

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024806.D
 Acq On : 14 Oct 2021 00:17
 Operator : JC/MD
 Sample : M4153-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4

Quant Time: Oct 14 03:59:48 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)

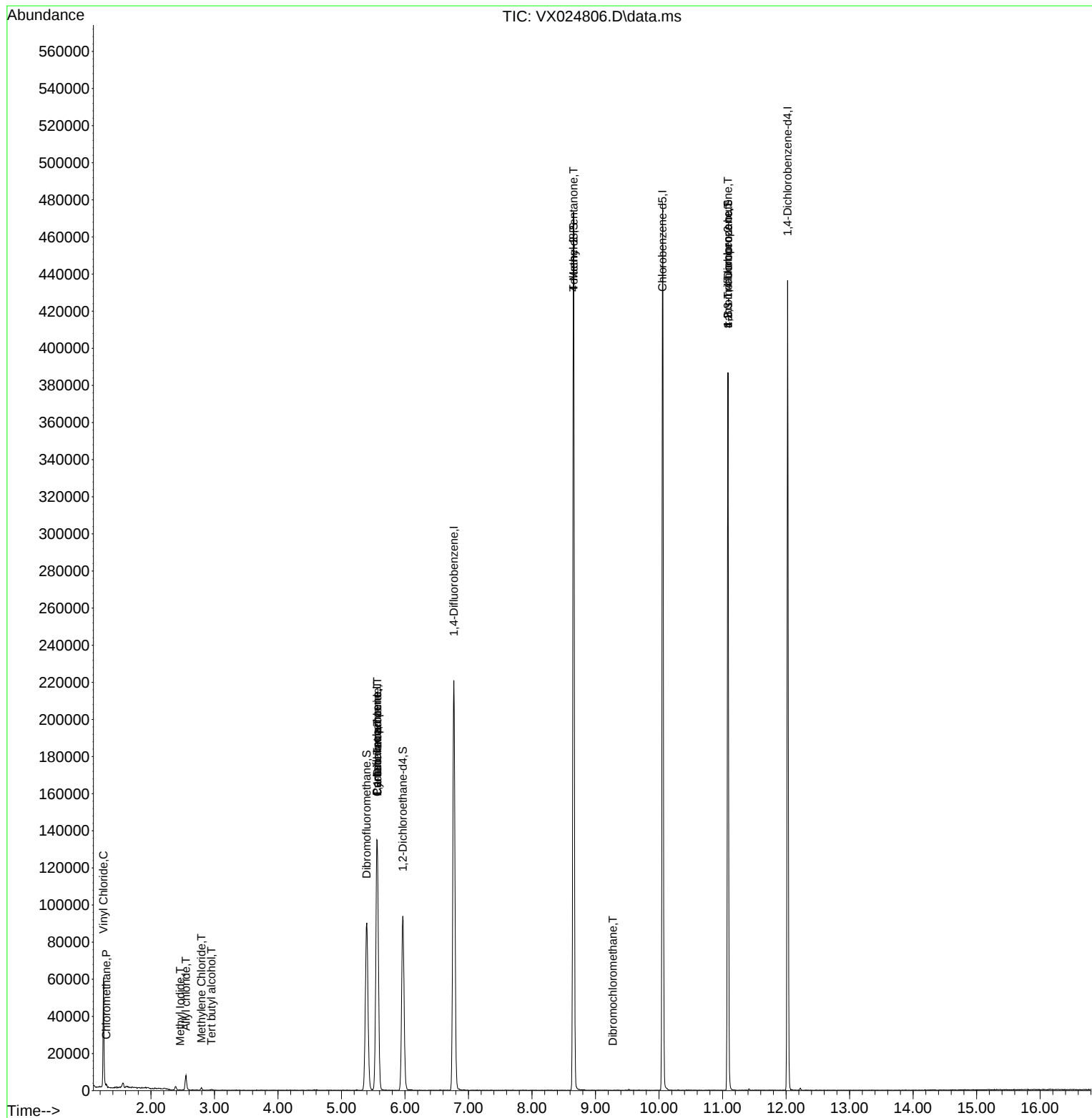
Internal Standards						
1) Pentafluorobenzene	5.556	168	125766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	219294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98169	63.508	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 127.020%#			
35) Dibromofluoromethane	5.397	113	77822	59.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.220%			
50) Toluene-d8	8.653	98	273936	56.726	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.460%#			
62) 4-Bromofluorobenzene	11.085	95	97981	51.588	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.180%			
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	435	0.373	ug/l	94
4) Vinyl Chloride	1.251	62	329	0.272	ug/l #	1
5) Bromomethane	1.617	94	392	Below Cal		97
10) Methyl Iodide	2.459	142	154	1.015	ug/l #	37
11) Tert butyl alcohol	2.952	59	316	0.970	ug/l #	72
14) Allyl chloride	2.550	41	829	0.418	ug/l #	55
16) Acetone	2.392	43	2243	Below Cal	#	79
20) Methylene Chloride	2.794	84	509	0.388	ug/l #	80
31) Cyclohexane	5.562	56	2844	1.381	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	10089	5.198	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12994	5.976	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1285	0.560	ug/l #	1
59) 2-Hexanone	9.524	43	58	Below Cal	#	25
60) Dibromochloromethane	9.274	129	24	0.800	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	52213	27.887	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	52213	75.032	ug/l #	9

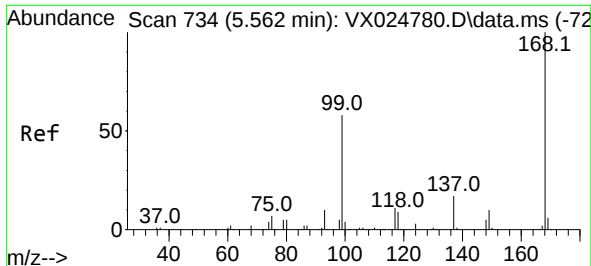
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
Data File : VX024806.D
Acq On : 14 Oct 2021 00:17
Operator : JC/MD
Sample : M4153-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

Quant Time: Oct 14 03:59:48 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

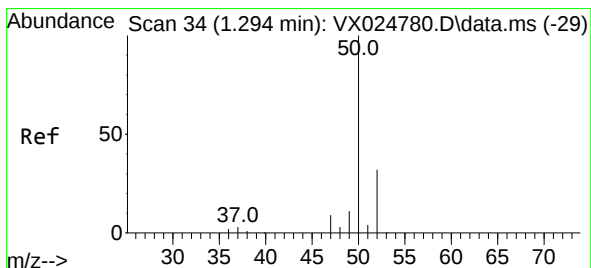
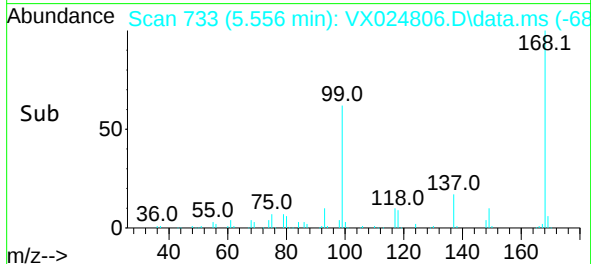
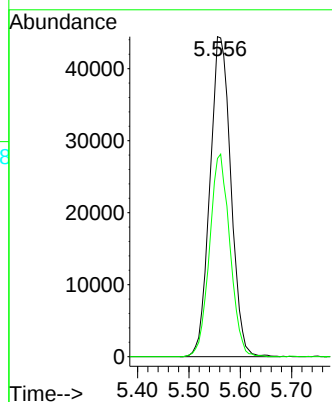
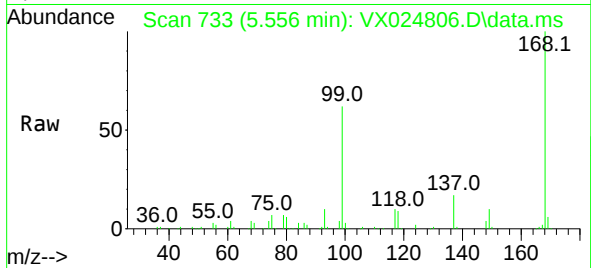




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

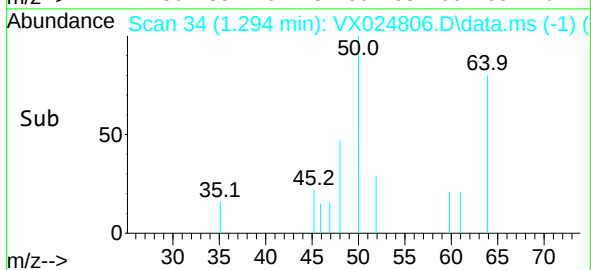
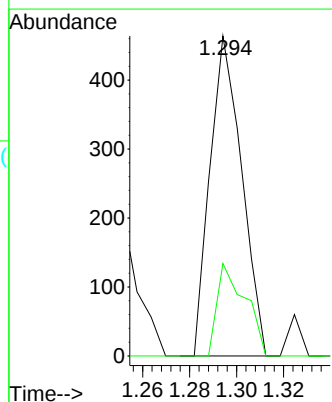
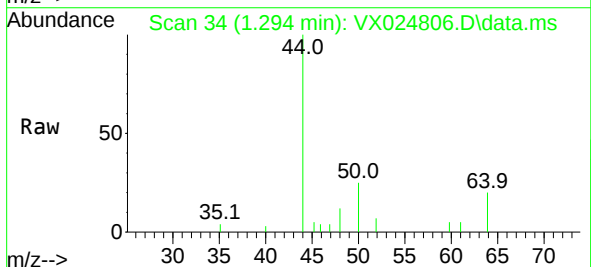
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

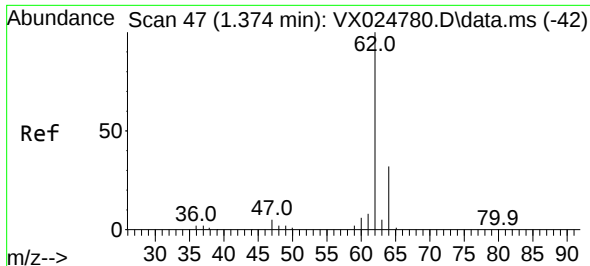
Tgt Ion:168 Resp: 125766
Ion Ratio Lower Upper
168 100
99 62.0 46.4 69.6



#3
Chloromethane
Concen: 0.373 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 28.9 25.9 38.9

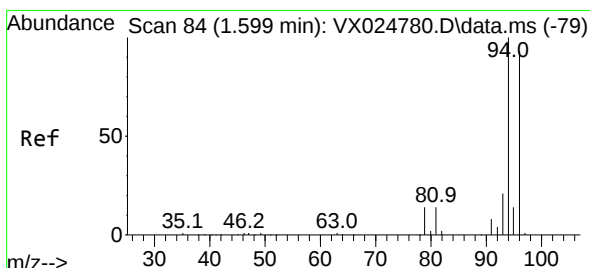
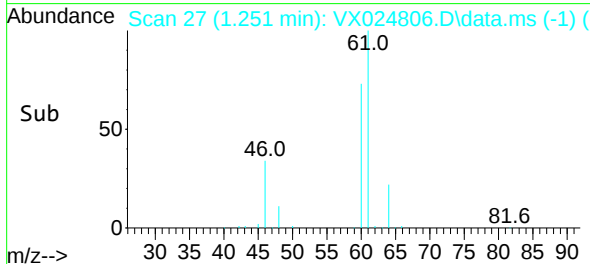
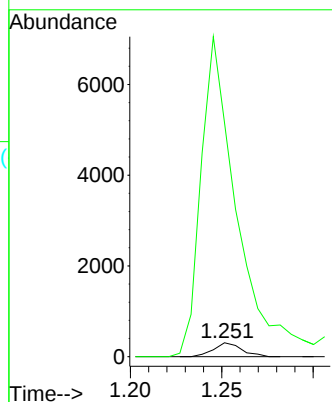
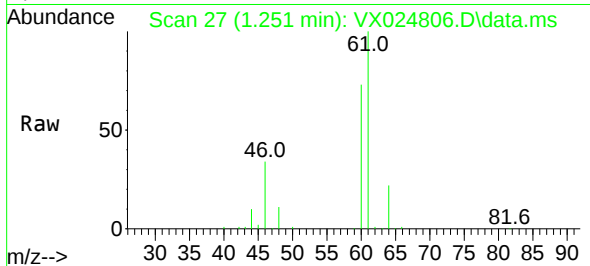




#4
 Vinyl Chloride
 Concen: 0.272 ug/l
 RT: 1.251 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024806.D
 Acq: 14 Oct 2021 00:17

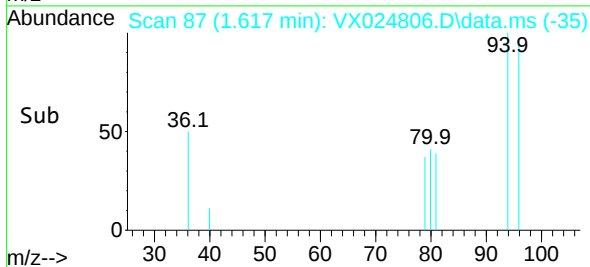
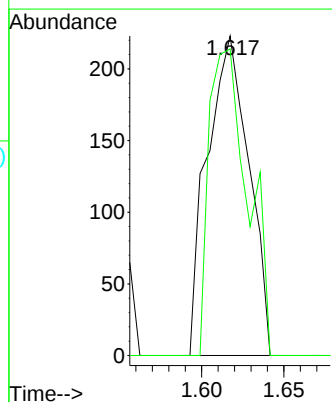
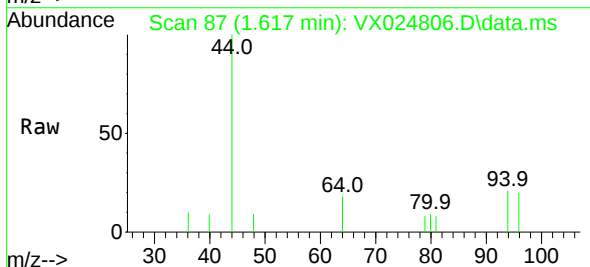
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4

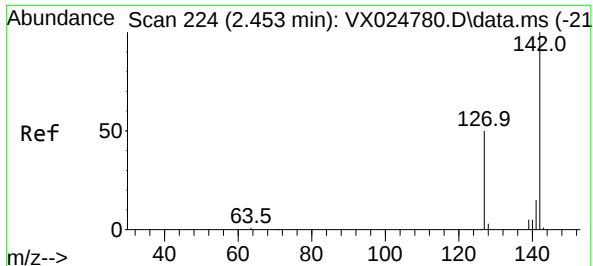
Tgt Ion: 62 Resp: 329
 Ion Ratio Lower Upper
 62 100
 64 1648.4 26.0 39.0#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX024806.D
 Acq: 14 Oct 2021 00:17

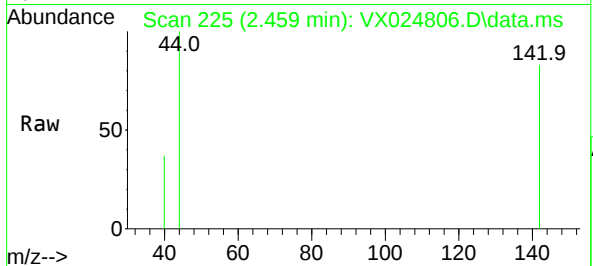
Tgt Ion: 94 Resp: 392
 Ion Ratio Lower Upper
 94 100
 96 96.0 74.8 112.2



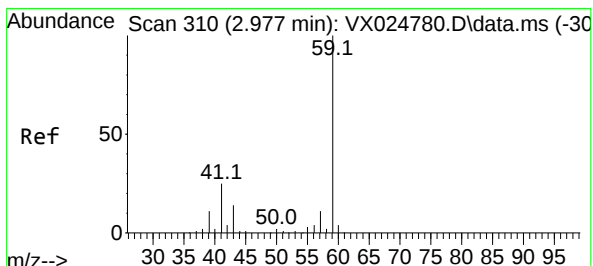
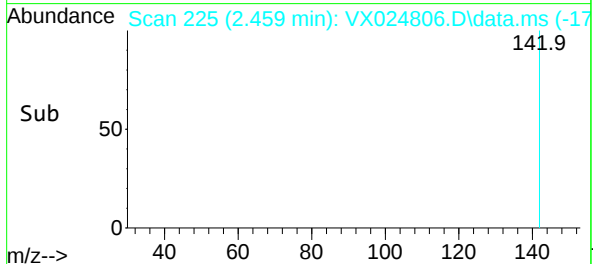
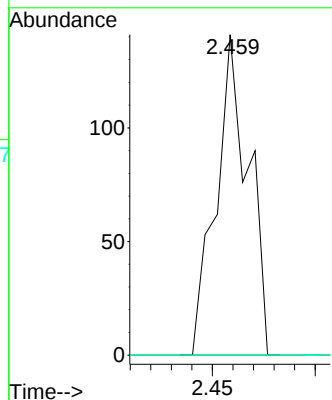


#10
Methyl Iodide
Concen: 1.015 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

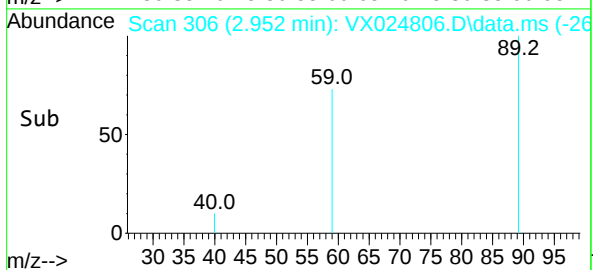
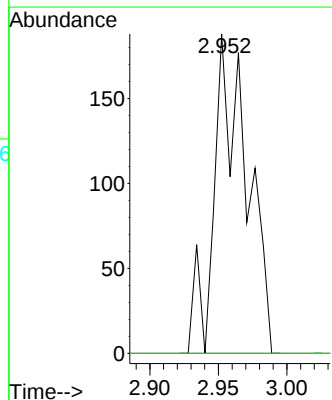
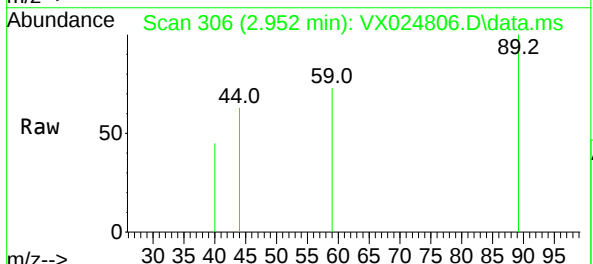


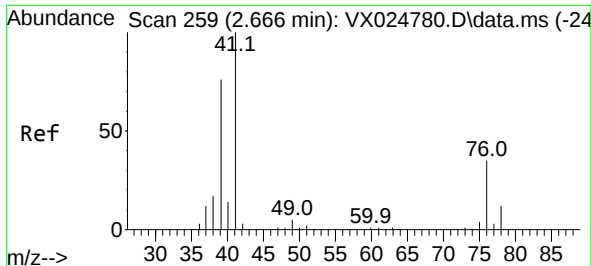
Tgt Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
127 0.0 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 0.970 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

Tgt Ion: 59 Resp: 316
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

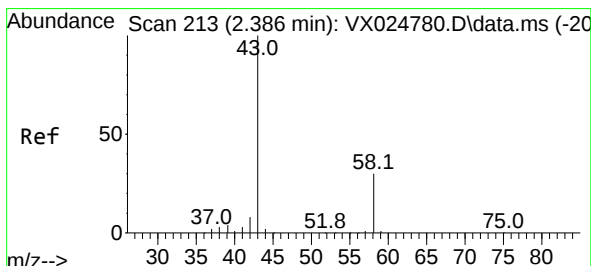
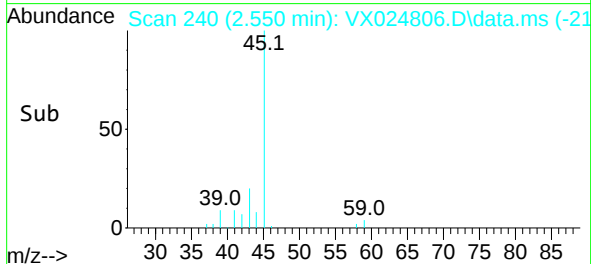
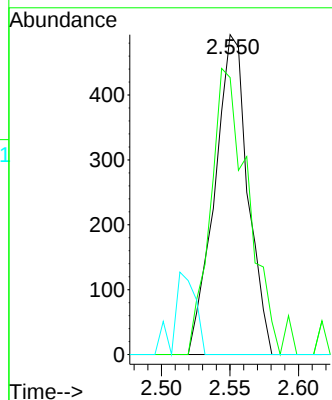
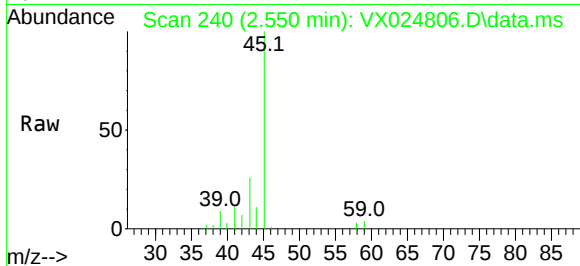




#14
 Allyl chloride
 Concen: 0.418 ug/l
 RT: 2.550 min Scan# 240
 Delta R.T. -0.116 min
 Lab File: VX024806.D
 Acq: 14 Oct 2021 00:17

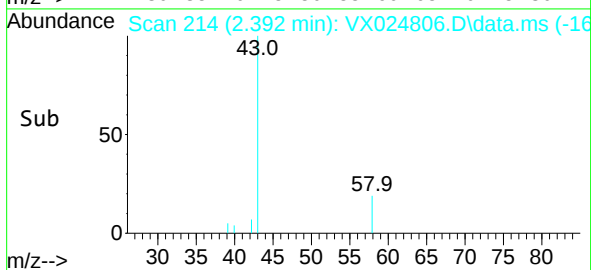
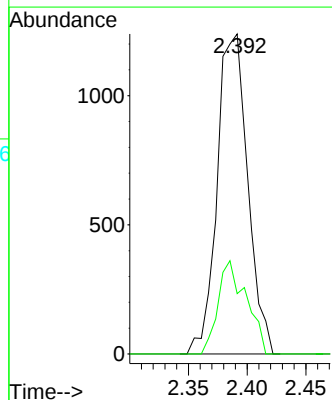
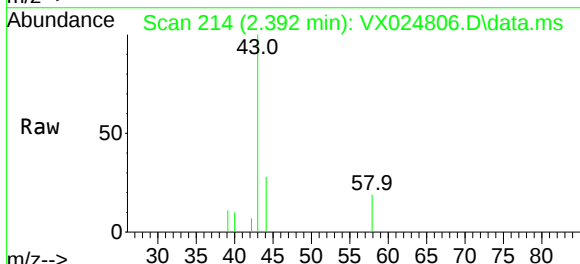
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4

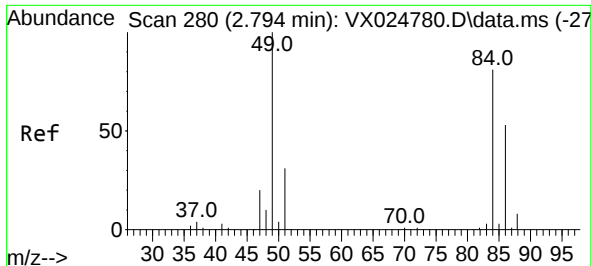
Tgt Ion: 41	Resp:	829
Ion	Ratio	Lower Upper
41	100	
39	100.6	54.6 82.0#
76	0.0	25.3 37.9#



#16
 Acetone
 Concen: Below Cal
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX024806.D
 Acq: 14 Oct 2021 00:17

Tgt Ion: 43	Resp:	2243
Ion	Ratio	Lower Upper
43	100	
58	18.9	24.0 36.0#





#20

Methylene Chloride

Concen: 0.388 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX024806.D

Acq: 14 Oct 2021 00:17

Tgt Ion: 84 Resp: 509

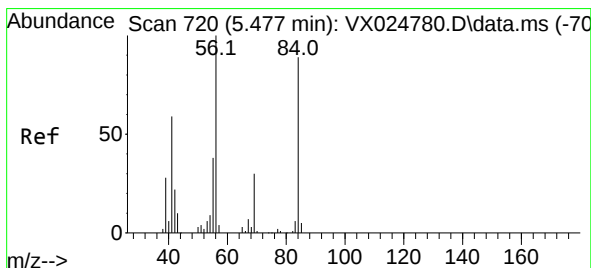
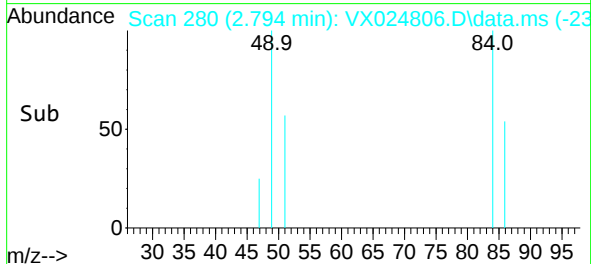
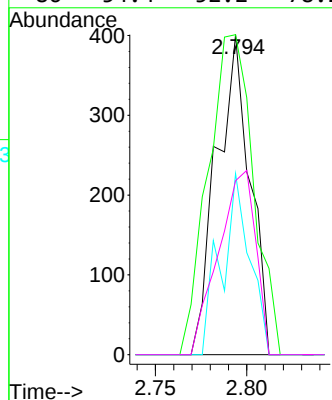
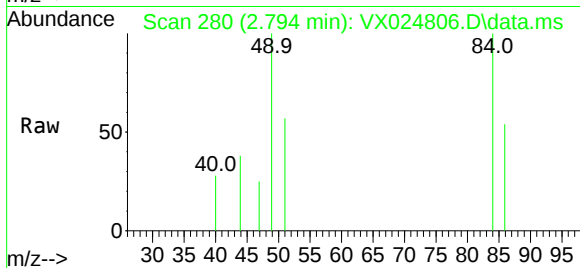
Ion Ratio Lower Upper

84 100

49 100.0 98.2 147.2

51 56.6 30.2 45.4#

86 54.4 52.2 78.2



#31

Cyclohexane

Concen: 1.381 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024806.D

Acq: 14 Oct 2021 00:17

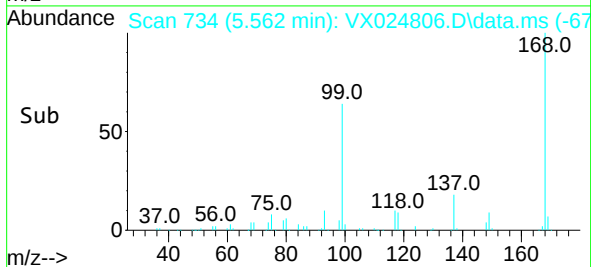
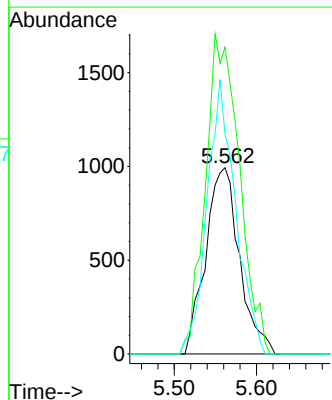
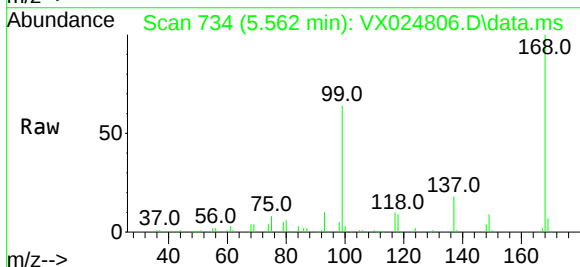
Tgt Ion: 56 Resp: 2844

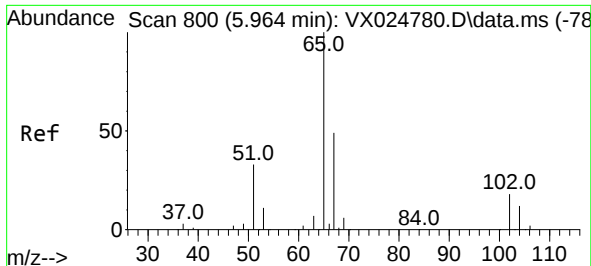
Ion Ratio Lower Upper

56 100

69 164.7 24.2 36.2#

84 118.1 71.5 107.3#



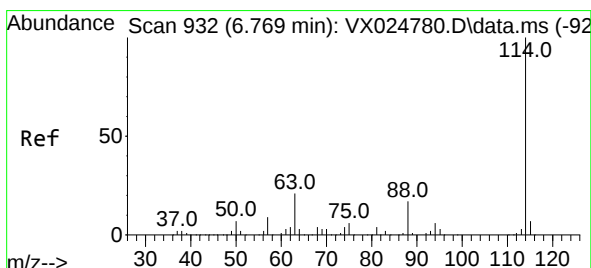
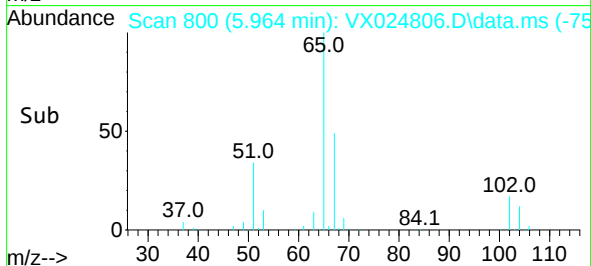
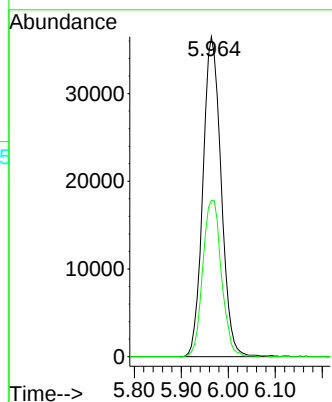
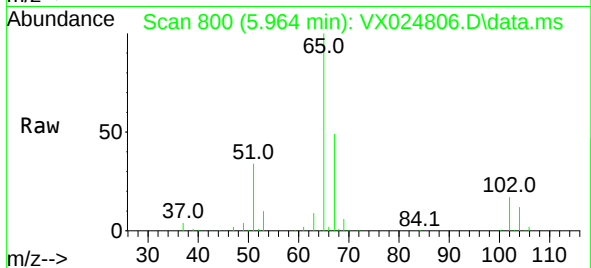


#33

1,2-Dichloroethane-d4
Concen: 63.508 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

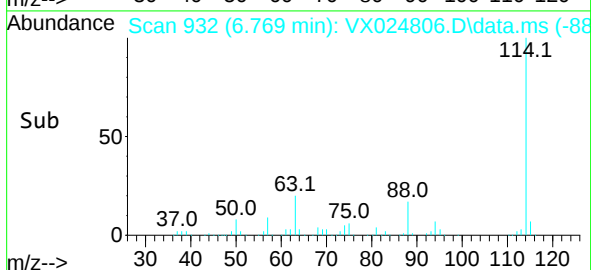
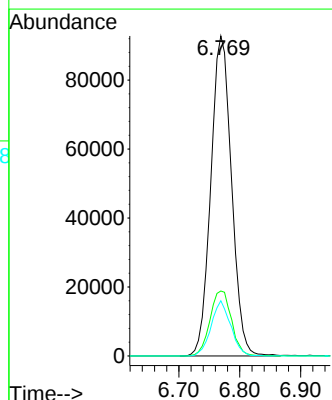
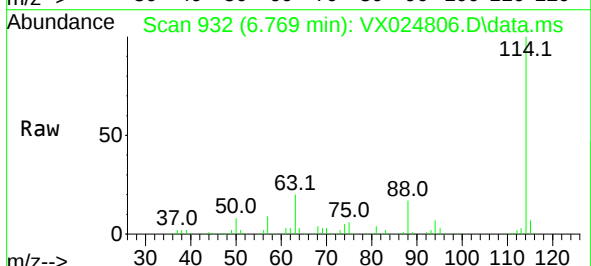
Tgt Ion: 65 Resp: 98169
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.0

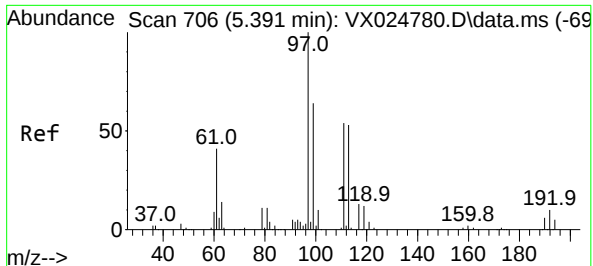


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

Tgt Ion: 114 Resp: 219294
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 17.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 59.611 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX024806.D

Acq: 14 Oct 2021 00:17

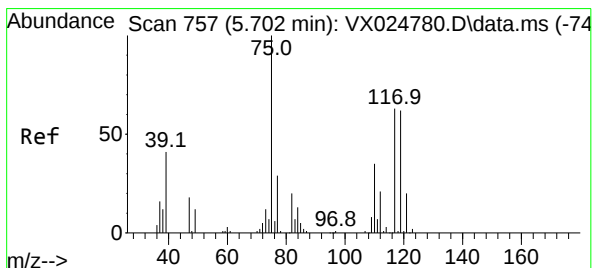
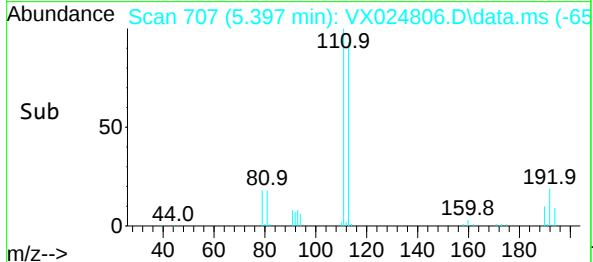
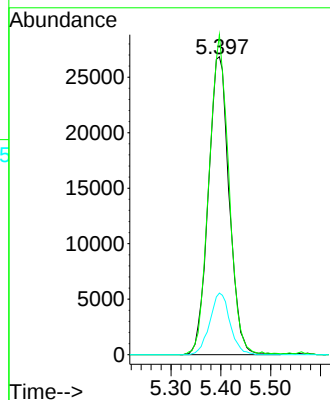
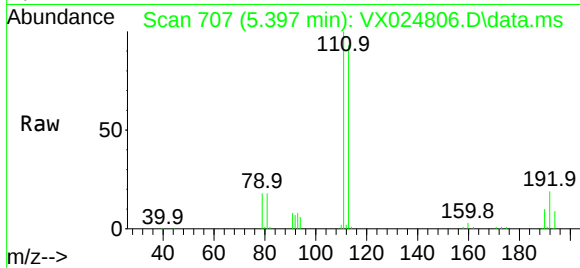
Tgt Ion:113 Resp: 77822

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 20.1 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.198 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.141 min

Lab File: VX024806.D

Acq: 14 Oct 2021 00:17

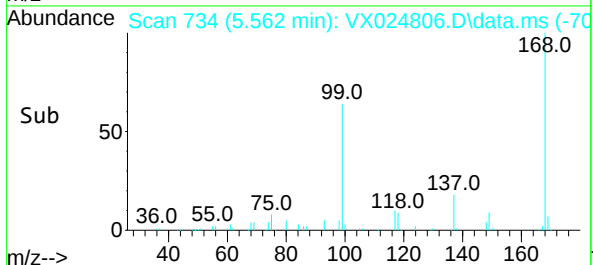
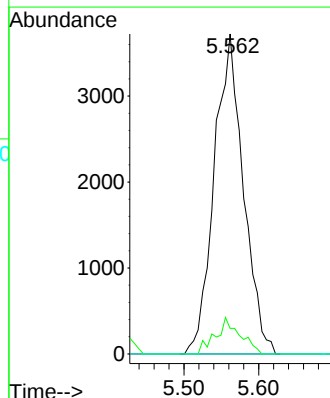
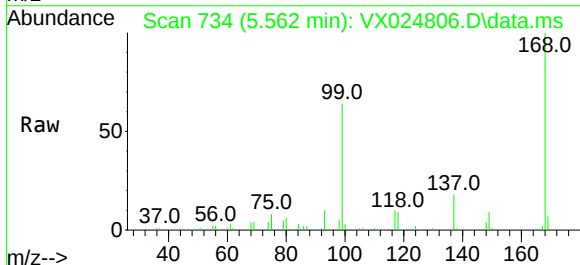
Tgt Ion: 75 Resp: 10089

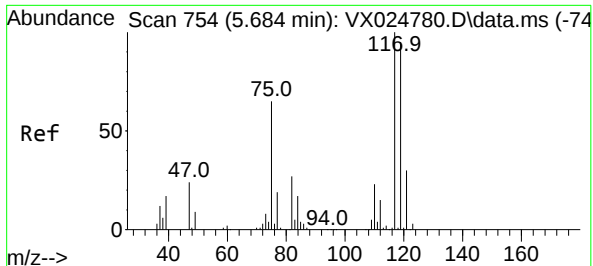
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.3#

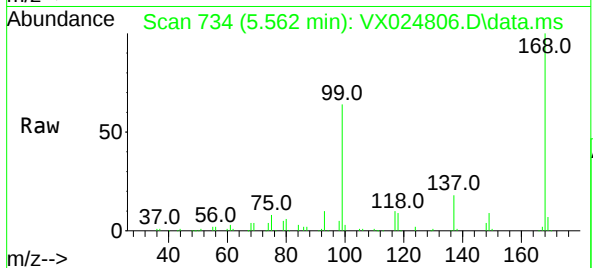
77 0.0 24.4 36.6#



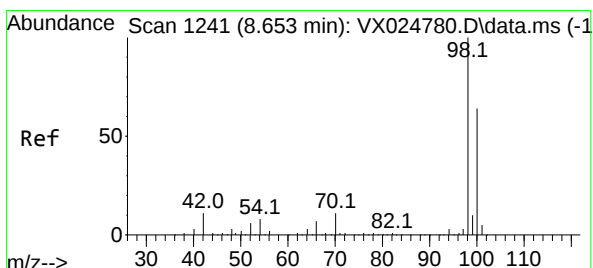
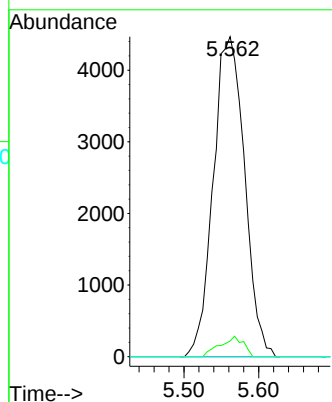
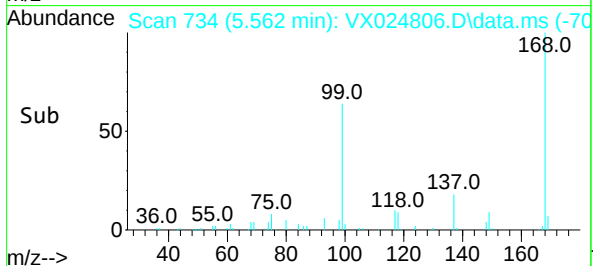


#38
Carbon Tetrachloride
Concen: 5.976 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

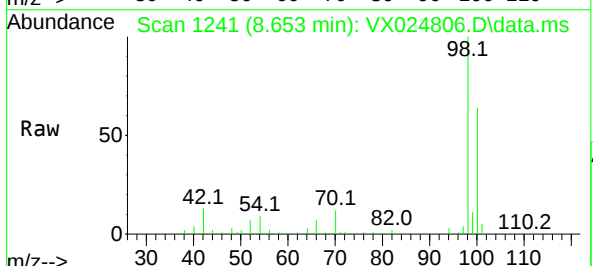
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4



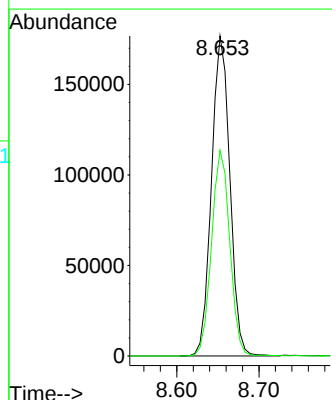
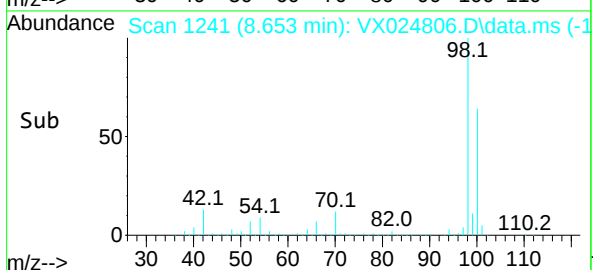
Tgt Ion:117 Resp: 12994
Ion Ratio Lower Upper
117 100
119 4.9 75.6 113.4#
121 0.0 23.7 35.5#

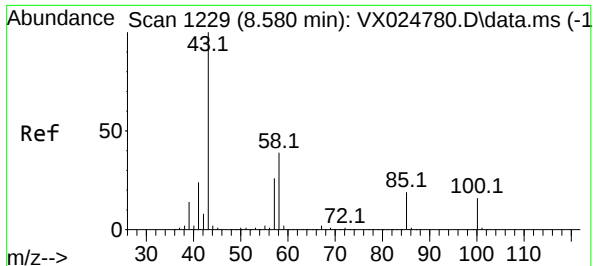


#50
Toluene-d8
Concen: 56.726 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17



Tgt Ion: 98 Resp: 273936
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

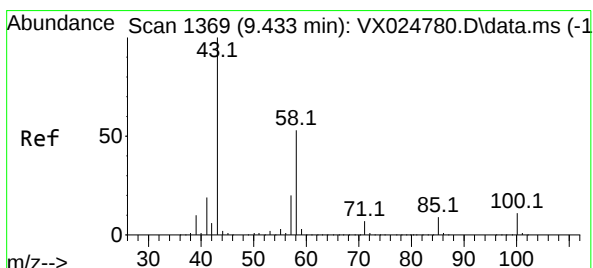
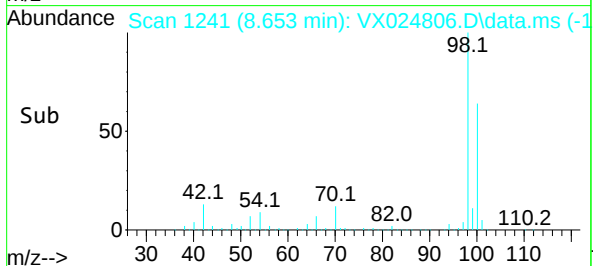
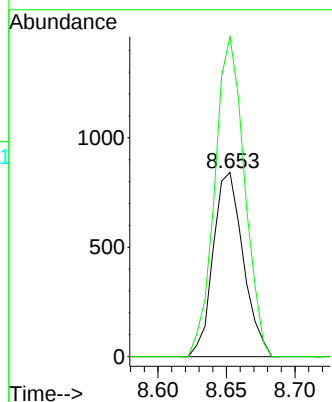
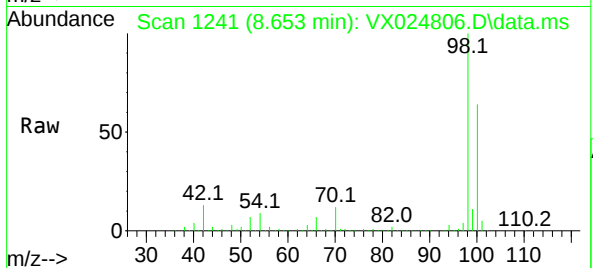




#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

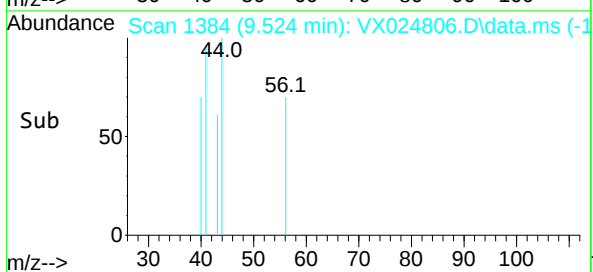
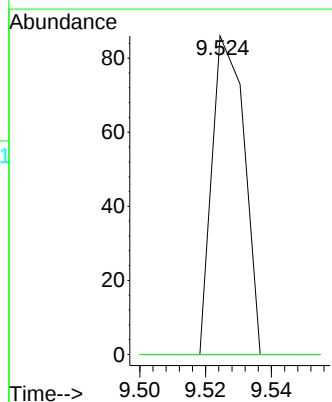
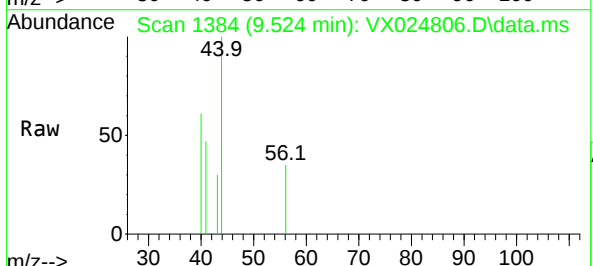
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

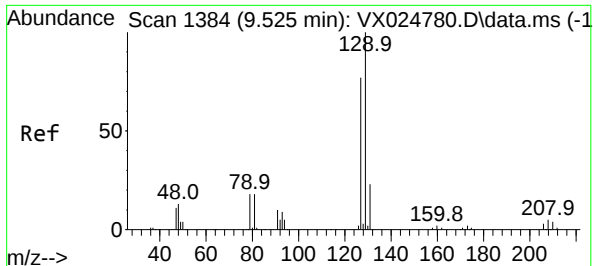
Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 171.8 30.9 46.3#



#59
2-Hexanone
Concen: Below Cal
RT: 9.524 min Scan# 1384
Delta R.T. 0.091 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#

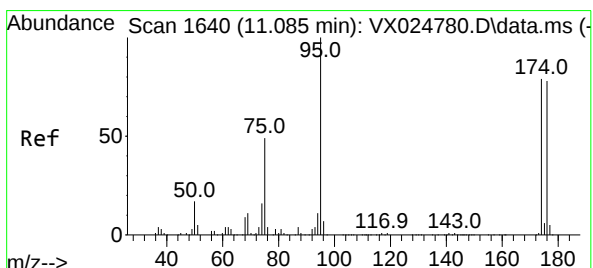
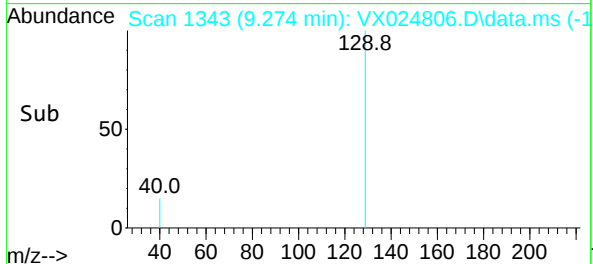
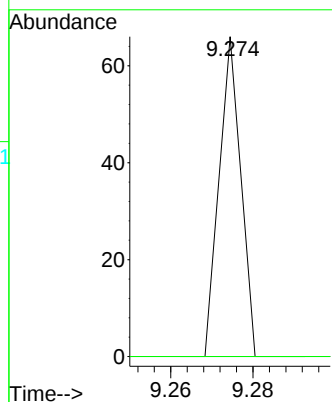
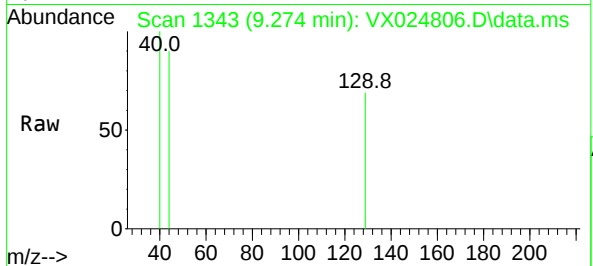




#60
Dibromochloromethane
Concen: 0.800 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

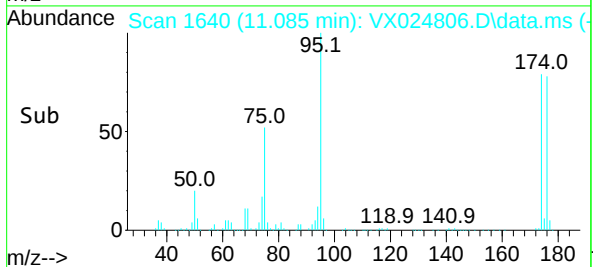
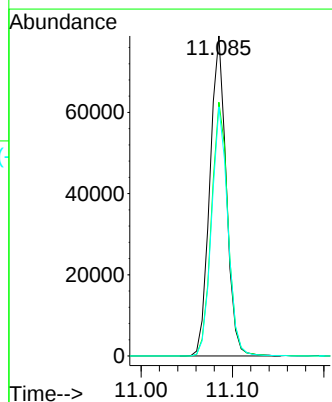
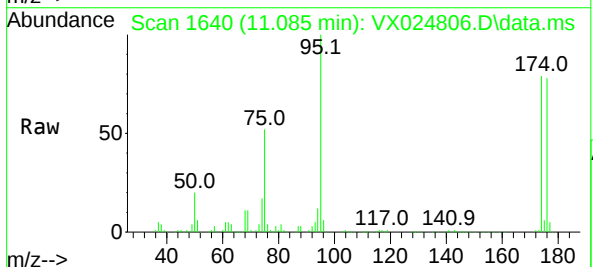
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

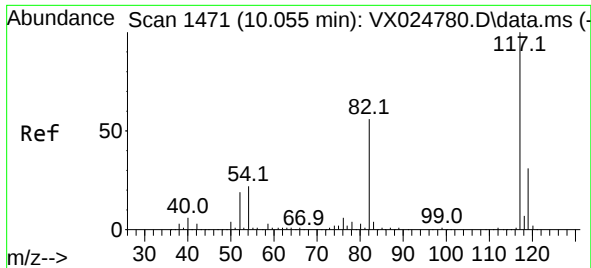
Tgt Ion:129 Resp: 24
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 51.588 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

Tgt Ion: 95 Resp: 97981
Ion Ratio Lower Upper
95 100
174 80.3 0.0 158.0
176 77.4 0.0 153.6

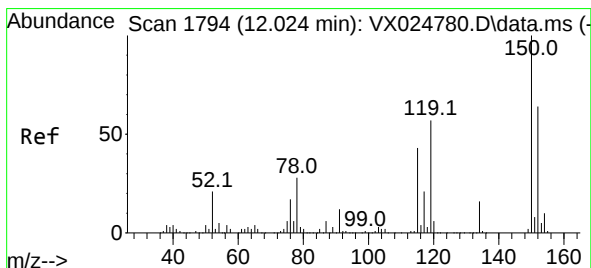
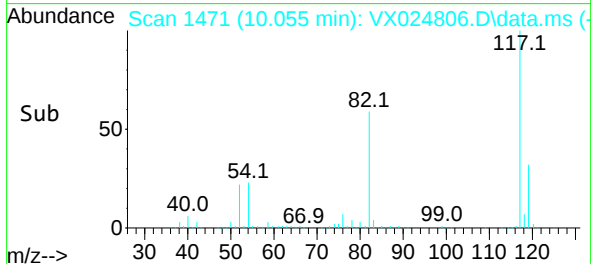
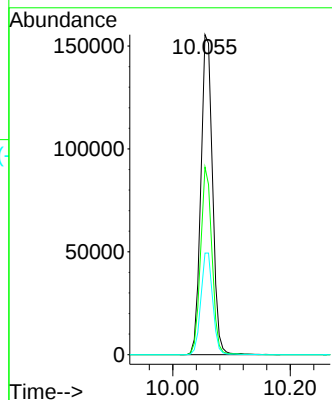
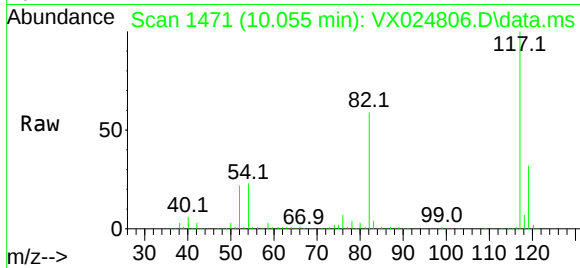




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

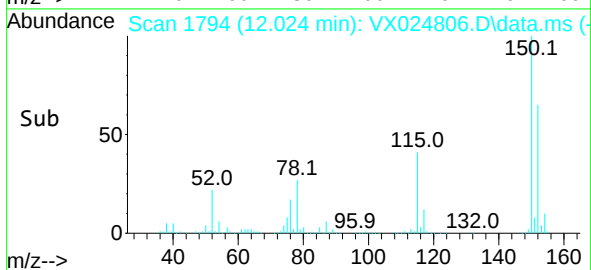
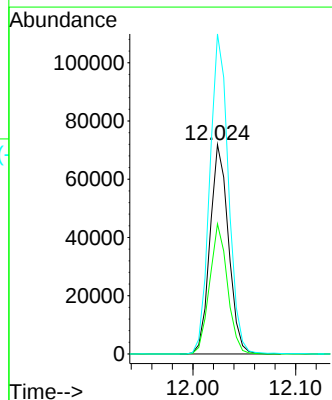
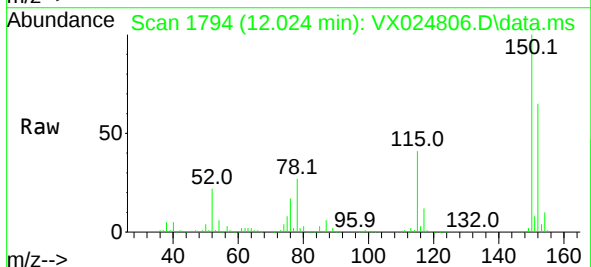
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

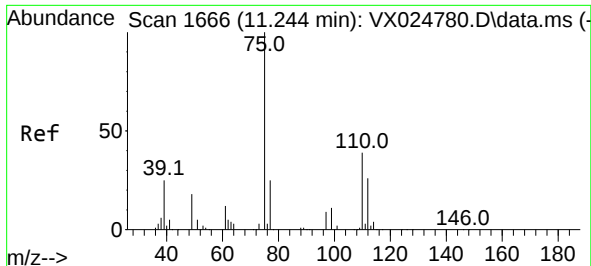
Tgt Ion:117 Resp: 214579
Ion Ratio Lower Upper
117 100
82 58.6 44.6 67.0
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

Tgt Ion:152 Resp: 89743
Ion Ratio Lower Upper
152 100
115 60.0 43.3 129.8
150 154.5 0.0 351.2

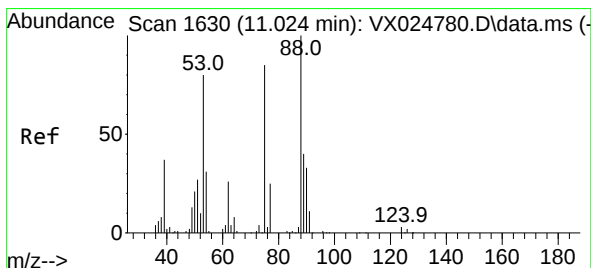
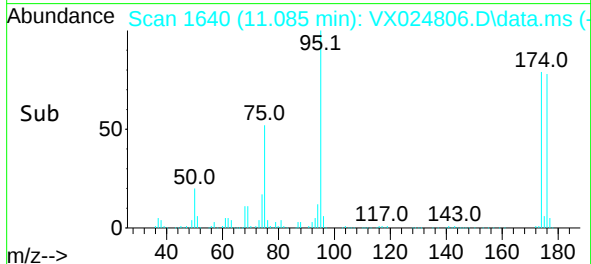
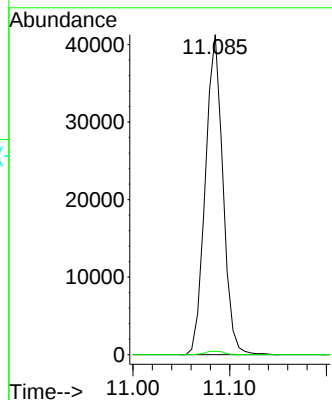
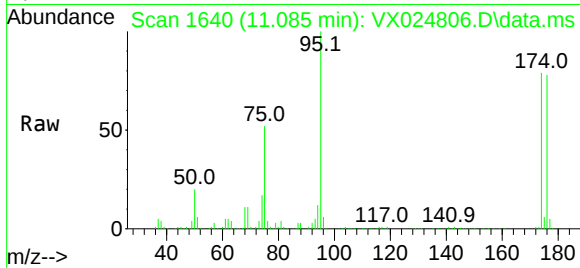




#76
1,2,3-Trichloropropane
Concen: 27.887 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

Tgt Ion: 75 Resp: 52213
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.032 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024806.D
Acq: 14 Oct 2021 00:17

Tgt Ion: 75 Resp: 52213
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

