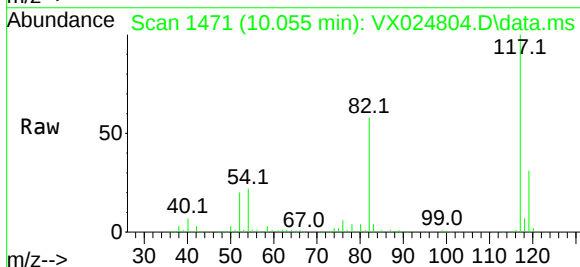
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-6

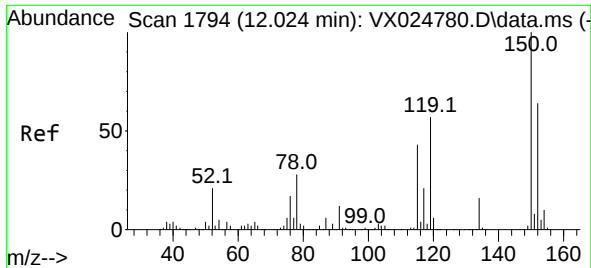
Tgt Ion: 95 Resp: 106406
Ion Ratio Lower Upper
95 100
174 79.4 0.0 158.0
176 74.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024804.D
Acq: 13 Oct 2021 23:30

Tgt Ion: 117 Resp: 223527
Ion Ratio Lower Upper
117 100
82 58.2 44.6 67.0
119 30.9 24.8 37.2

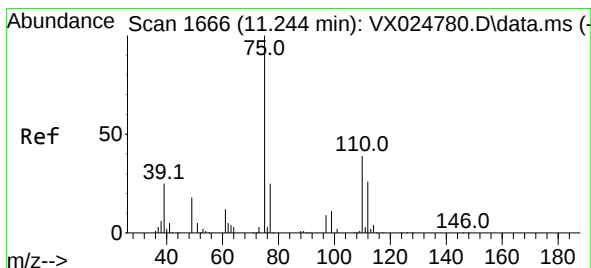
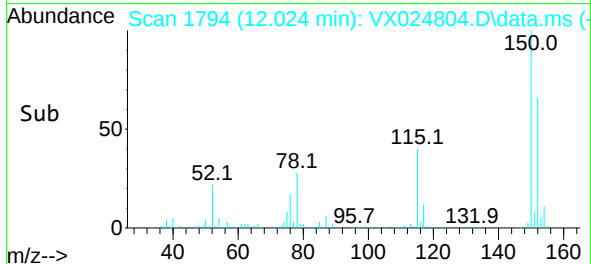
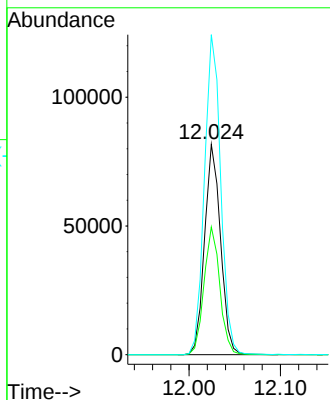
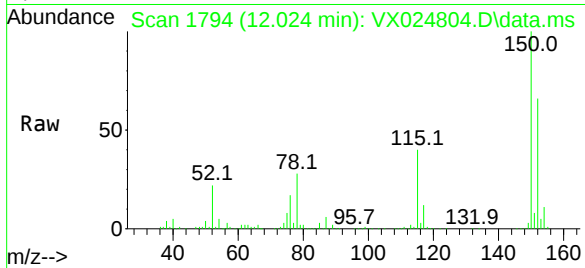




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024804.D
 Acq: 13 Oct 2021 23:30

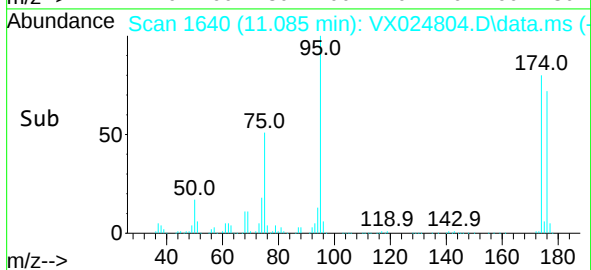
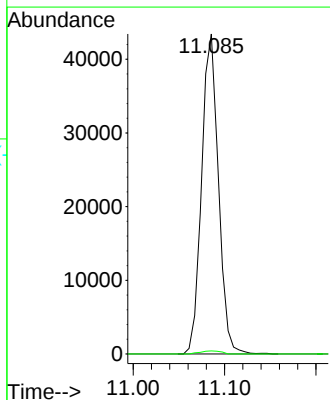
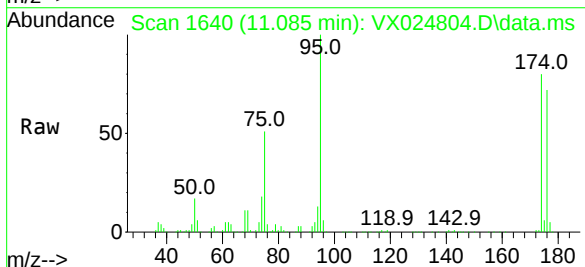
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-6

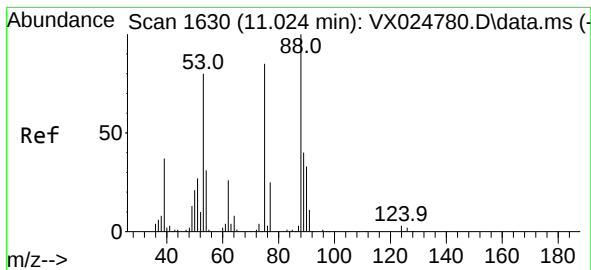
Tgt Ion:152 Resp: 98890
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.3 129.8
 150 154.9 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 26.917 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX024804.D
 Acq: 13 Oct 2021 23:30

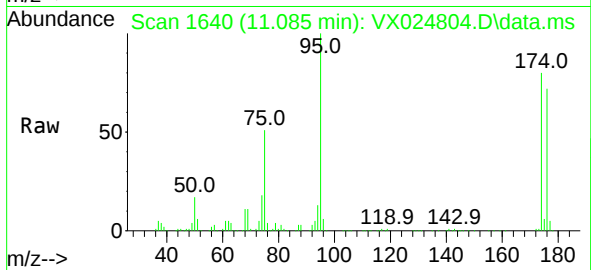
Tgt Ion: 75 Resp: 55534
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.455 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024804.D
 Acq: 13 Oct 2021 23:30

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-6



Tgt Ion: 75 Resp: 55534
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.9 122.9#
 89 0.0 38.2 57.2#

