

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
 Data File : VX025388.D
 Acq On : 30 Nov 2021 10:33
 Operator : JC/MD
 Sample : VX1130MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBL01

Quant Time: Dec 01 02:18:54 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)

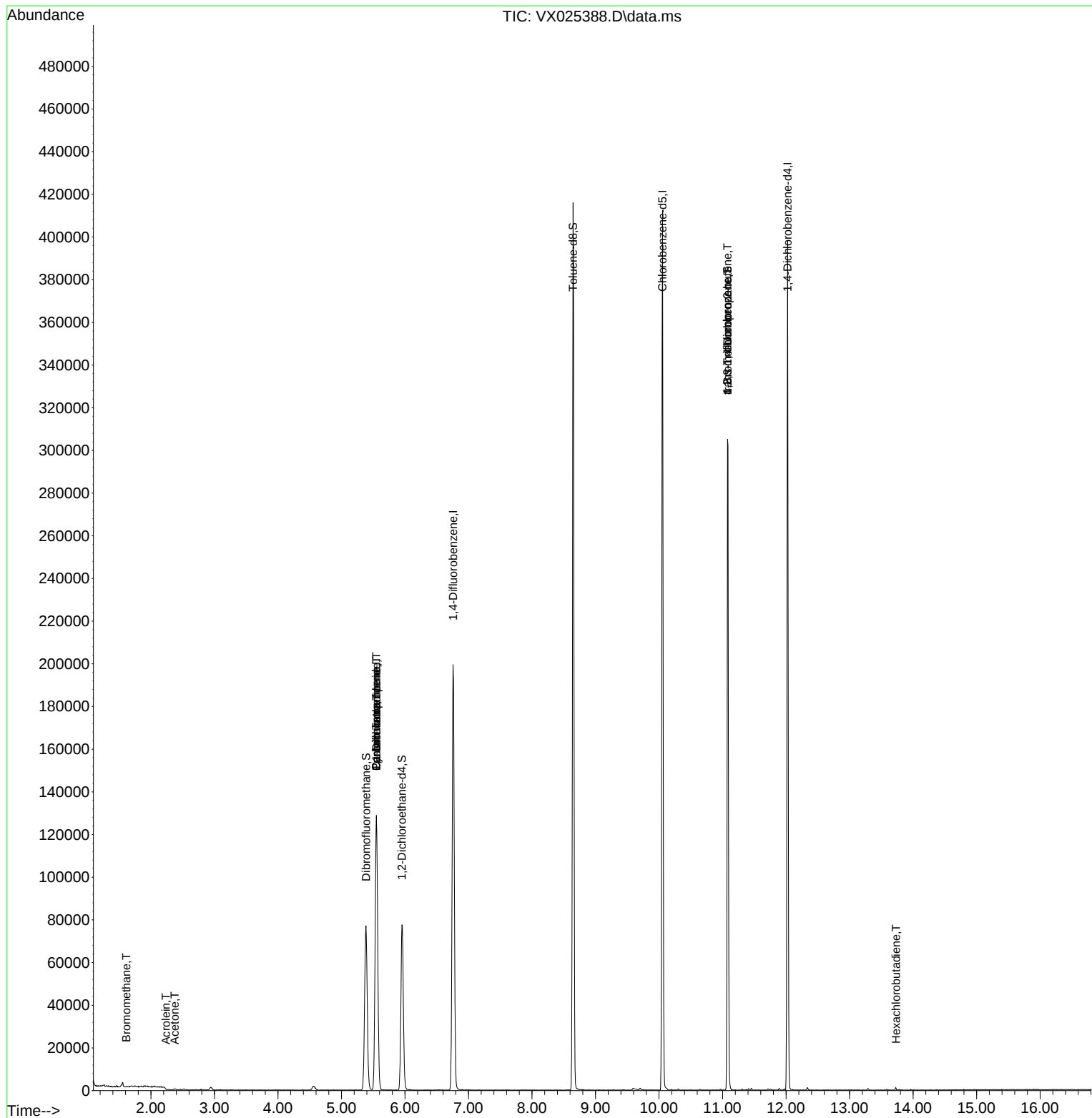
Internal Standards						
1) Pentafluorobenzene	5.550	168	131221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72921	52.721	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.440%	
35) Dibromofluoromethane	5.385	113	66685	50.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	8.647	98	246208	49.376	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	11.079	95	85256	45.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.400%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	172	0.259	ug/l #	49
11) Tert butyl alcohol	2.946	59	902	Below Cal	#	72
13) Acrolein	2.233	56	24	0.379	ug/l #	13
16) Acetone	2.373	43	657	0.855	ug/l #	85
31) Cyclohexane	5.550	56	2341	1.095	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	9025	4.786	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12727	6.127	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	41481	23.760	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41481	59.856	ug/l #	9
94) Hexachlorobutadiene	13.731	225	305	0.381	ug/l	89
95) Naphthalene	13.780	128	329	Below Cal	#	69

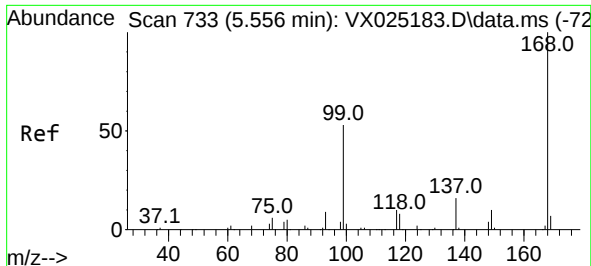
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 01 02:18:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
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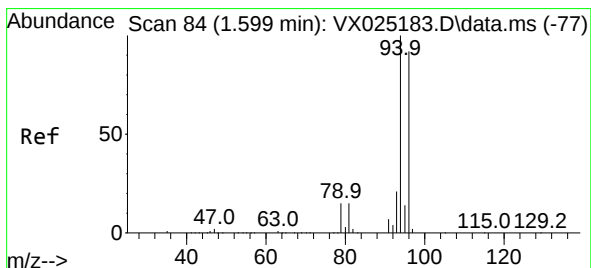
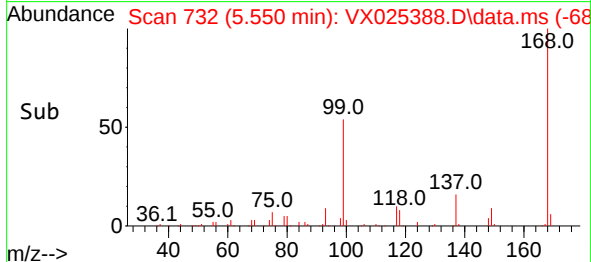
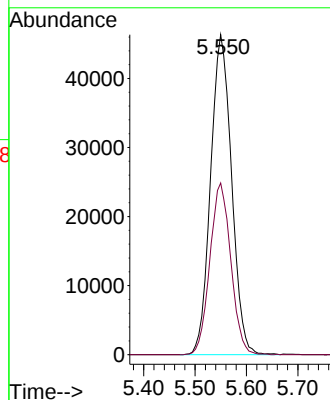
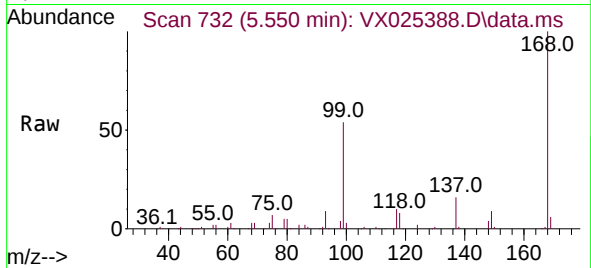




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

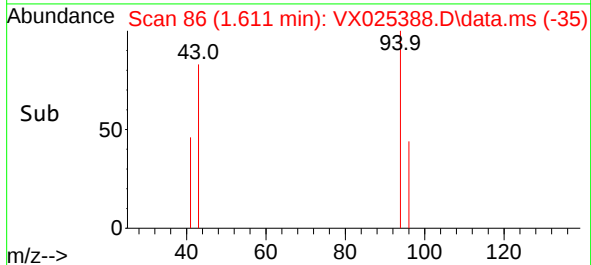
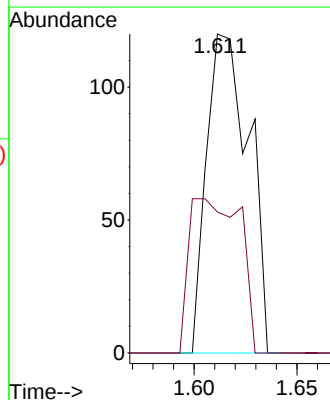
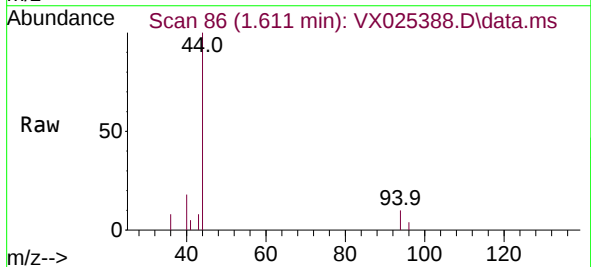
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBL01

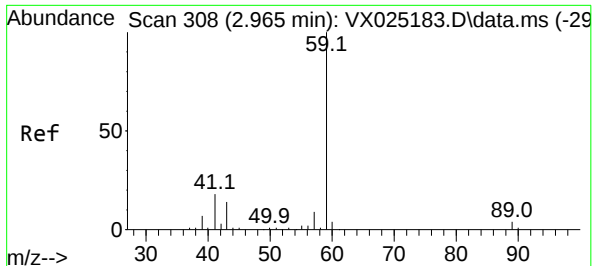
Tgt Ion:168 Resp: 131221
Ion Ratio Lower Upper
168 100
99 53.6 46.4 69.6



#5
Bromomethane
Concen: 0.259 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

Tgt Ion: 94 Resp: 172
Ion Ratio Lower Upper
94 100
96 44.2 74.8 112.2#

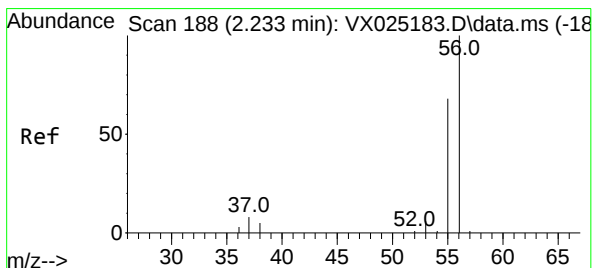
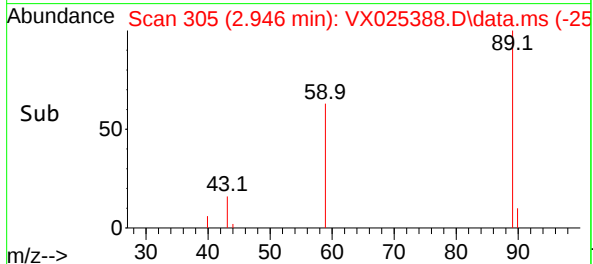
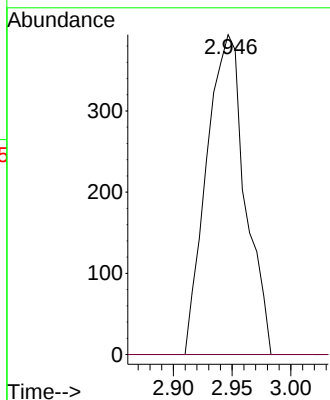
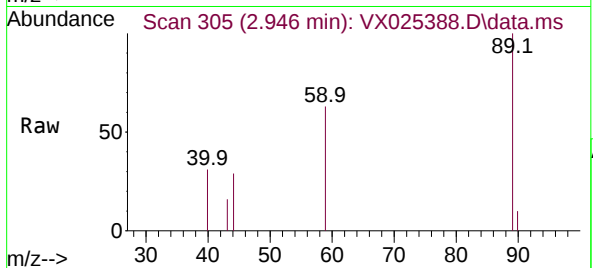




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 308
Delta R.T. -0.019 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

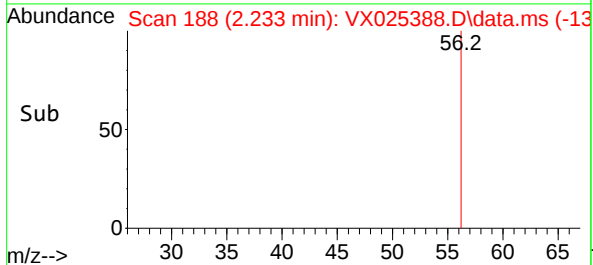
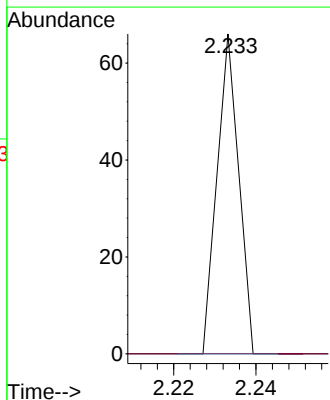
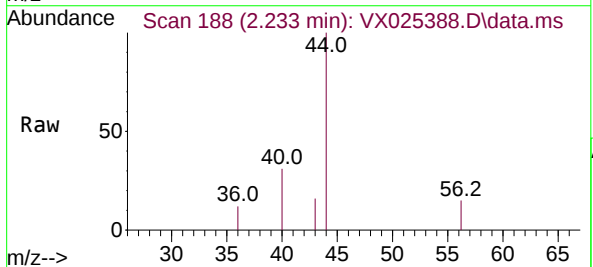
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBL01

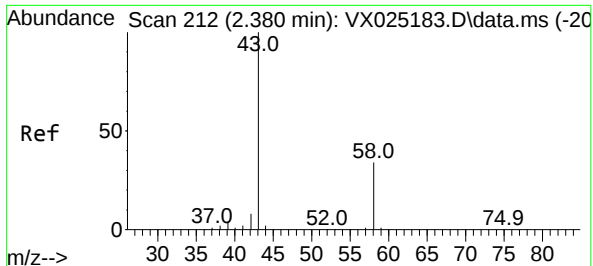
Tgt Ion: 59 Resp: 902
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.379 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#

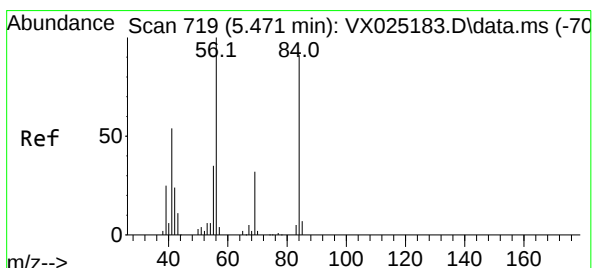
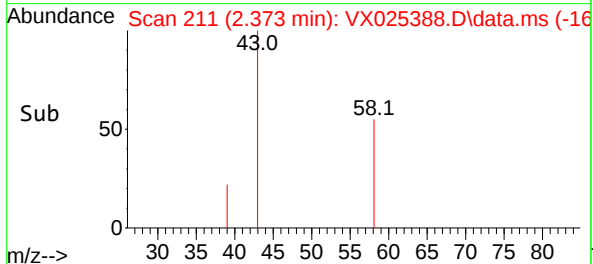
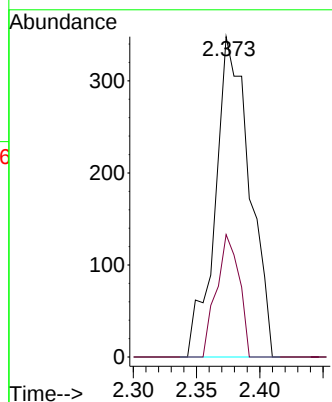
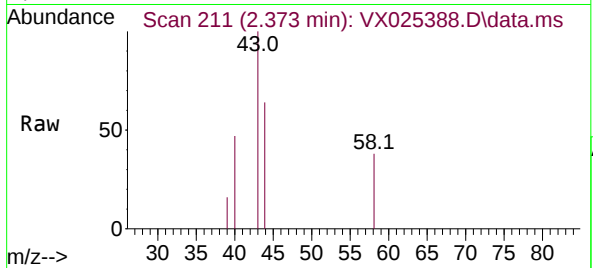




#16
Acetone
Concen: 0.855 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

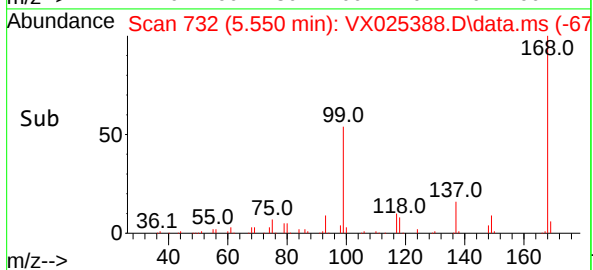
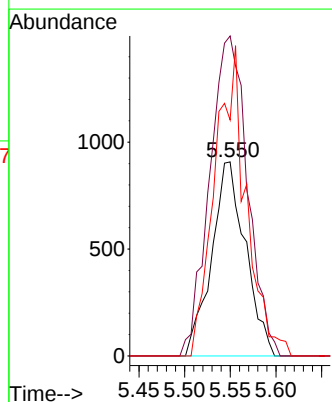
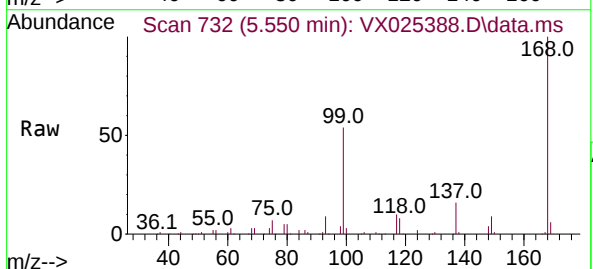
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBL01

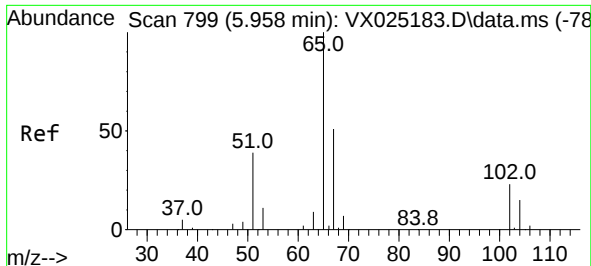
Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
58 38.2 24.0 36.0#



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

Tgt Ion: 56 Resp: 2341
Ion Ratio Lower Upper
56 100
69 164.9 24.2 36.2#
84 121.6 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 52.721 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX025388.D

Acq: 30 Nov 2021 10:33

Instrument :

MSVOA_X

ClientSampleId :

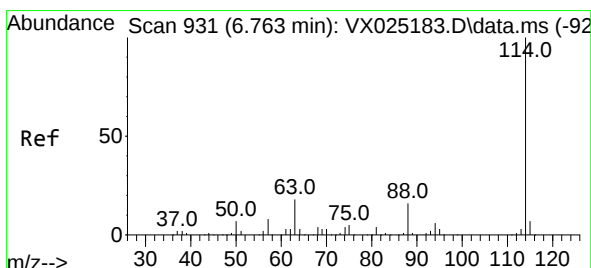
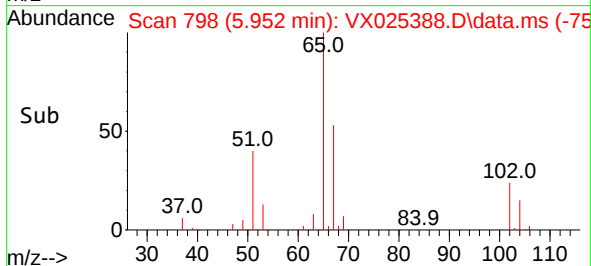
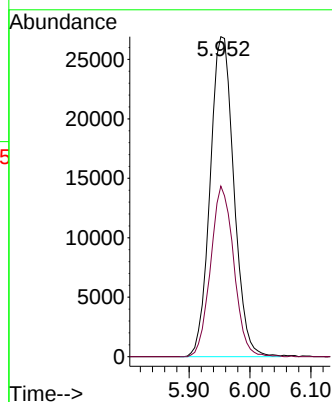
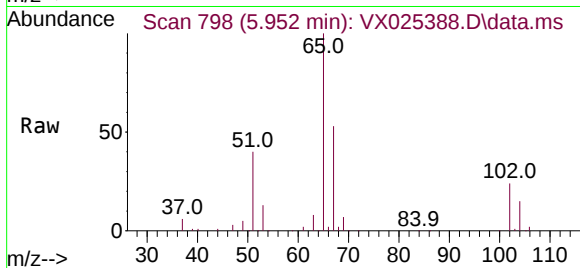
VX1130MBL01

Tgt Ion: 65 Resp: 72921

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX025388.D

Acq: 30 Nov 2021 10:33

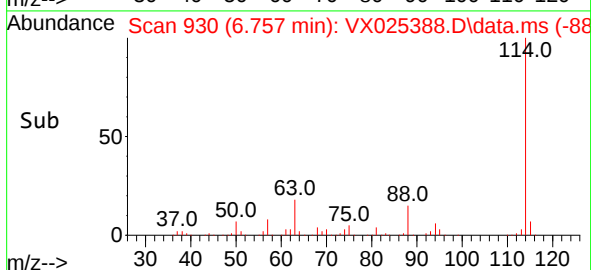
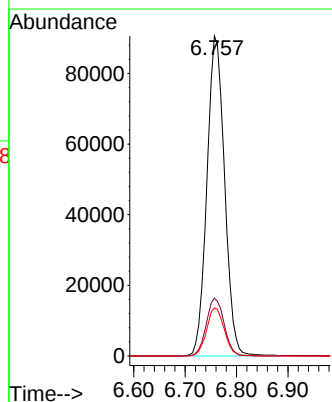
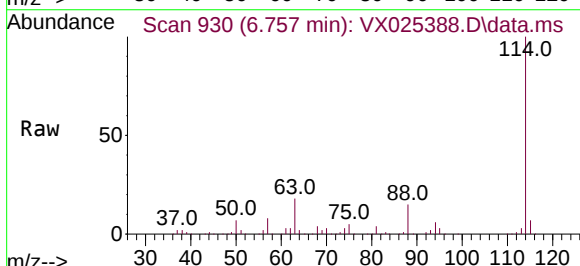
Tgt Ion: 114 Resp: 216148

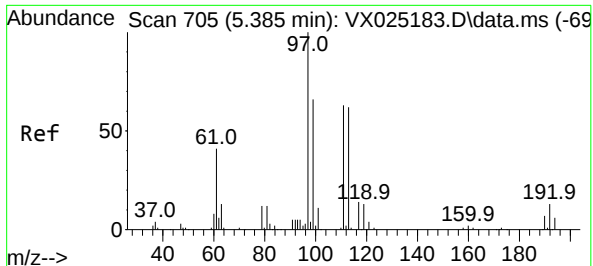
Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.282 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025388.D

Acq: 30 Nov 2021 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBL01

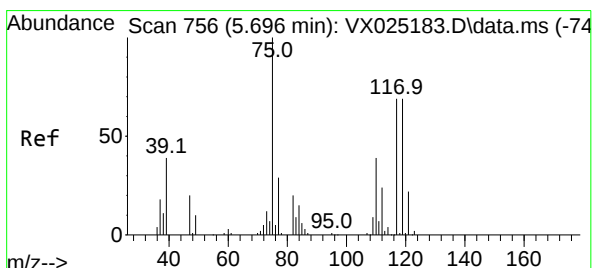
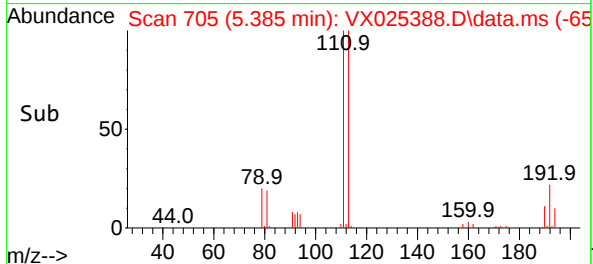
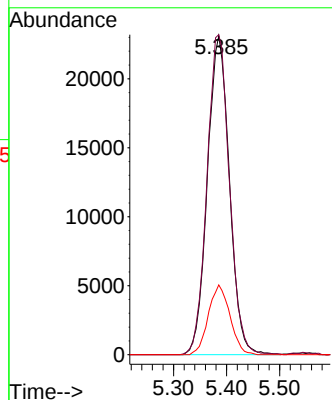
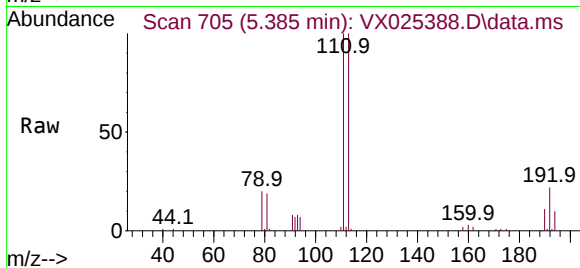
Tgt Ion:113 Resp: 66685

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 21.4 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.786 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025388.D

Acq: 30 Nov 2021 10:33

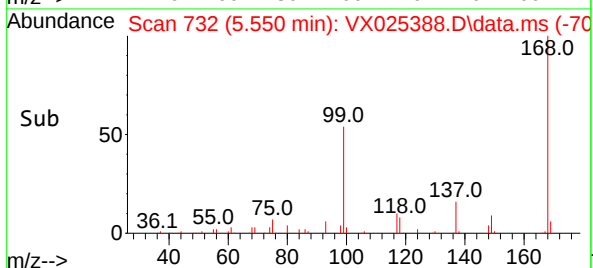
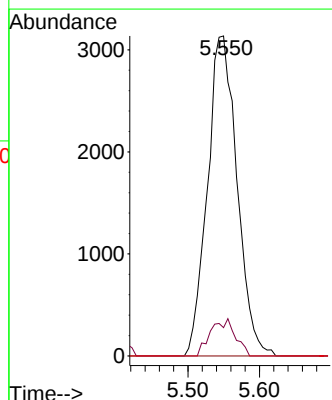
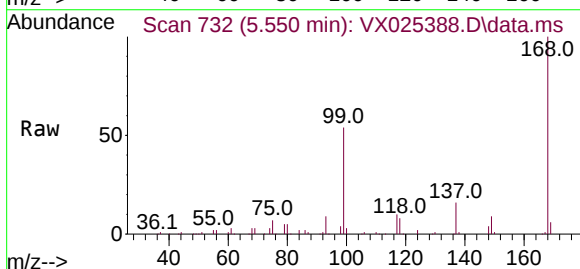
Tgt Ion: 75 Resp: 9025

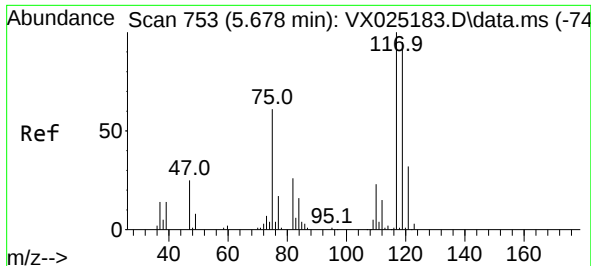
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.3#

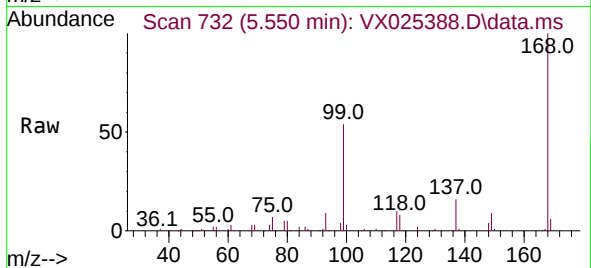
77 0.0 24.4 36.6#



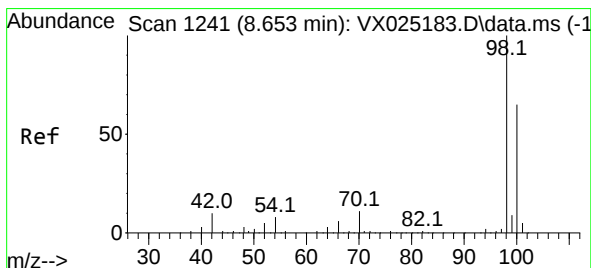
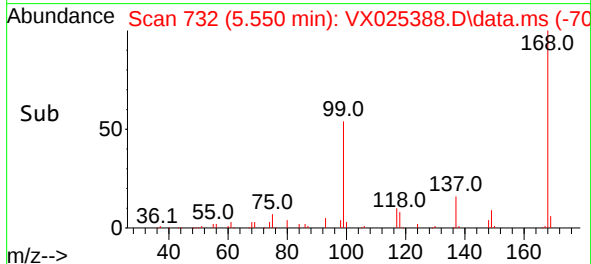
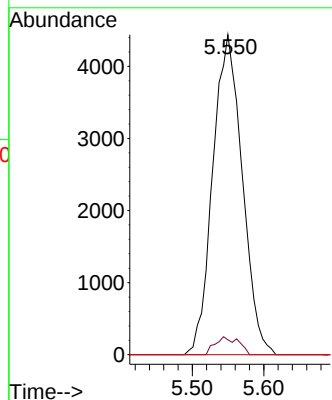


#38
Carbon Tetrachloride
Concen: 6.127 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBL01

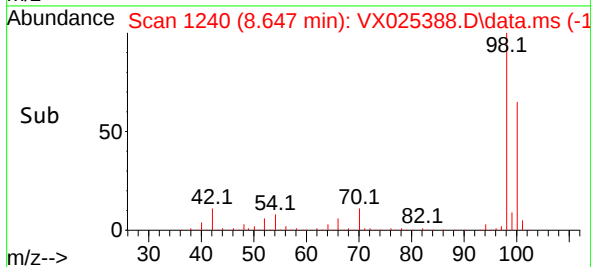
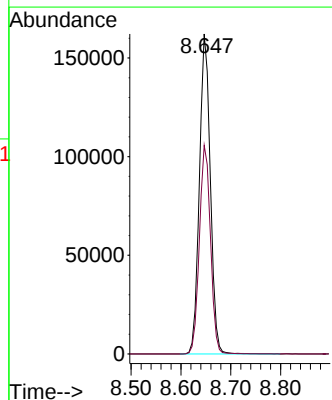
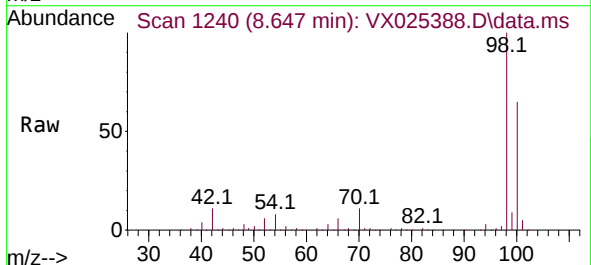


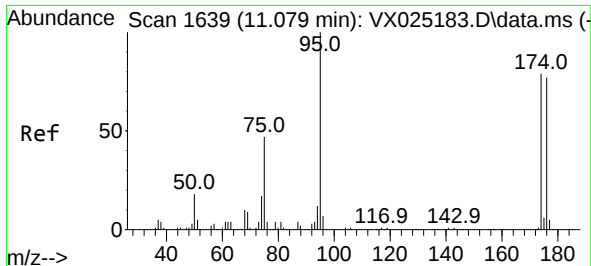
Tgt Ion:117 Resp: 12727
Ion Ratio Lower Upper
117 100
119 4.6 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.376 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

Tgt Ion: 98 Resp: 246208
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0

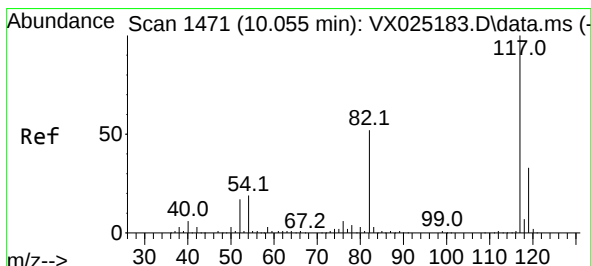
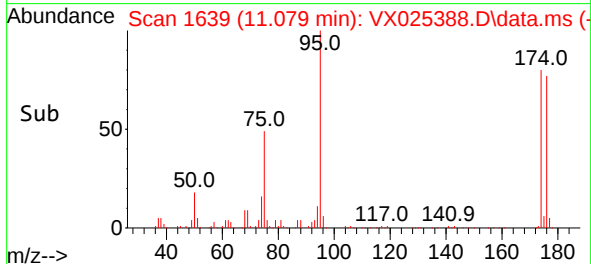
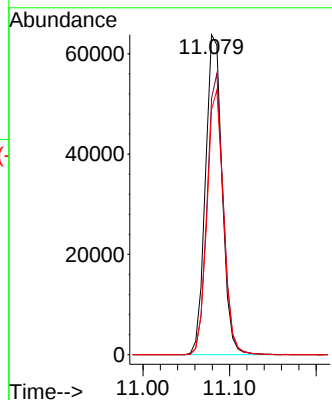
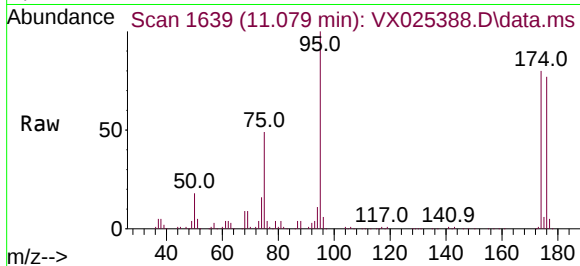




#62
4-Bromofluorobenzene
Concen: 45.195 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

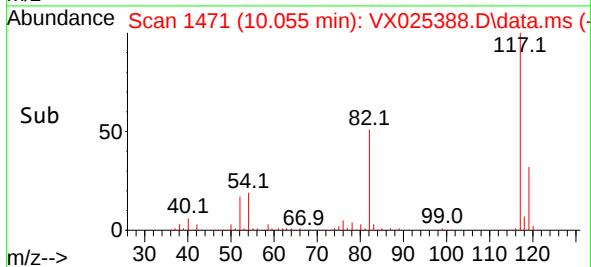
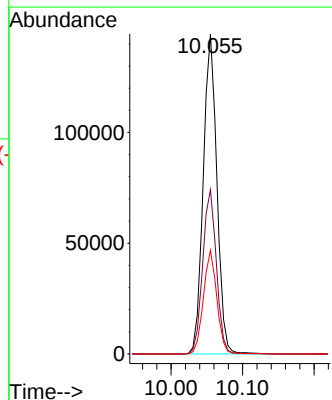
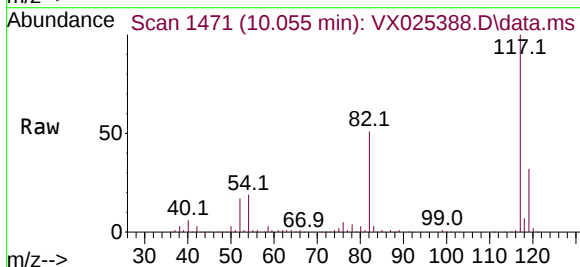
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBL01

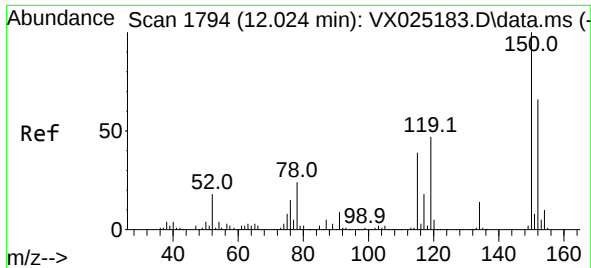
Tgt Ion: 95 Resp: 85256
Ion Ratio Lower Upper
95 100
174 85.8 0.0 158.0
176 82.3 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

Tgt Ion: 117 Resp: 191393
Ion Ratio Lower Upper
117 100
82 51.4 44.6 67.0
119 32.4 24.8 37.2

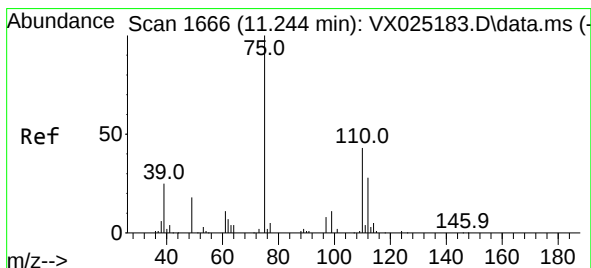
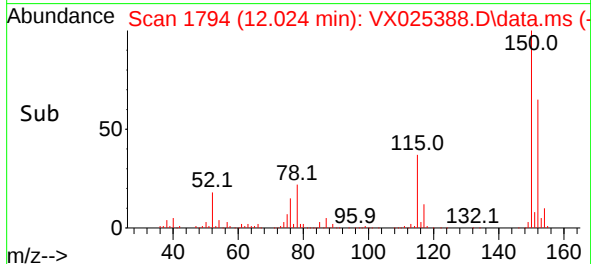
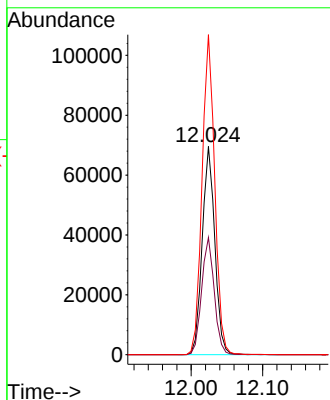
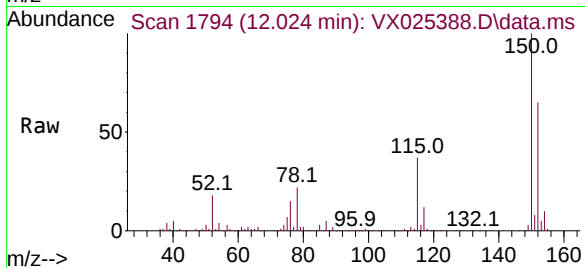




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

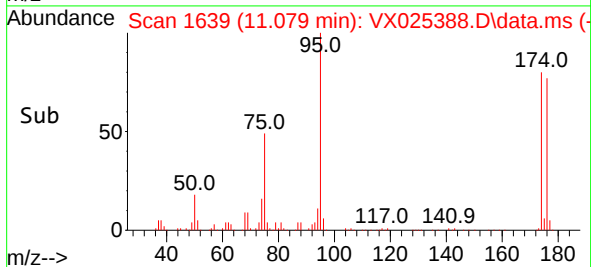
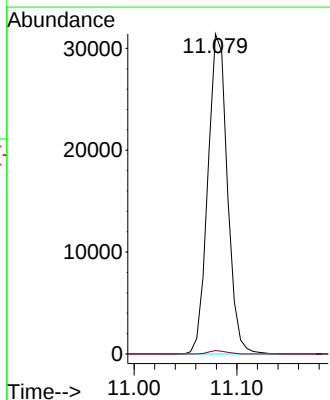
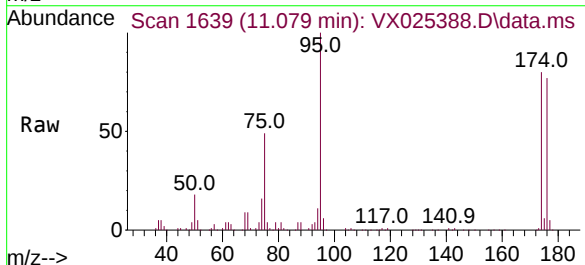
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBL01

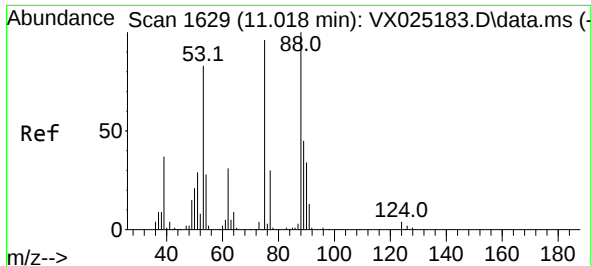
Tgt Ion:152 Resp: 85253
Ion Ratio Lower Upper
152 100
115 56.2 43.3 129.8
150 154.5 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 23.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

Tgt Ion: 75 Resp: 41481
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#

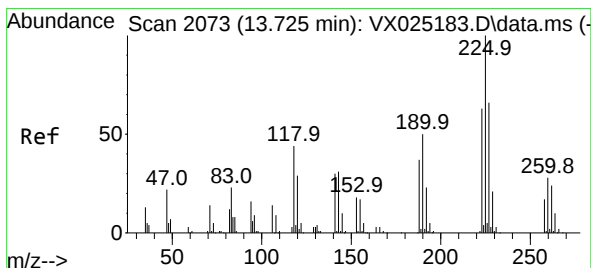
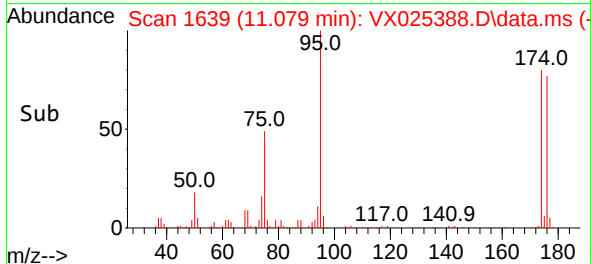
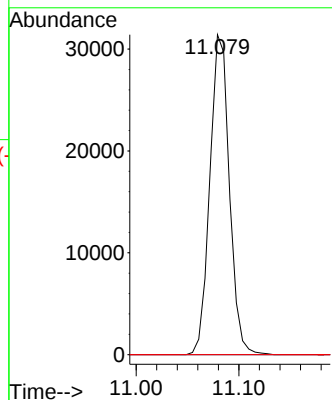
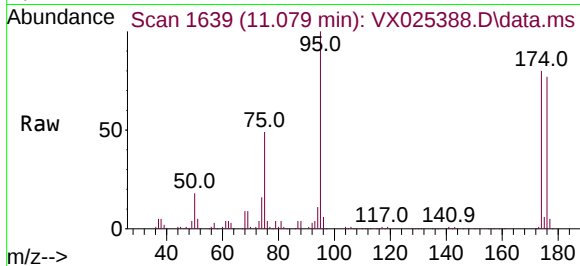




#81
trans-1,4-Dichloro-2-butene
Concen: 59.856 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

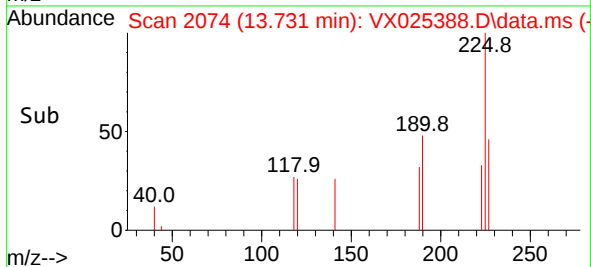
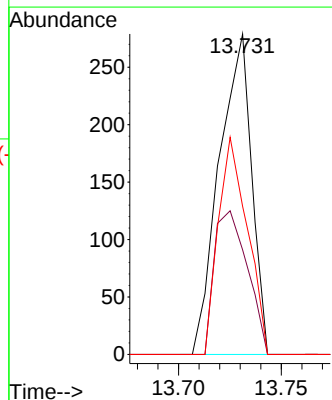
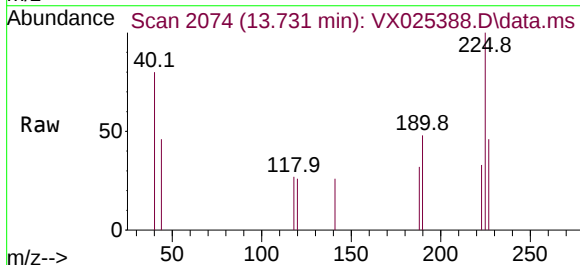
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBL01

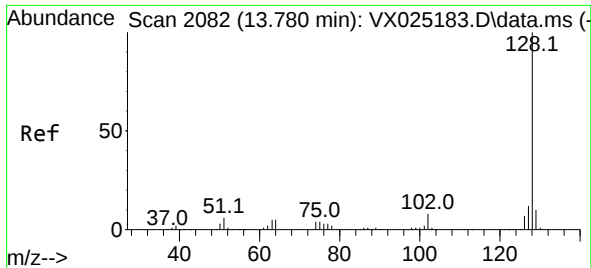
Tgt Ion: 75 Resp: 41481
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#94
Hexachlorobutadiene
Concen: 0.381 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX025388.D
Acq: 30 Nov 2021 10:33

Tgt Ion: 225 Resp: 305
Ion Ratio Lower Upper
225 100
223 45.9 30.9 92.7
227 61.0 31.1 93.5





#95

Naphthalene

Concen: Below Cal

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025388.D

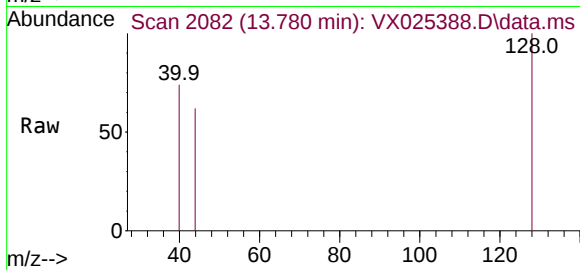
Acq: 30 Nov 2021 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBL01



Tgt Ion:128 Resp: 329

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

