

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025426.D
 Acq On : 02 Dec 2021 14:21
 Operator : JC/MD
 Sample : PB141130ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:06:56 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)

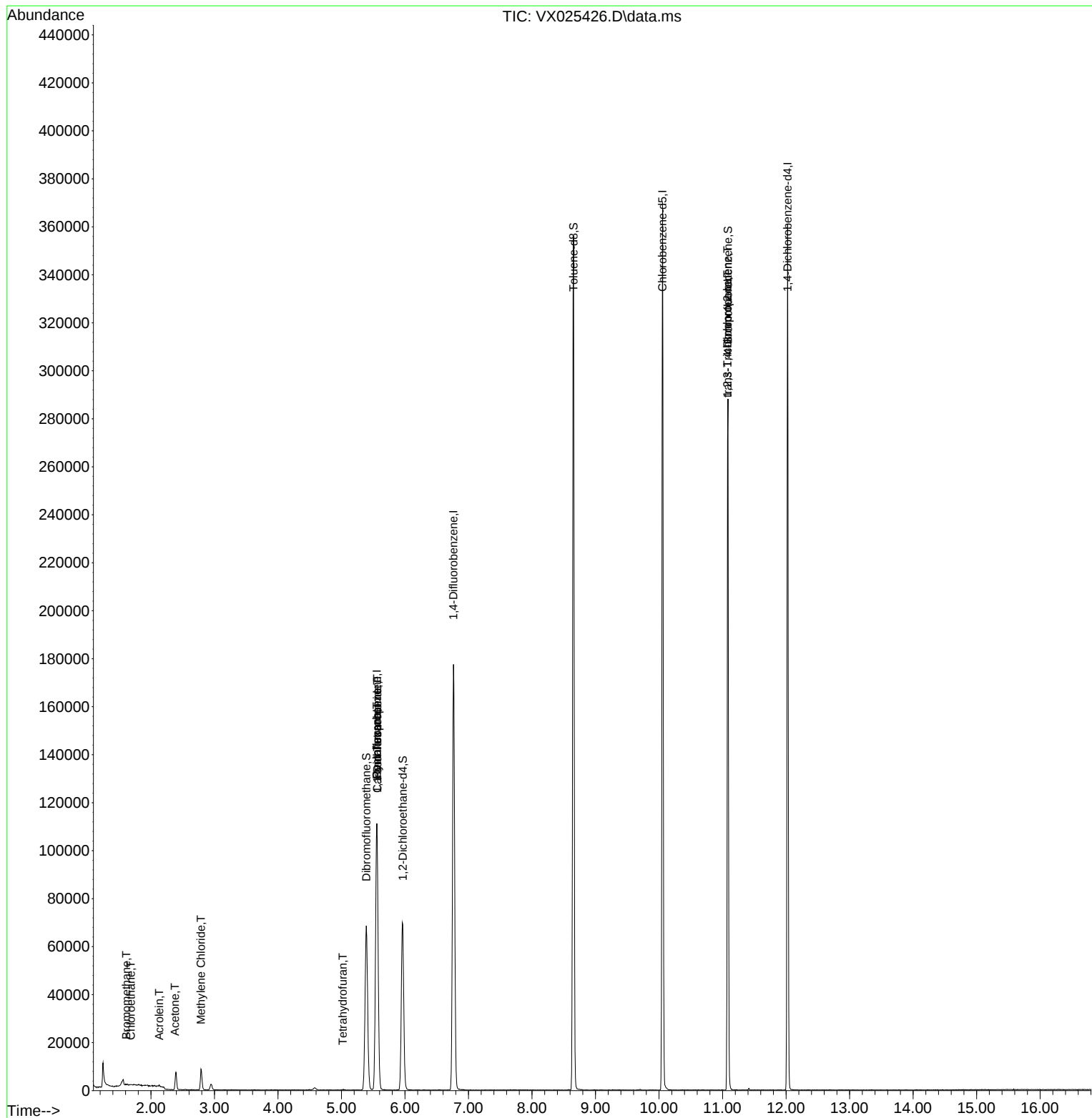
Internal Standards						
1) Pentafluorobenzene	5.556	168	113478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66119	55.277	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.560%			
35) Dibromofluoromethane	5.391	113	58292	49.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.540%			
50) Toluene-d8	8.653	98	218432	49.606	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.085	95	77246	46.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.740%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	226	0.393	ug/l #	69
6) Chloroethane	1.685	64	189	0.205	ug/l #	43
11) Tert butyl alcohol	2.947	59	1476	Below Cal	#	72
13) Acrolein	2.130	56	24	0.438	ug/l #	1
16) Acetone	2.380	43	1142	1.718	ug/l	96
20) Methylene Chloride	2.788	84	3961	3.170	ug/l	98
29) Tetrahydrofuran	5.019	42	228	0.383	ug/l #	32
31) Cyclohexane	5.556	56	1974	1.068	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	7598	4.562	ug/l #	50
38) Carbon Tetrachloride	5.562	117	10900	5.943	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	37209	23.883	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37209	60.165	ug/l #	9
95) Naphthalene	13.786	128	63	Below Cal	#	69

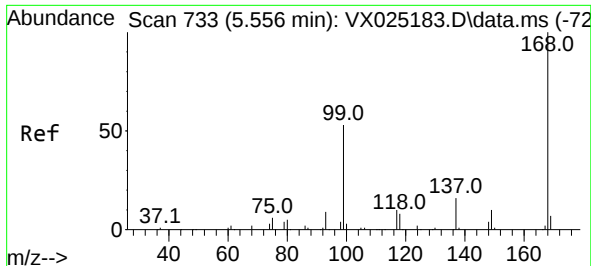
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025426.D
Acq On : 02 Dec 2021 14:21
Operator : JC/MD
Sample : PB141130ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

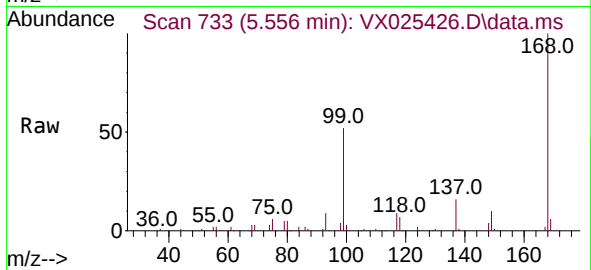
Quant Time: Dec 03 03:06:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



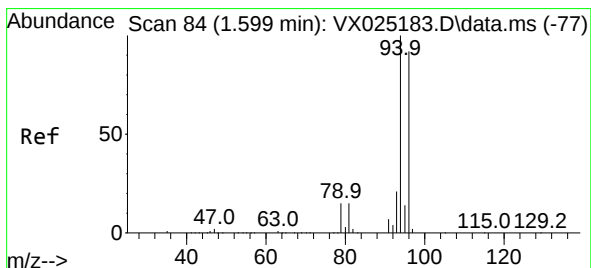
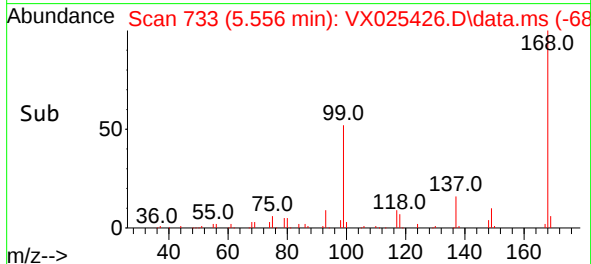
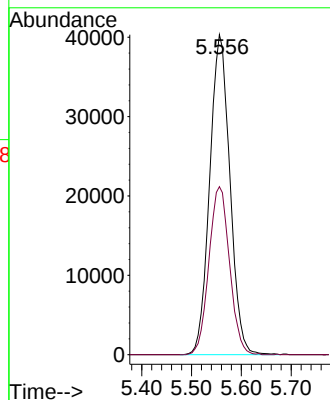


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

Instrument :
MSVOA_X
ClientSampleId :

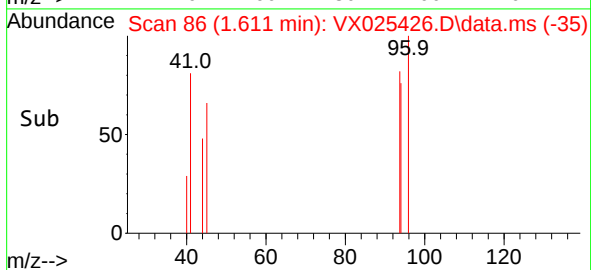
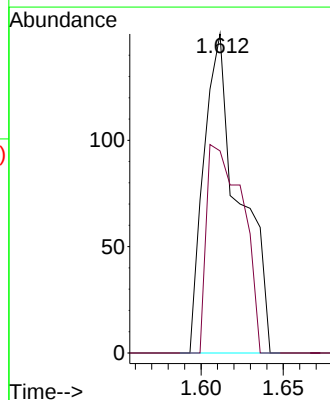
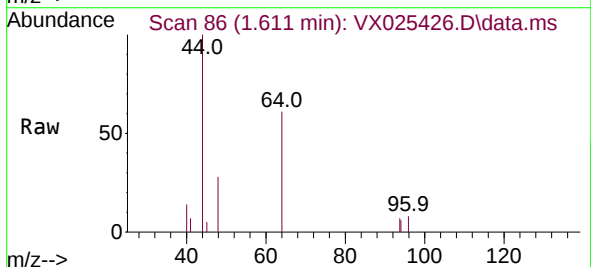


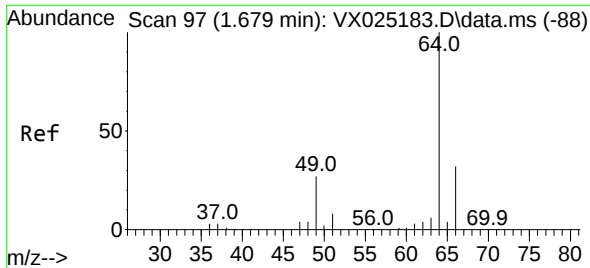
Tgt Ion:168 Resp: 113478
Ion Ratio Lower Upper
168 100
99 52.5 46.4 69.6



#5
Bromomethane
Concen: 0.393 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 63.3 74.8 112.2#

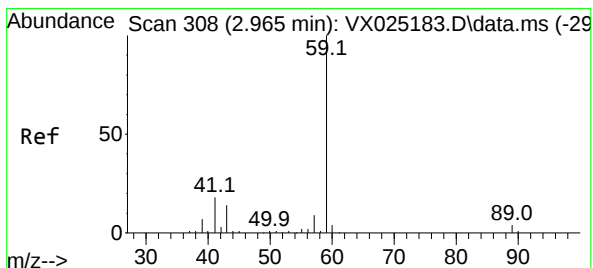
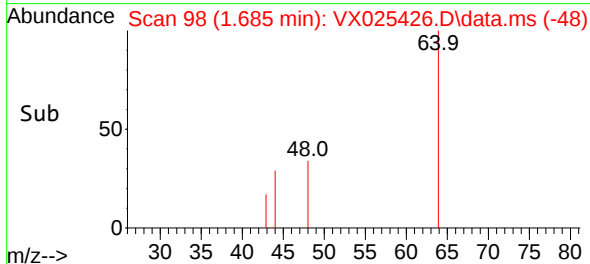
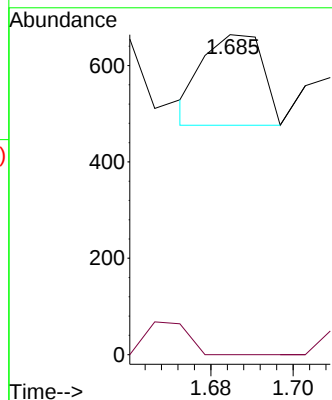
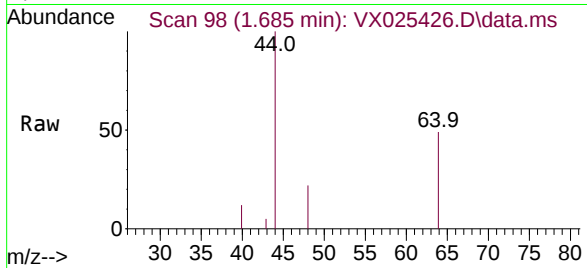




#6
Chloroethane
Concen: 0.205 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

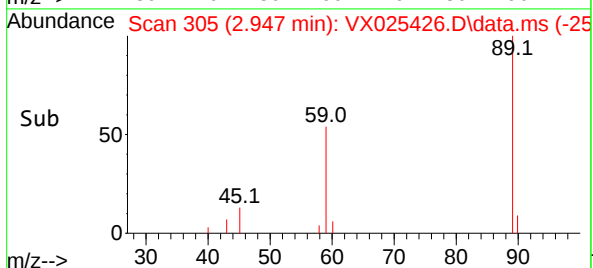
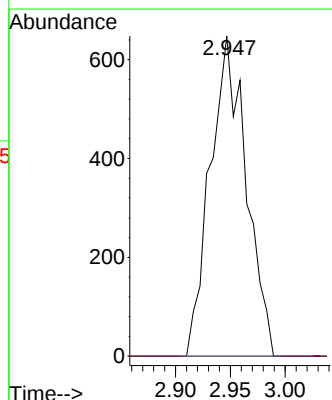
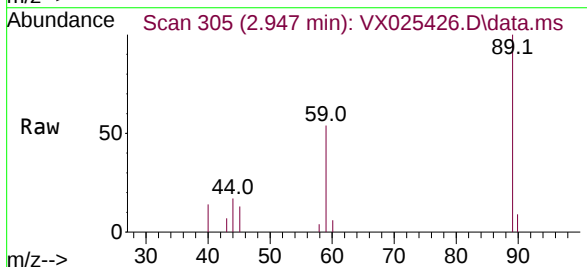
Instrument :
MSVOA_X
ClientSampleId :

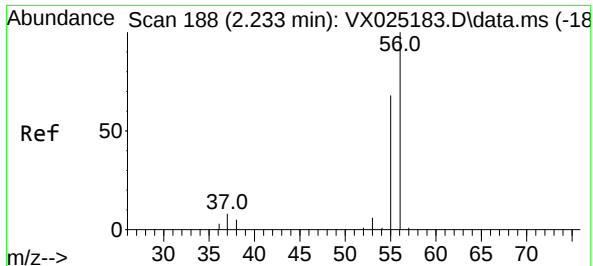
Tgt Ion: 64 Resp: 189
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

Tgt Ion: 59 Resp: 1476
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

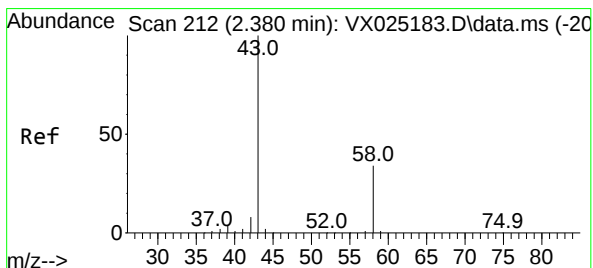
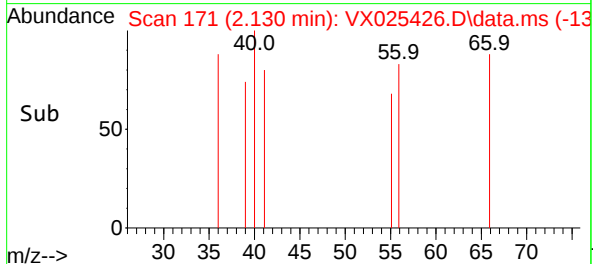
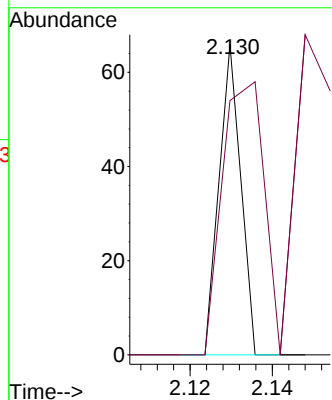
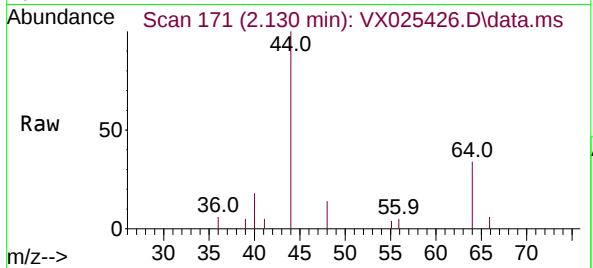




#13
Acrolein
Concen: 0.438 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.103 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

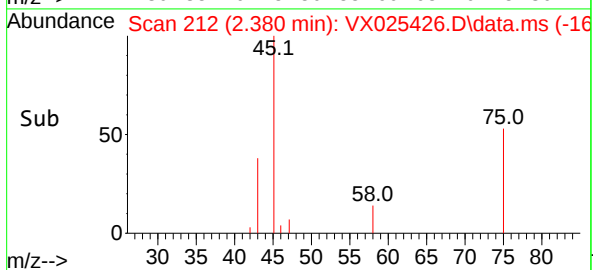
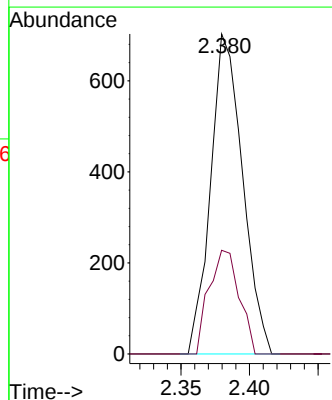
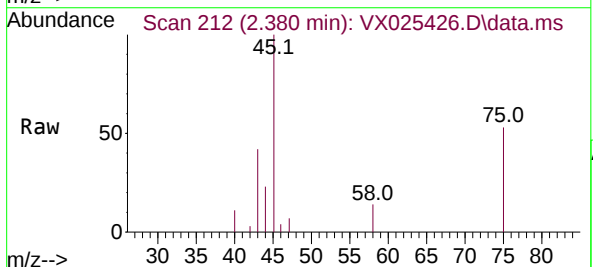
Instrument :
MSVOA_X
ClientSampleId :

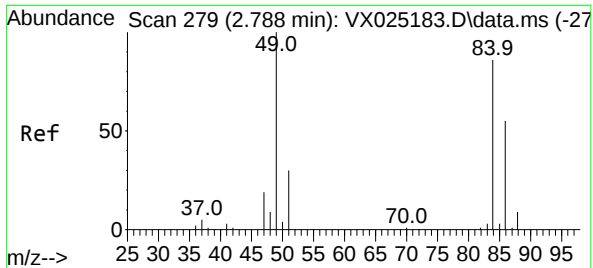
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 170.8 58.6 87.8#



#16
Acetone
Concen: 1.718 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 32.4 24.0 36.0





#20

Methylene Chloride

Concen: 3.170 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025426.D

Acq: 02 Dec 2021 14:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 3961

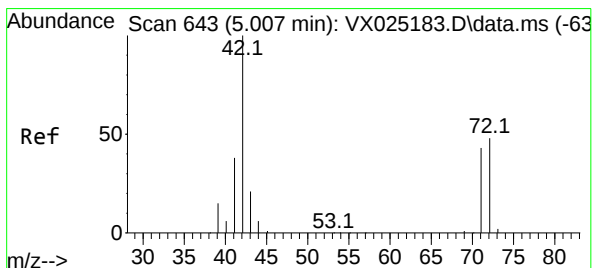
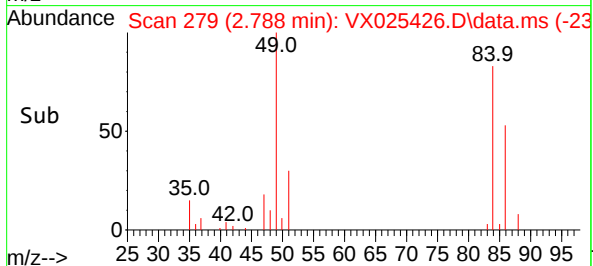
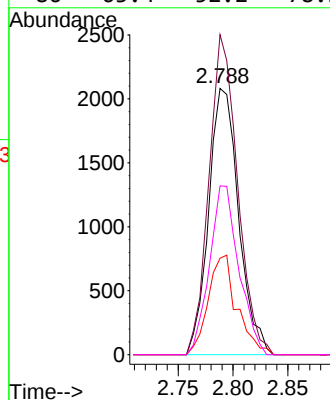
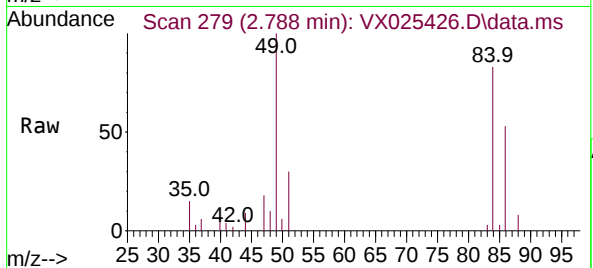
Ion Ratio Lower Upper

84 100

49 120.2 98.2 147.2

51 36.2 30.2 45.4

86 63.4 52.2 78.2



#29

Tetrahydrofuran

Concen: 0.383 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX025426.D

Acq: 02 Dec 2021 14:21

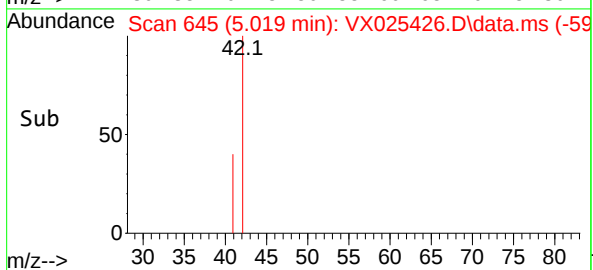
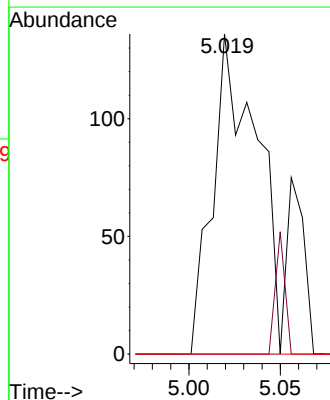
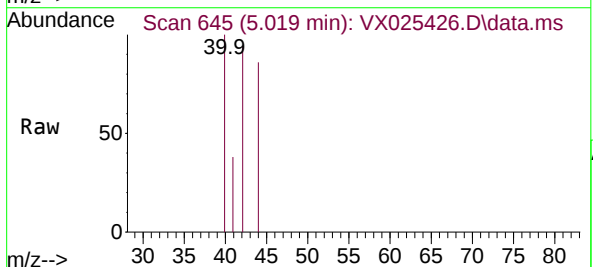
Tgt Ion: 42 Resp: 228

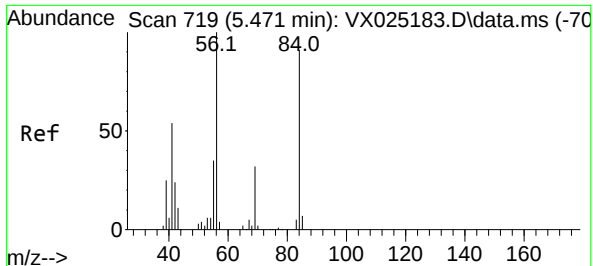
Ion Ratio Lower Upper

42 100

72 0.0 36.1 54.1#

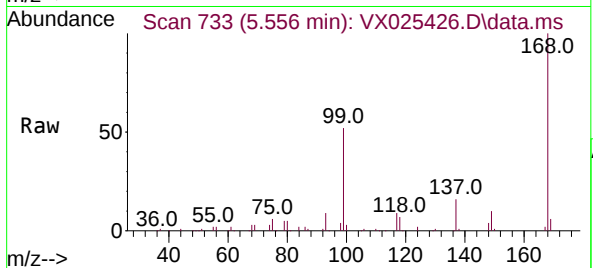
71 0.0 33.7 50.5#



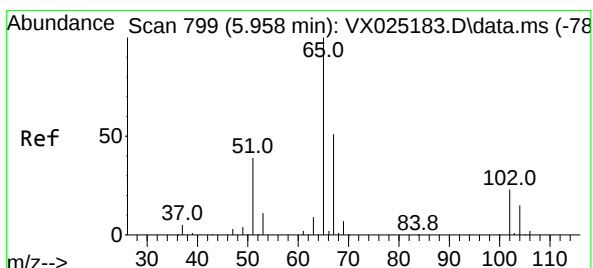
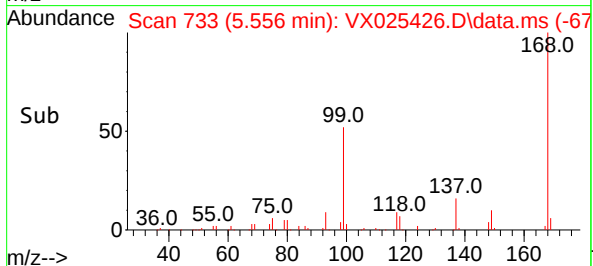
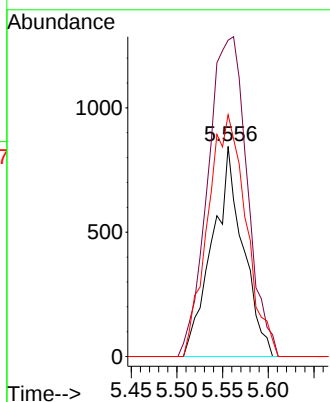


#31
Cyclohexane
Concen: 1.068 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

Instrument :
MSVOA_X
ClientSampleId :

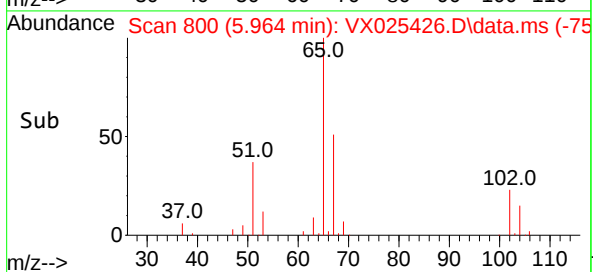
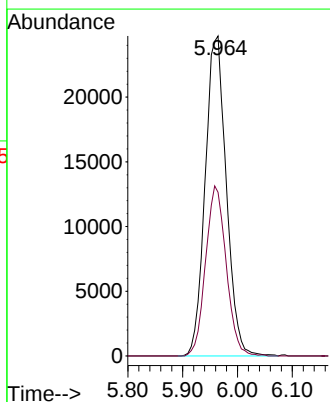
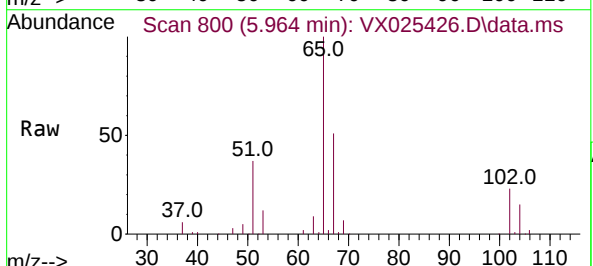


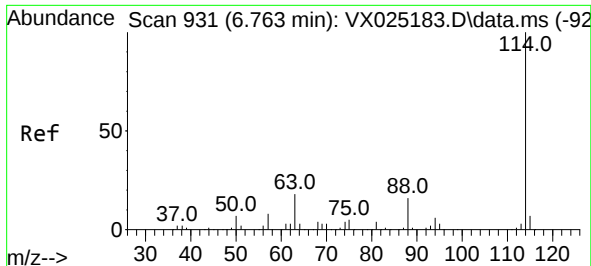
Tgt Ion: 56 Resp: 1974
Ion Ratio Lower Upper
56 100
69 150.5 24.2 36.2#
84 115.0 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 55.277 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

Tgt Ion: 65 Resp: 66119
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.0

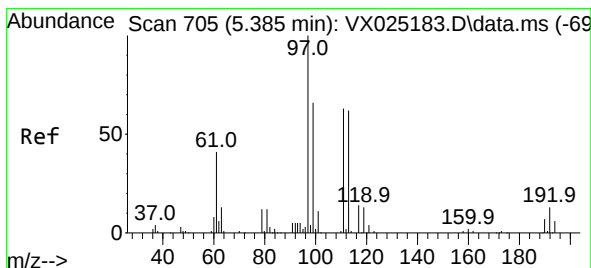
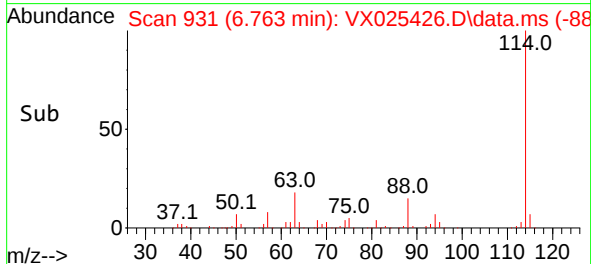
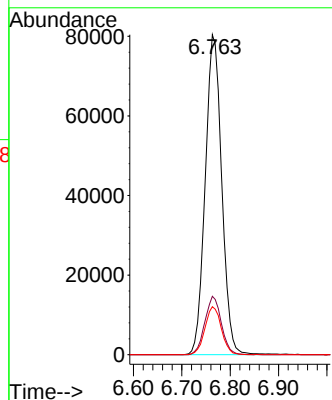
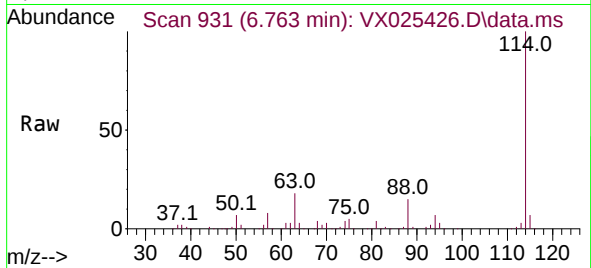




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

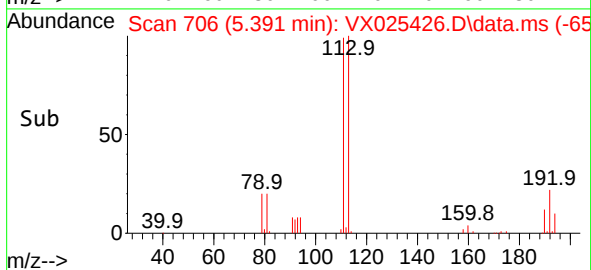
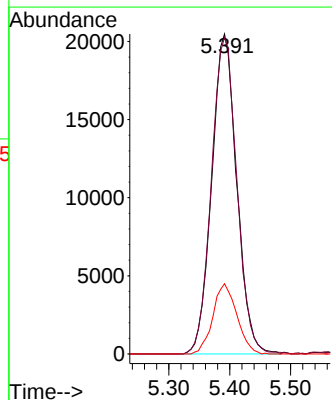
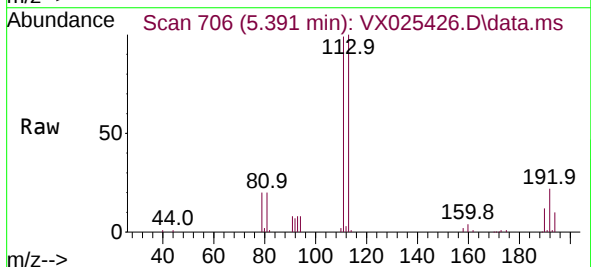
Instrument :
MSVOA_X
ClientSampleId :

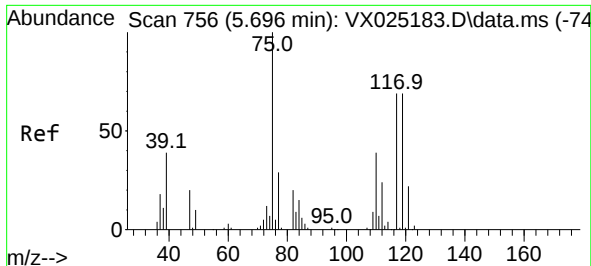
Tgt Ion:114 Resp: 190875
Ion Ratio Lower Upper
114 100
63 18.2 0.0 41.0
88 15.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.774 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

Tgt Ion:113 Resp: 58292
Ion Ratio Lower Upper
113 100
111 101.0 82.1 123.1
192 21.1 15.6 23.4

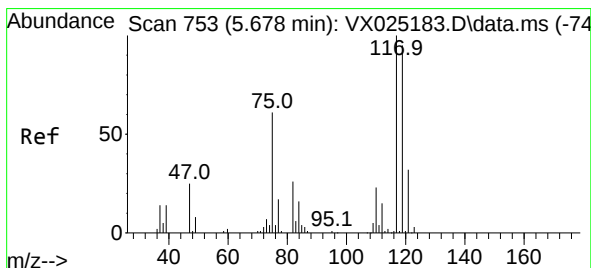
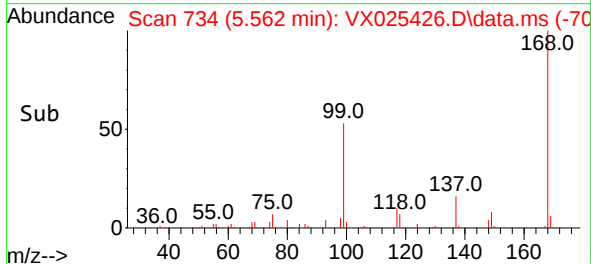
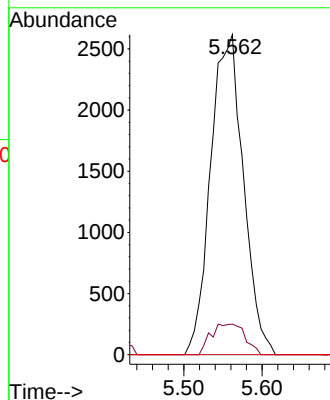
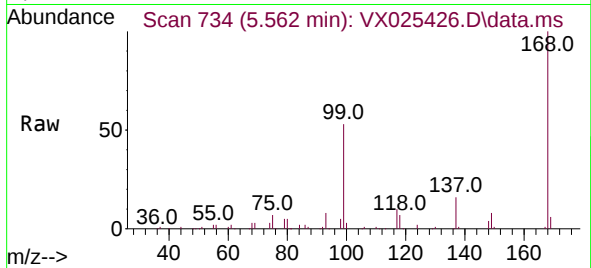




#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

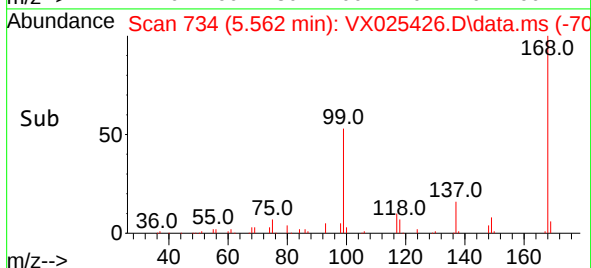
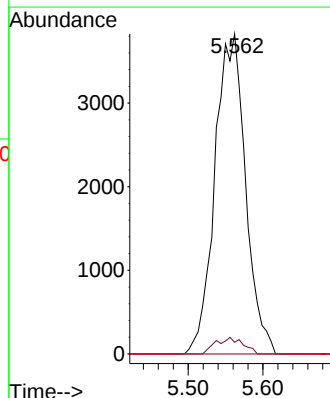
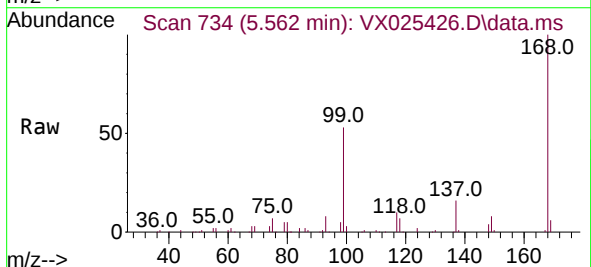
Instrument :
MSVOA_X
ClientSampleId :

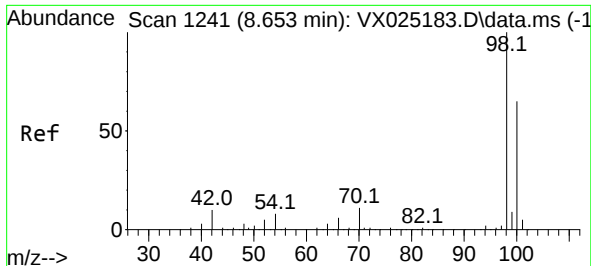
Tgt Ion: 75 Resp: 7598
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.943 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

Tgt Ion: 117 Resp: 10900
Ion Ratio Lower Upper
117 100
119 3.7 75.6 113.4#
121 0.0 23.7 35.5#

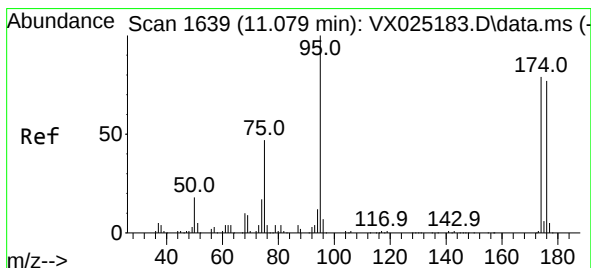
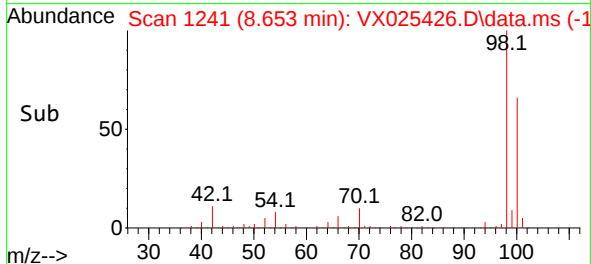
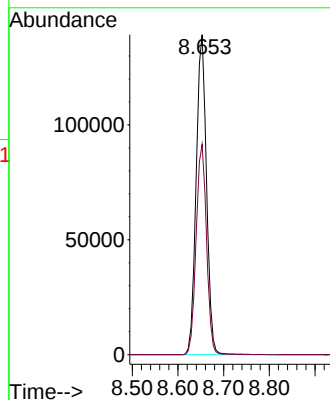
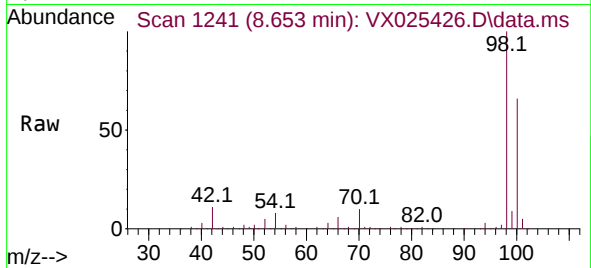




#50
Toluene-d8
Concen: 49.606 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

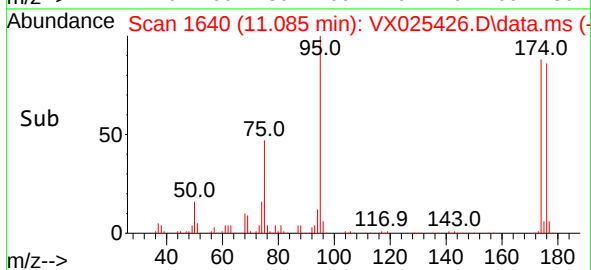
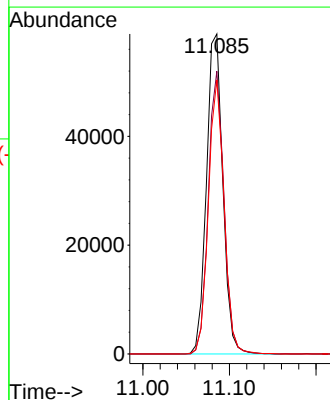
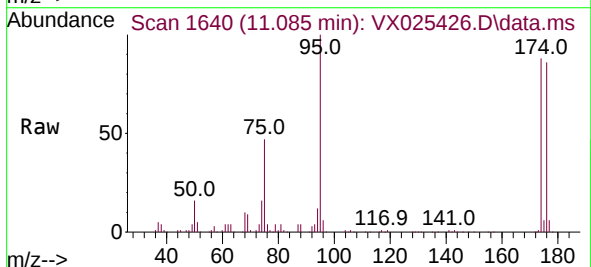
Instrument :
MSVOA_X
ClientSampleId :

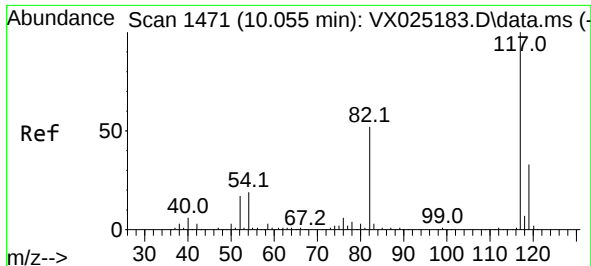
Tgt Ion: 98 Resp: 218432
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.371 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

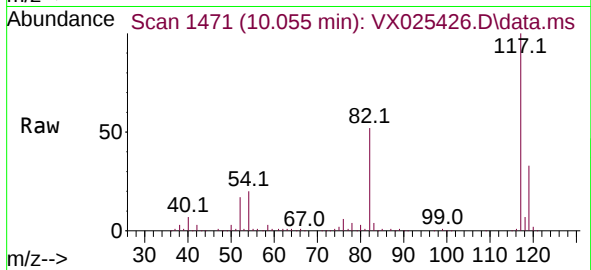
Tgt Ion: 95 Resp: 77246
Ion Ratio Lower Upper
95 100
174 84.6 0.0 158.0
176 82.2 0.0 153.6



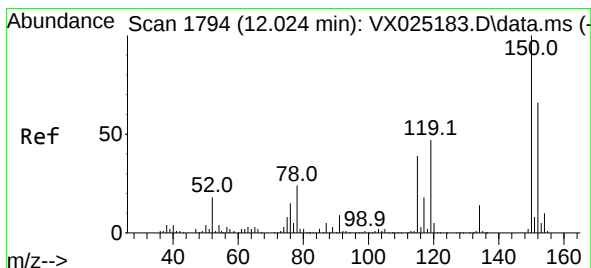
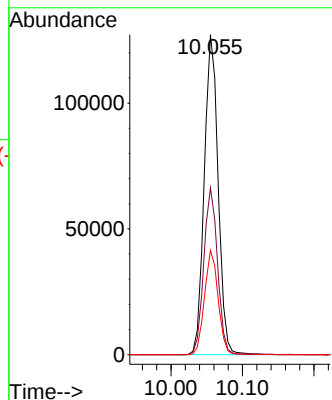
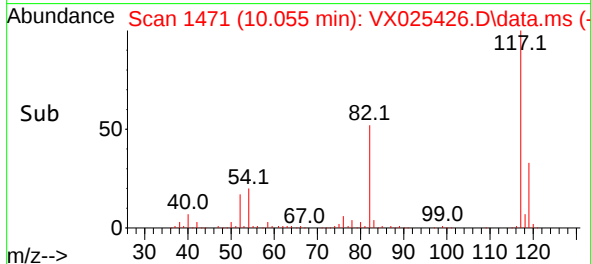


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

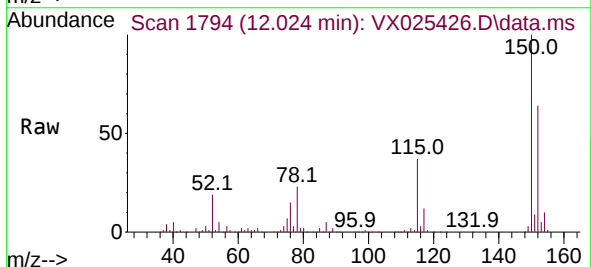
Instrument :
MSVOA_X
ClientSampleId :



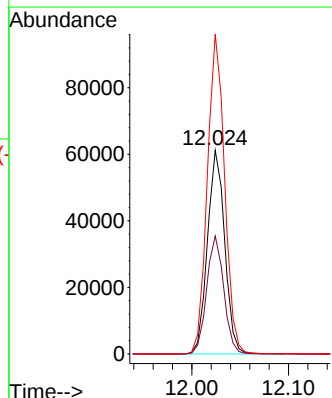
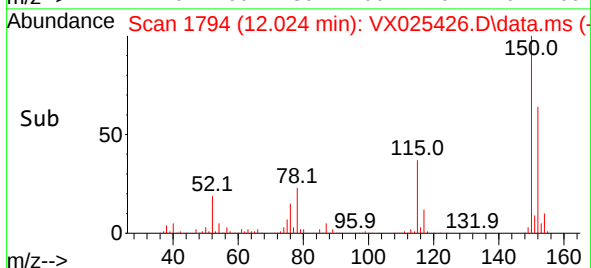
Tgt Ion:117 Resp: 171570
Ion Ratio Lower Upper
117 100
82 52.2 44.6 67.0
119 32.6 24.8 37.2

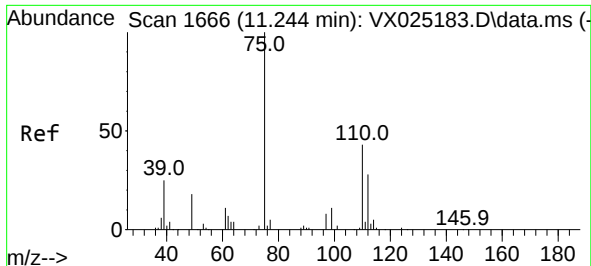


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21



Tgt Ion:152 Resp: 76081
Ion Ratio Lower Upper
152 100
115 57.4 43.3 129.8
150 157.0 0.0 351.2

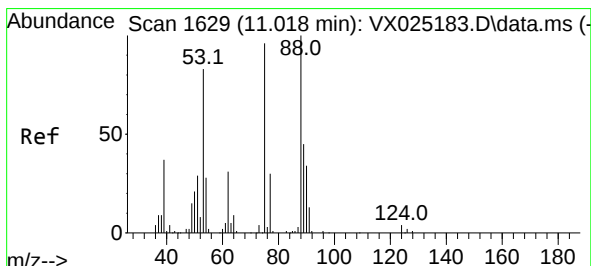
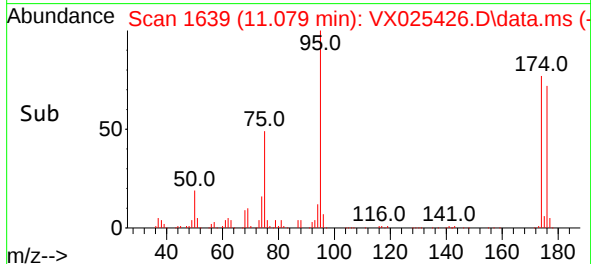
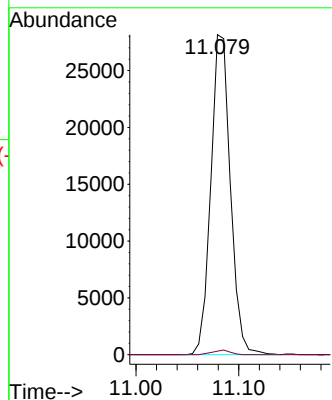
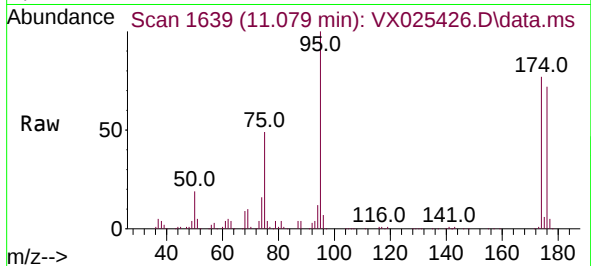




#76
1,2,3-Trichloropropane
Concen: 23.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

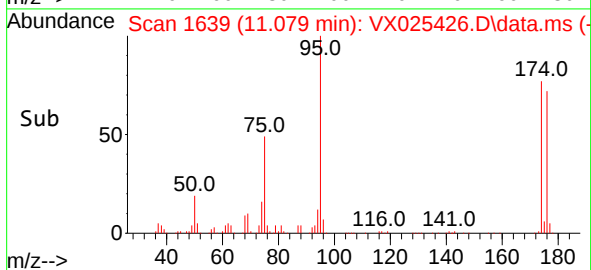
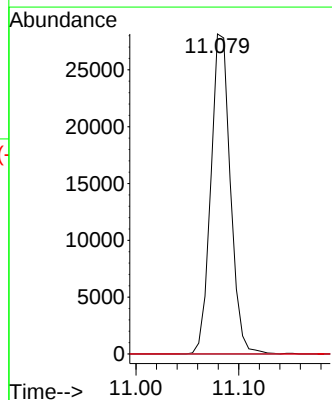
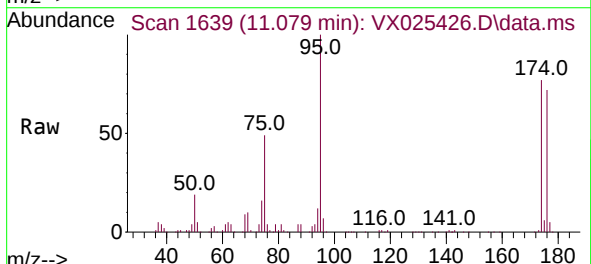
Instrument :
MSVOA_X
ClientSampleId :

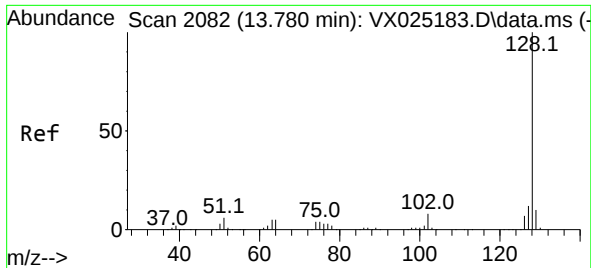
Tgt Ion: 75 Resp: 37209
Ion Ratio Lower Upper
75 100
77 1.3 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025426.D
Acq: 02 Dec 2021 14:21

Tgt Ion: 75 Resp: 37209
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: 13.786 min Scan# 20

Delta R.T. 0.006 min

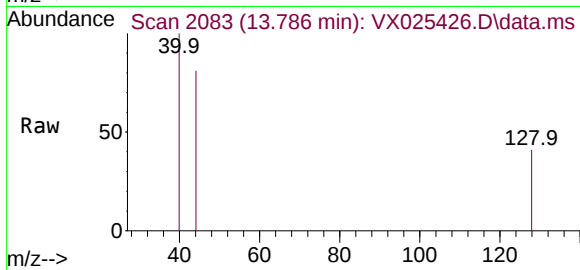
Lab File: VX025426.D

Acq: 02 Dec 2021 14:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 63

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

