

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025418.D
 Acq On : 02 Dec 2021 10:57
 Operator : JC/MD
 Sample : VX1202WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:03:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

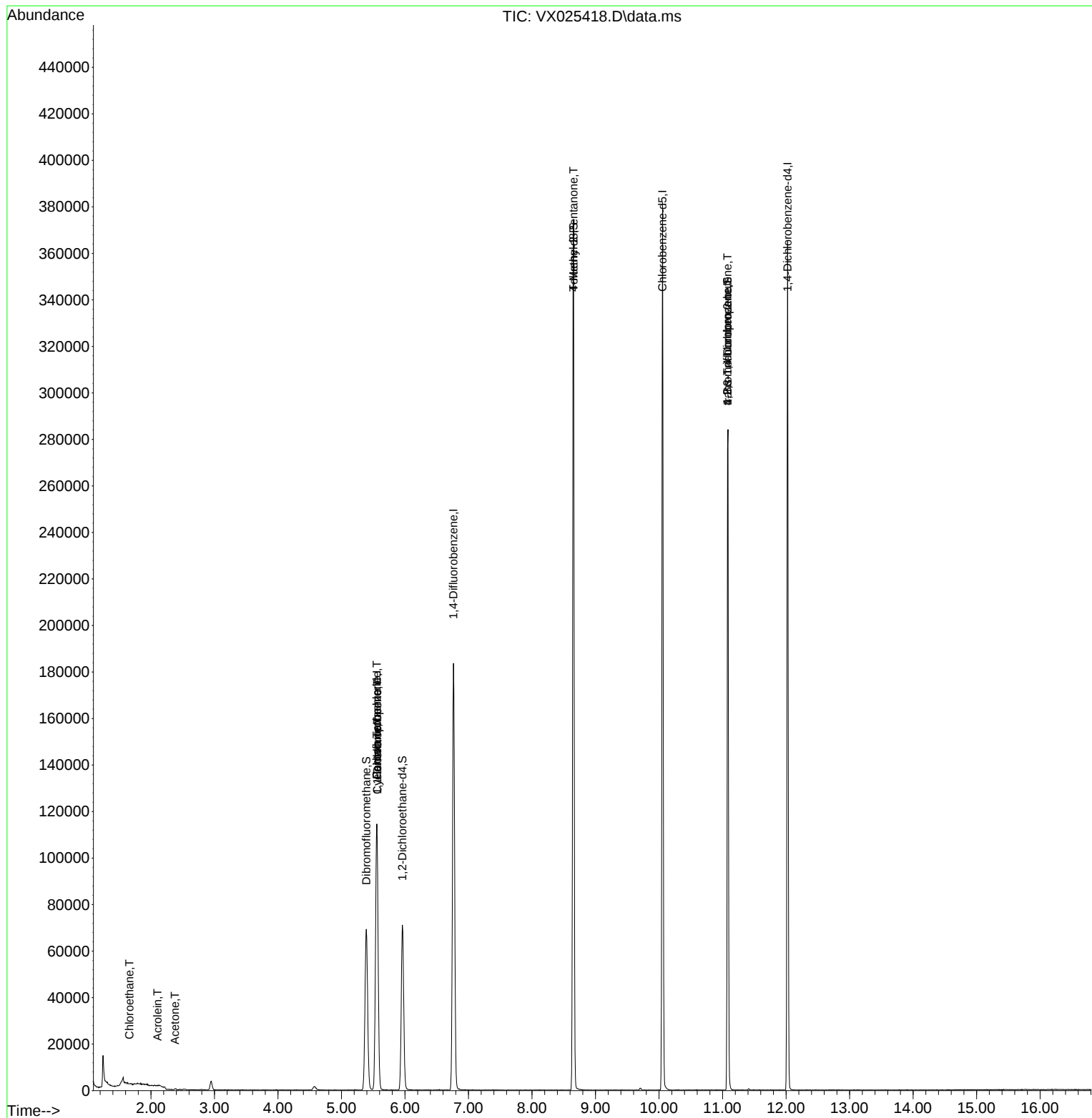
Internal Standards						
1) Pentafluorobenzene	5.556	168	117913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67305	54.152	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.300%		
35) Dibromofluoromethane	5.391	113	60293	49.870	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.740%		
50) Toluene-d8	8.653	98	225241	49.550	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.100%		
62) 4-Bromofluorobenzene	11.079	95	77546	45.093	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.180%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	312	0.325	ug/l #	47
11) Tert butyl alcohol	2.941	59	2262	Below Cal	#	72
13) Acrolein	2.105	56	22	0.386	ug/l	90
16) Acetone	2.380	43	555	0.804	ug/l	90
31) Cyclohexane	5.562	56	2064	1.075	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	7982	4.643	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10718	5.660	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	901	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37447	23.590	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37447	59.428	ug/l #	9
95) Naphthalene	13.780	128	82	Below Cal	#	69

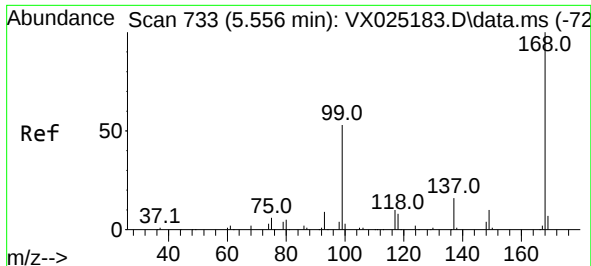
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 03 03:03:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



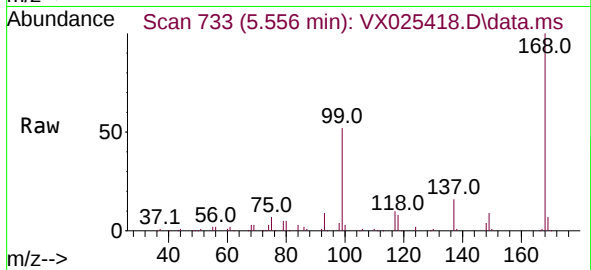


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

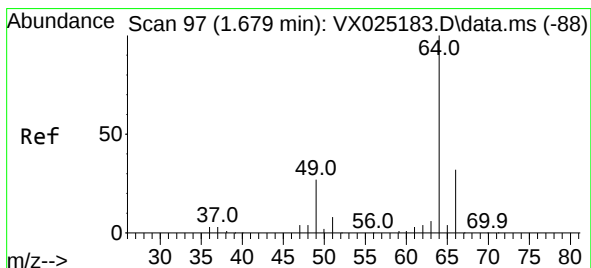
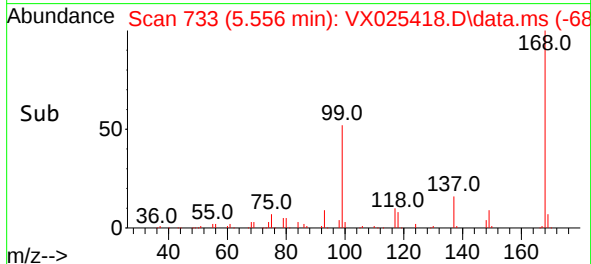
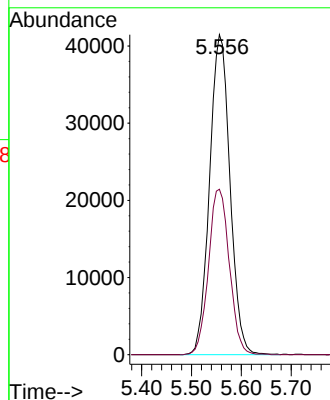
Instrument :

MSVOA_X

ClientSampleId :

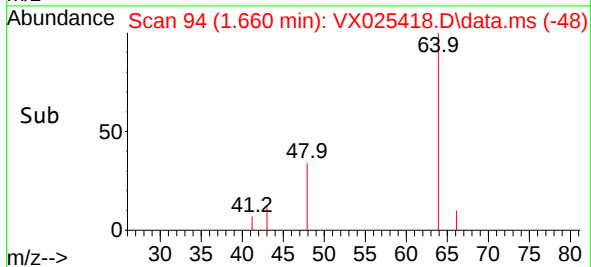
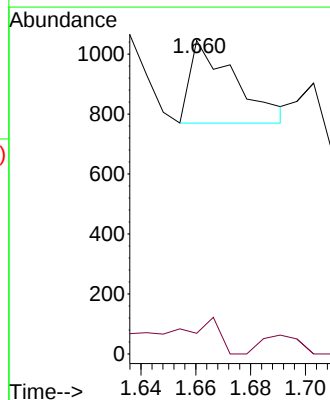
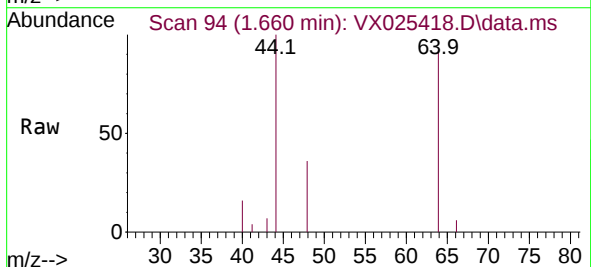


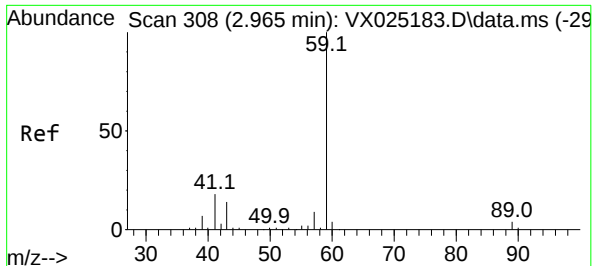
Tgt Ion:168 Resp: 117913
Ion Ratio Lower Upper
168 100
99 51.7 46.4 69.6



#6
Chloroethane
Concen: 0.325 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

Tgt Ion: 64 Resp: 312
Ion Ratio Lower Upper
64 100
66 2.2 25.6 38.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 30

Delta R.T. -0.024 min

Lab File: VX025418.D

Acq: 02 Dec 2021 10:57

Instrument :

MSVOA_X

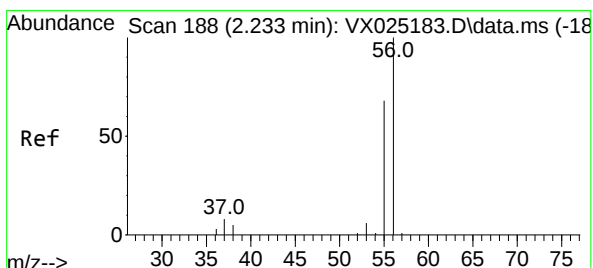
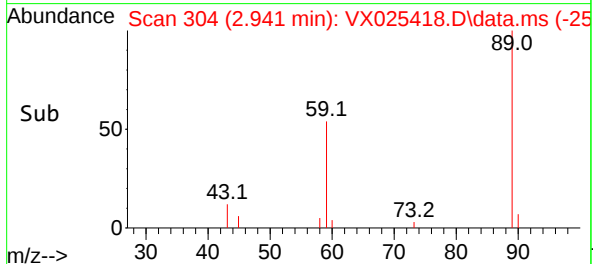
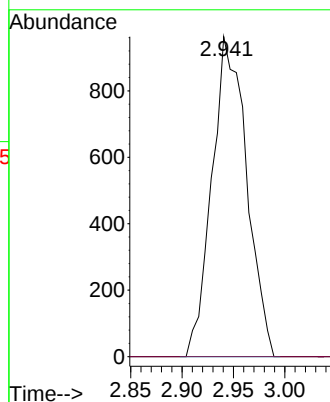
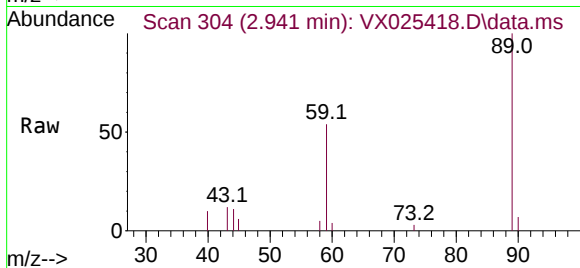
ClientSampleId :

Tgt Ion: 59 Resp: 2262

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 0.386 ug/l

RT: 2.105 min Scan# 167

Delta R.T. -0.128 min

Lab File: VX025418.D

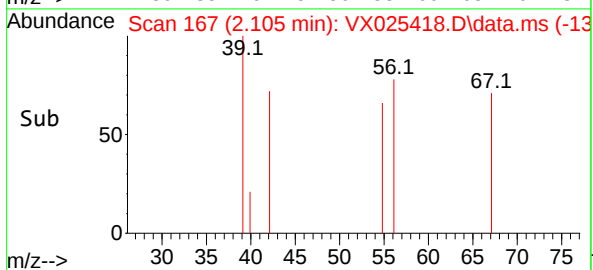
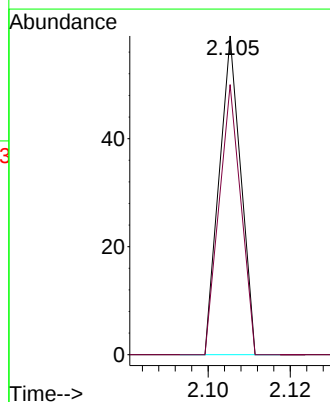
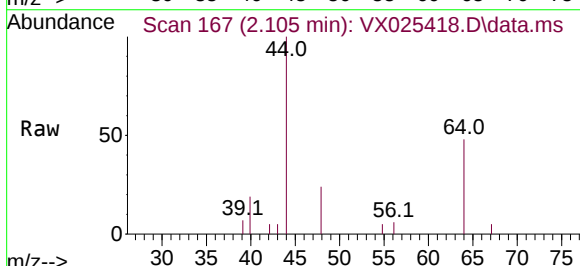
Acq: 02 Dec 2021 10:57

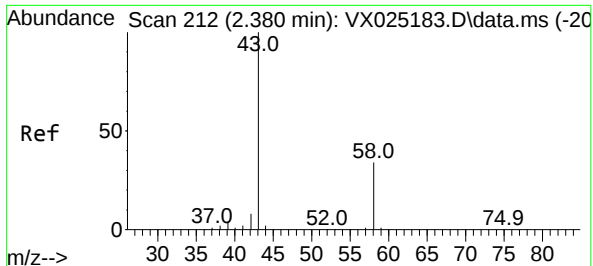
Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

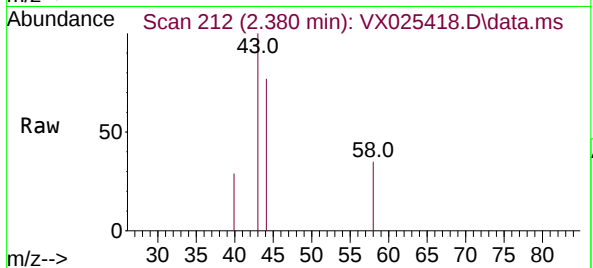
55 81.8 58.6 87.8



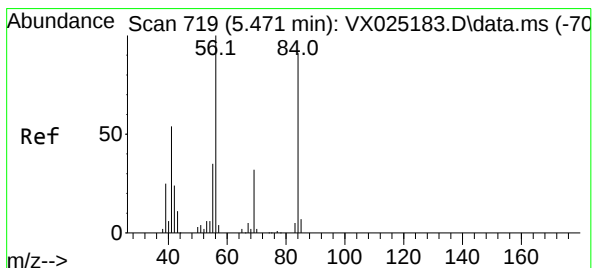
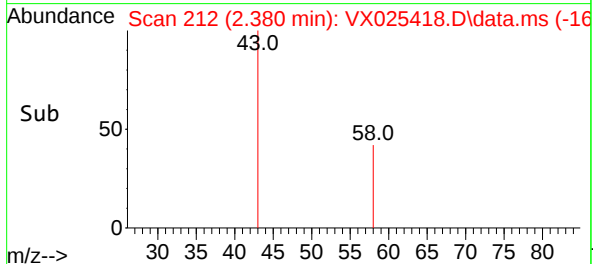
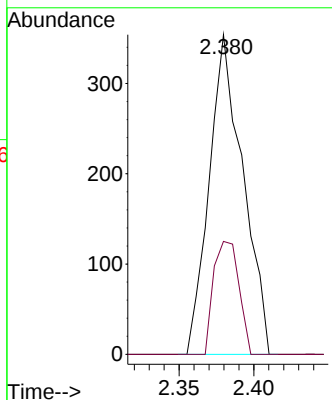


#16
Acetone
Concen: 0.804 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

Instrument :
MSVOA_X
ClientSampleId :

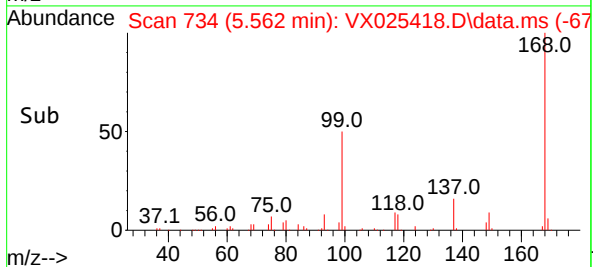
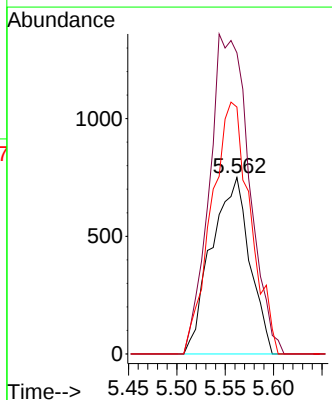
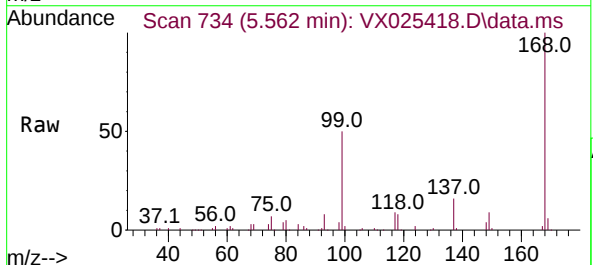


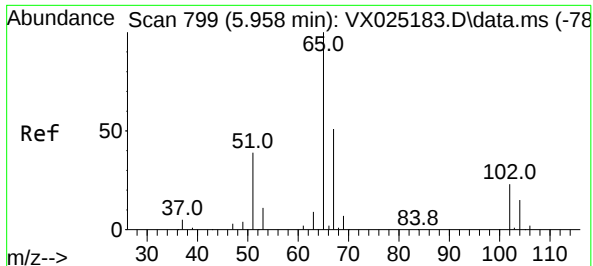
Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
58 35.3 24.0 36.0



#31
Cyclohexane
Concen: 1.075 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

Tgt Ion: 56 Resp: 2064
Ion Ratio Lower Upper
56 100
69 170.7 24.2 36.2#
84 139.9 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 54.152 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025418.D

Acq: 02 Dec 2021 10:57

Instrument :

MSVOA_X

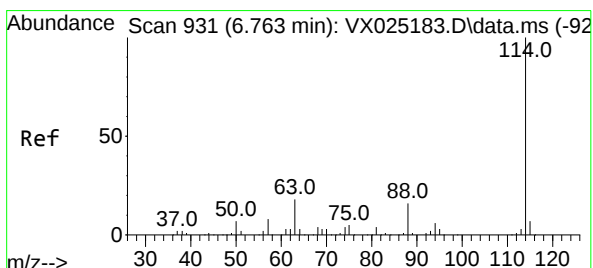
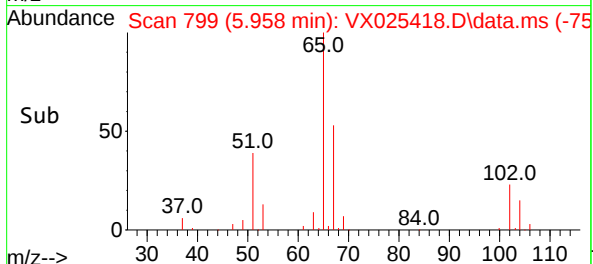
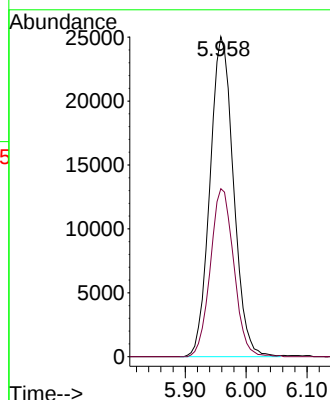
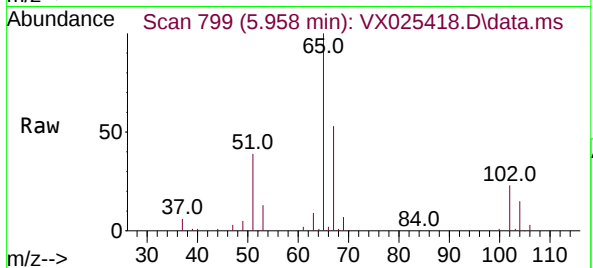
ClientSampleId :

Tgt Ion: 65 Resp: 67305

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025418.D

Acq: 02 Dec 2021 10:57

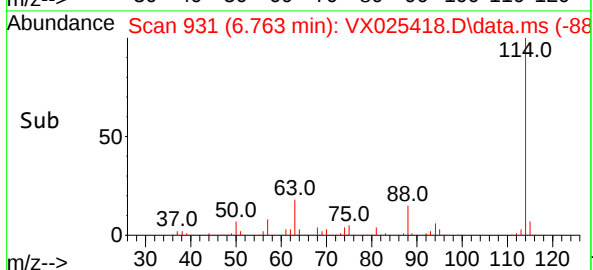
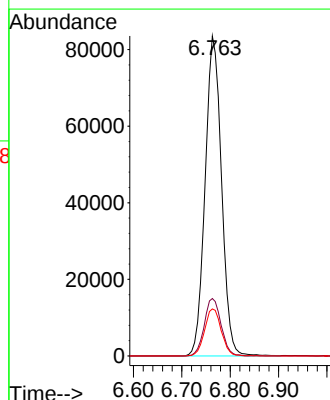
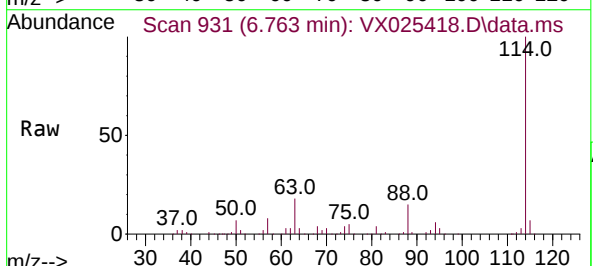
Tgt Ion: 114 Resp: 197045

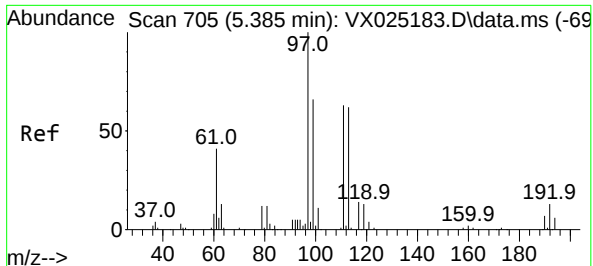
Ion Ratio Lower Upper

114 100

63 17.9 0.0 41.0

88 14.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.870 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

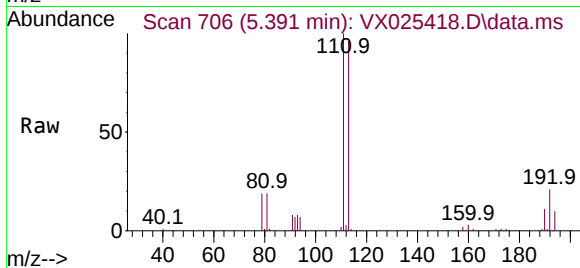
Lab File: VX025418.D

Acq: 02 Dec 2021 10:57

Instrument :

MSVOA_X

ClientSampleId :



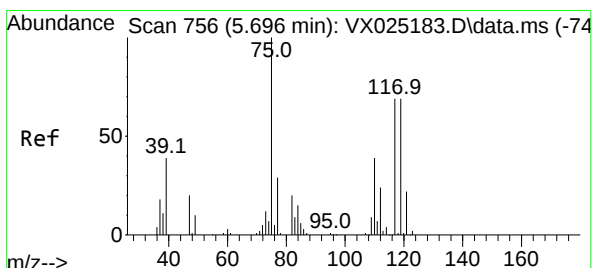
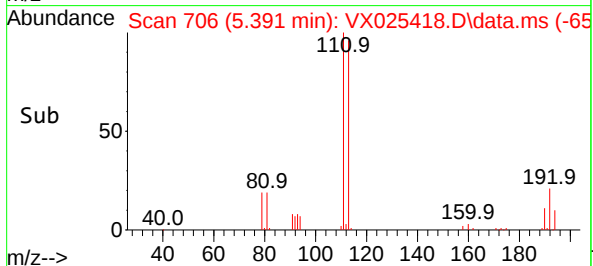
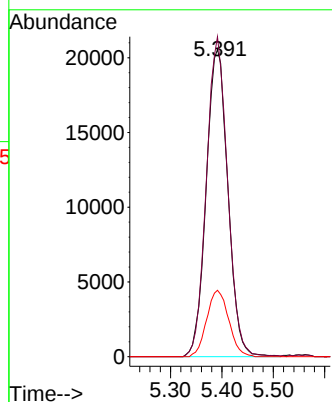
Tgt Ion:113 Resp: 60293

Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

192 21.9 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.643 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX025418.D

Acq: 02 Dec 2021 10:57

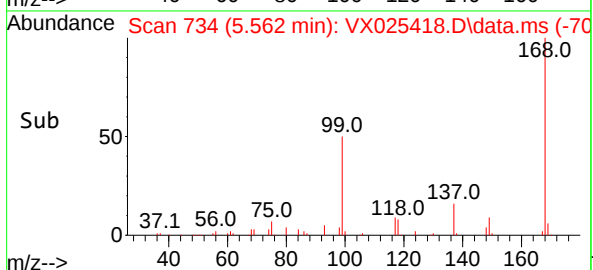
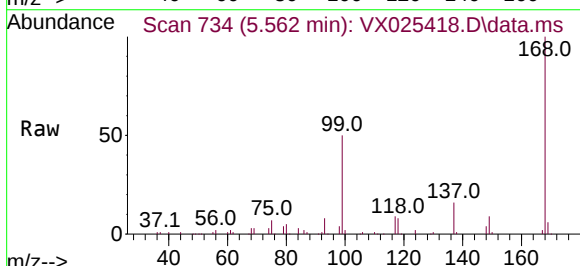
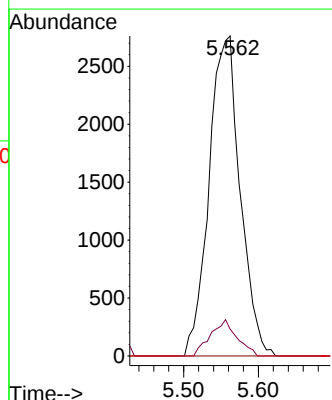
Tgt Ion: 75 Resp: 7982

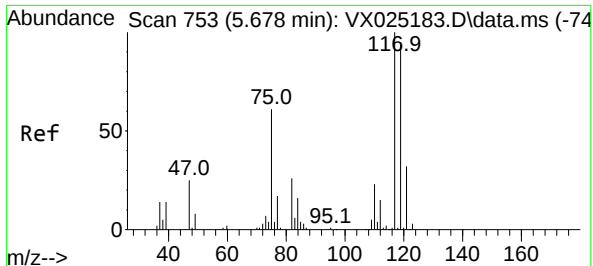
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.3#

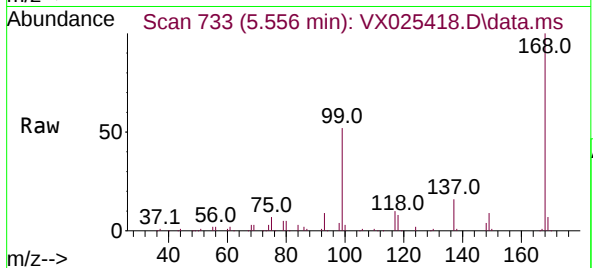
77 0.0 24.4 36.6#



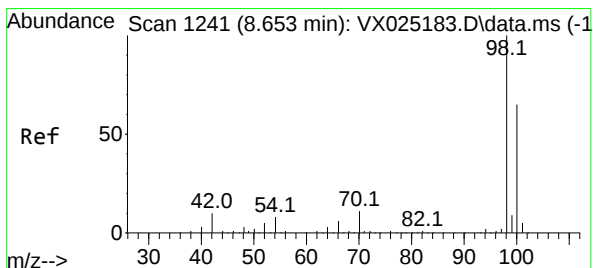
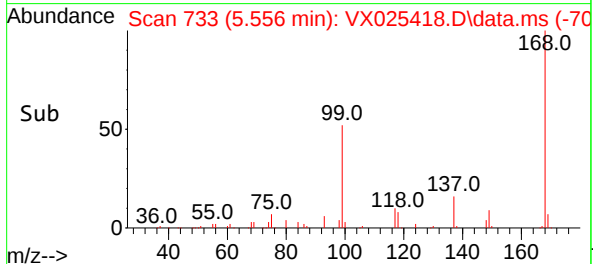
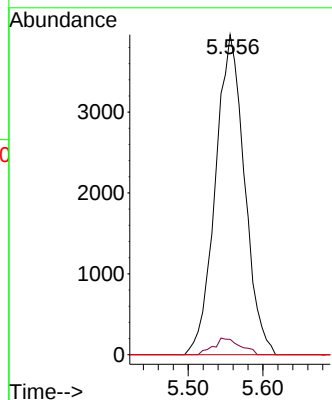


#38
Carbon Tetrachloride
Concen: 5.660 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

Instrument :
MSVOA_X
ClientSampleId :

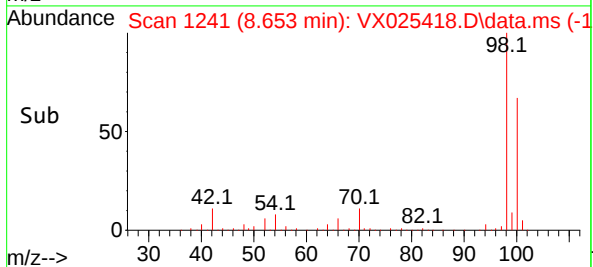
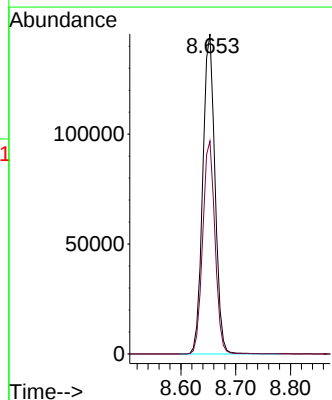
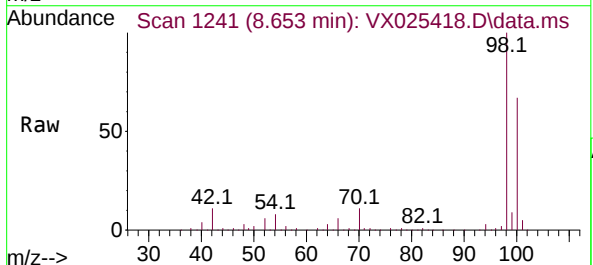


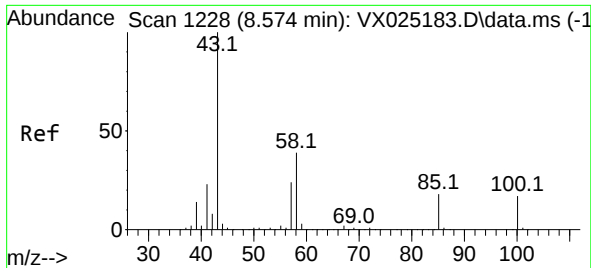
Tgt Ion:117 Resp: 10718
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.550 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

Tgt Ion: 98 Resp: 225241
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0

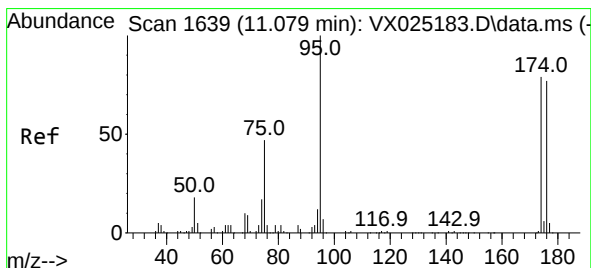
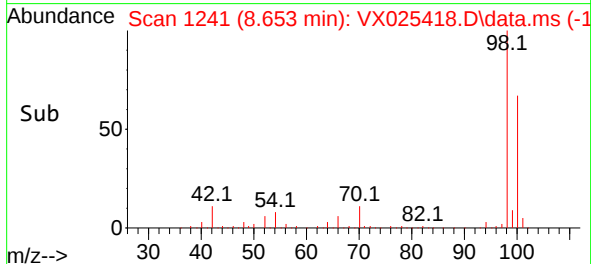
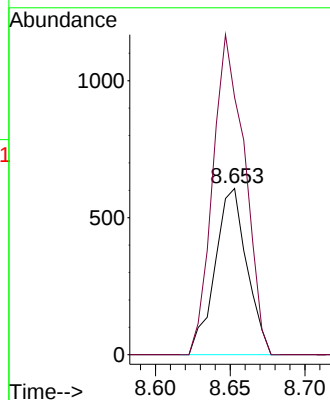
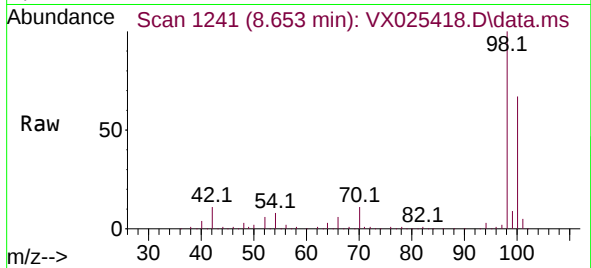




#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

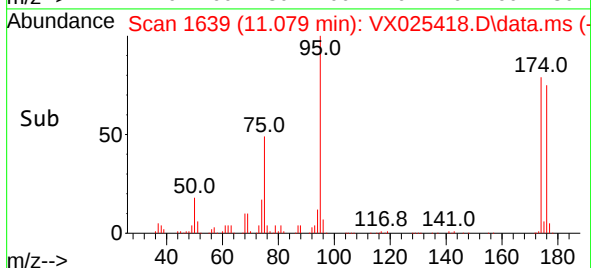
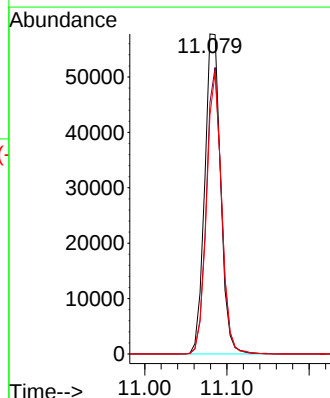
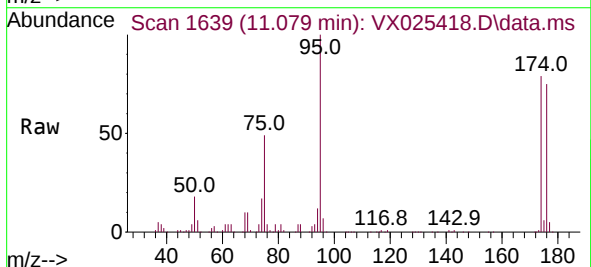
Instrument :
MSVOA_X
ClientSampleId :

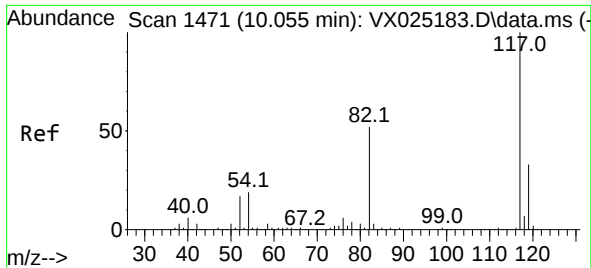
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 191.9 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 45.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

Tgt Ion: 95 Resp: 77546
Ion Ratio Lower Upper
95 100
174 85.1 0.0 158.0
176 83.2 0.0 153.6

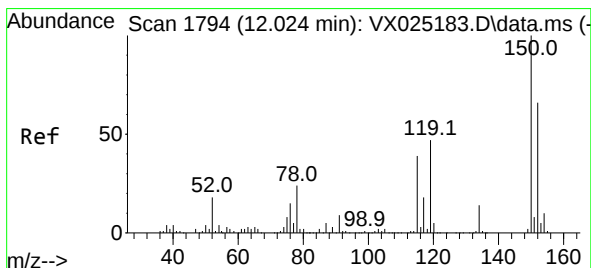
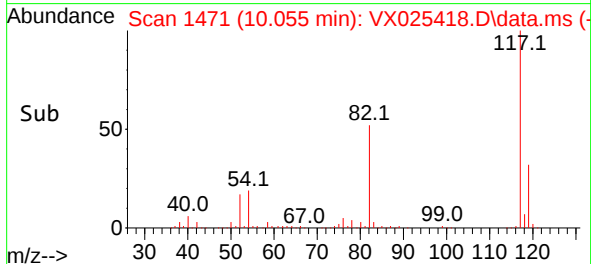
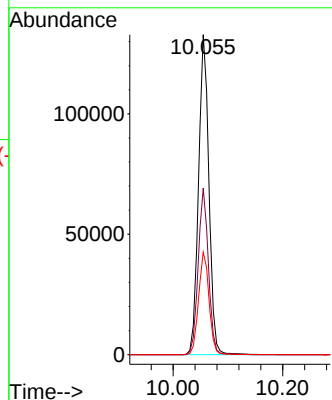
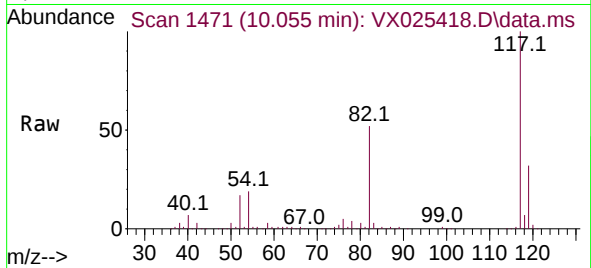




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

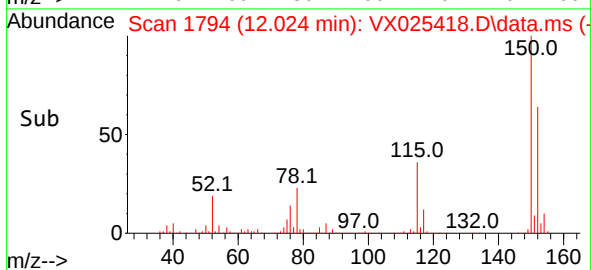
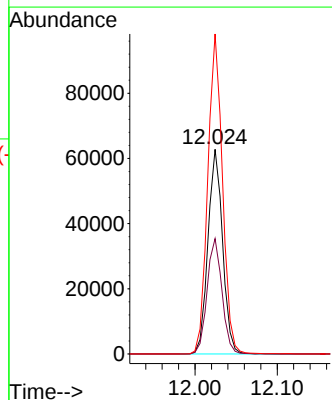
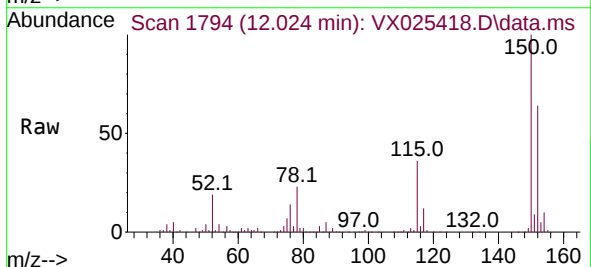
Instrument :
MSVOA_X
ClientSampleId :

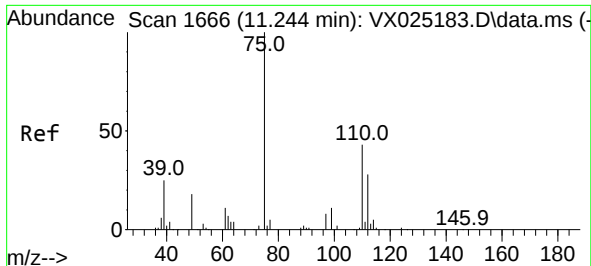
Tgt Ion:117 Resp: 175310
Ion Ratio Lower Upper
117 100
82 52.0 44.6 67.0
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

Tgt Ion:152 Resp: 77517
Ion Ratio Lower Upper
152 100
115 57.2 43.3 129.8
150 157.3 0.0 351.2

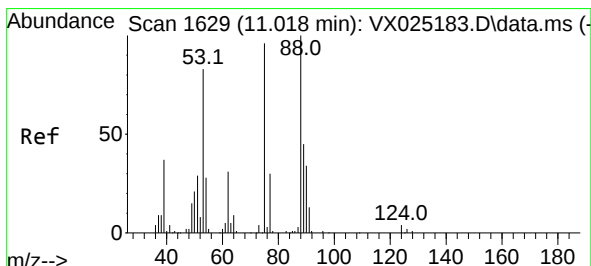
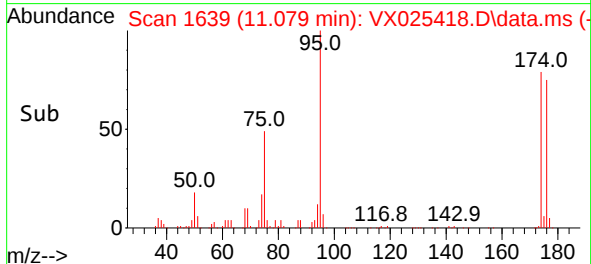
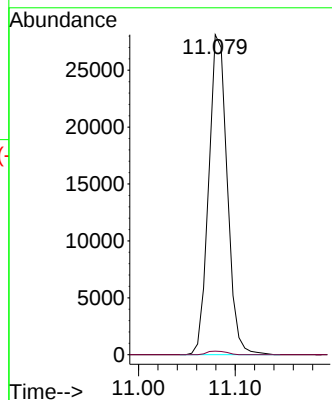
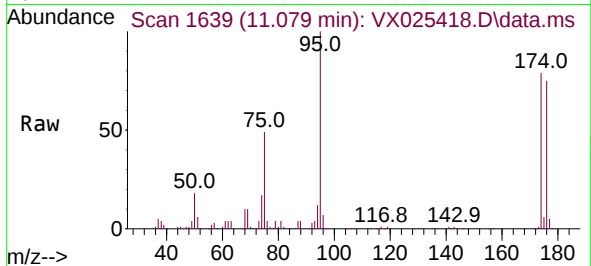




#76
1,2,3-Trichloropropane
Concen: 23.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

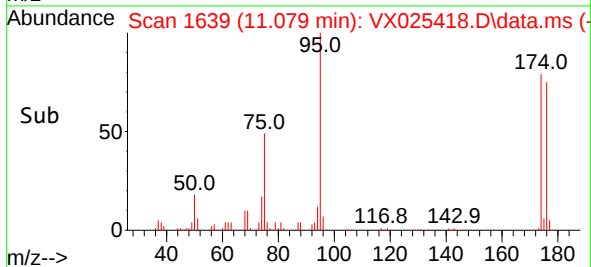
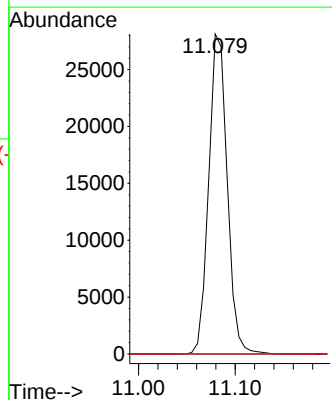
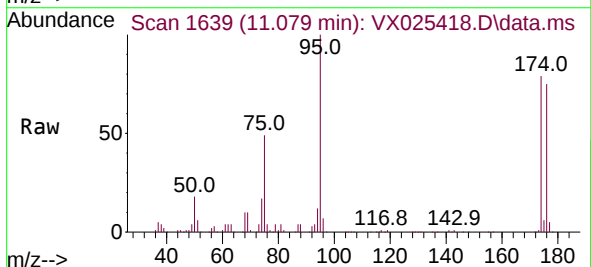
Instrument :
MSVOA_X
ClientSampleId :

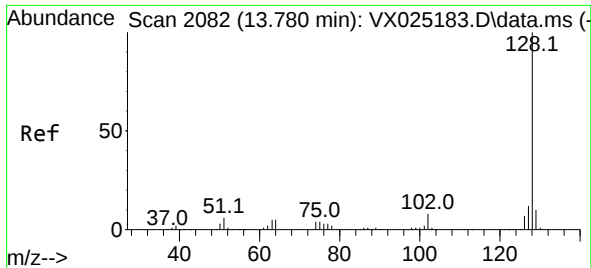
Tgt Ion: 75 Resp: 37447
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.428 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025418.D
Acq: 02 Dec 2021 10:57

Tgt Ion: 75 Resp: 37447
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95

Naphthalene

Concen: Below Cal

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

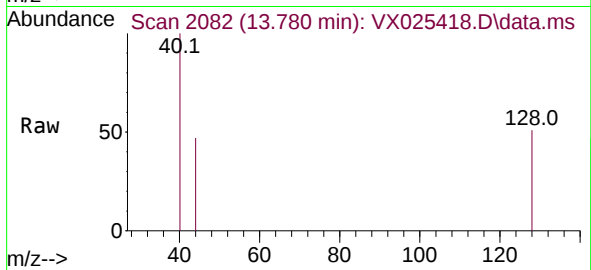
Lab File: VX025418.D

Acq: 02 Dec 2021 10:57

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 82

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

