

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025446.D
 Acq On : 02 Dec 2021 22:59
 Operator : JC/MD
 Sample : VX1202WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:14:13 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)

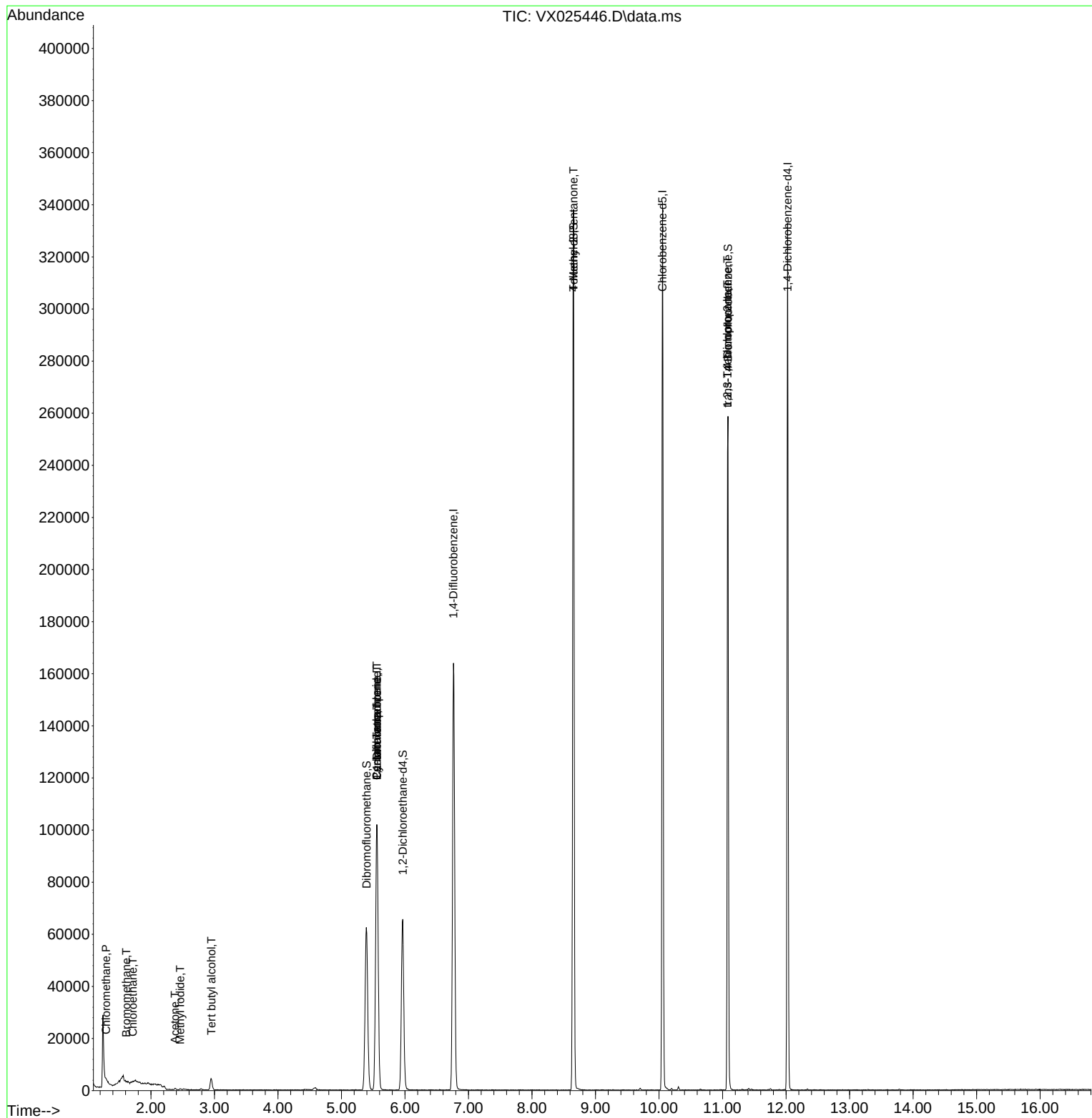
Internal Standards						
1) Pentafluorobenzene	5.556	168	104390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60669	55.137	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.280%	
35) Dibromofluoromethane	5.397	113	54150	50.030	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.060%	
50) Toluene-d8	8.653	98	202991	49.881	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	11.085	95	70635	45.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	234	0.209	ug/l #	42
5) Bromomethane	1.612	94	219	0.414	ug/l #	70
6) Chloroethane	1.715	64	336	0.396	ug/l #	54
10) Methyl Iodide	2.459	142	474	0.390	ug/l #	68
11) Tert butyl alcohol	2.953	59	2613	0.683	ug/l #	72
16) Acetone	2.380	43	590	0.965	ug/l	95
31) Cyclohexane	5.556	56	1871	1.100	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	7132	4.634	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9767	5.762	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	828	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34616	23.974	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34616	60.395	ug/l #	9
95) Naphthalene	13.780	128	304	Below Cal	#	69

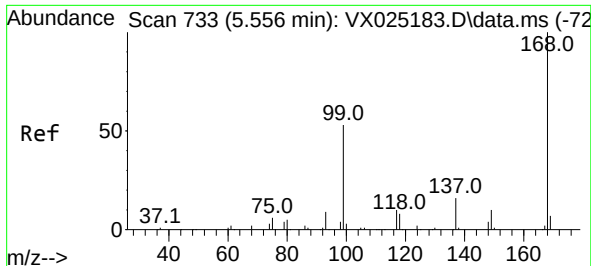
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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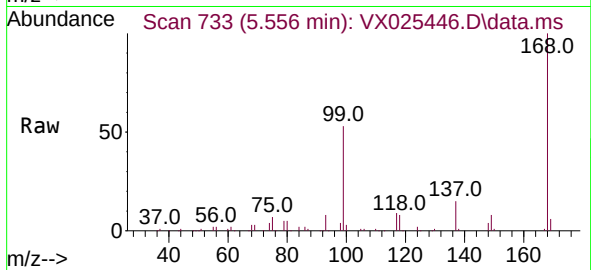
Quant Time: Dec 03 03:14:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



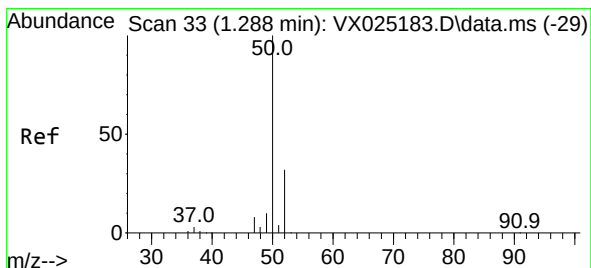
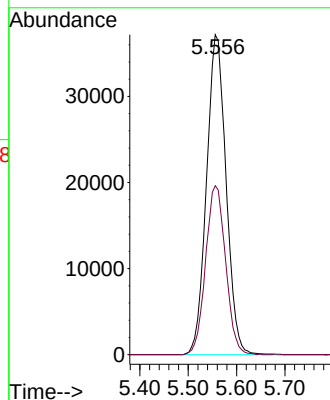
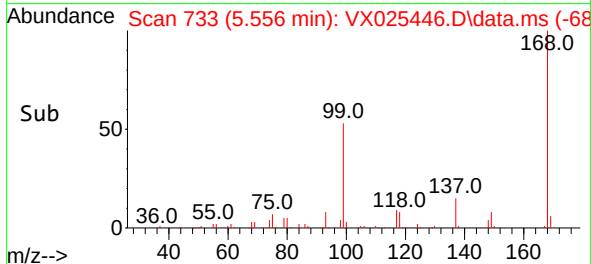


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

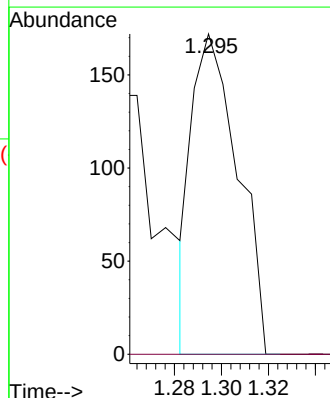
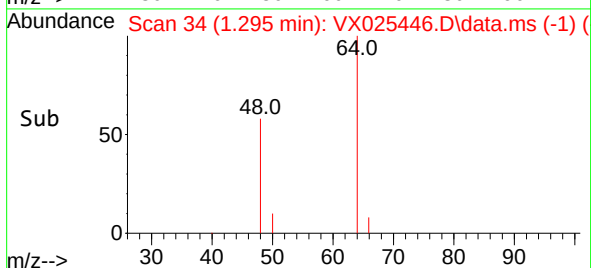
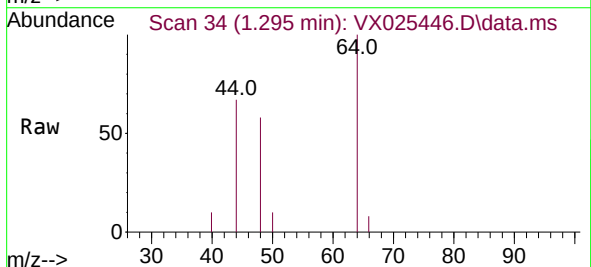


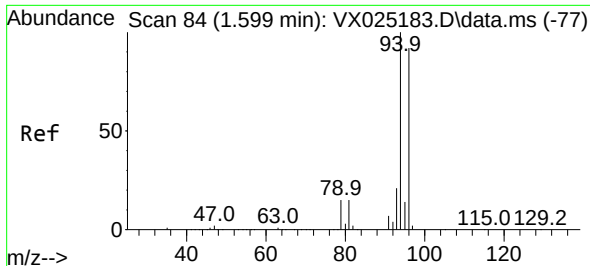
Tgt Ion:168 Resp: 104390
Ion Ratio Lower Upper
168 100
99 52.8 46.4 69.6



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

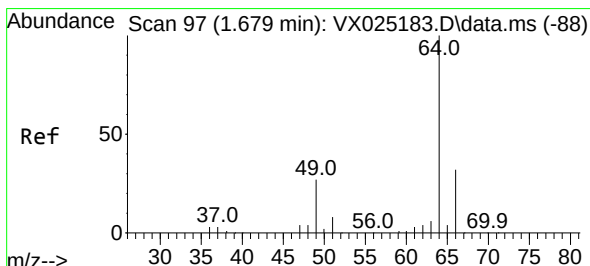
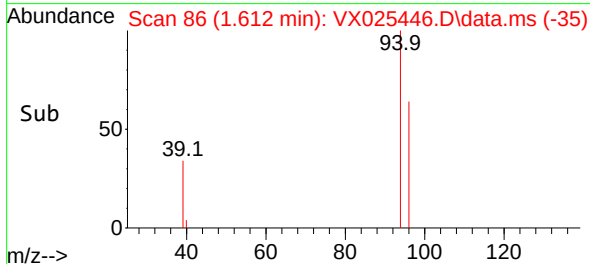
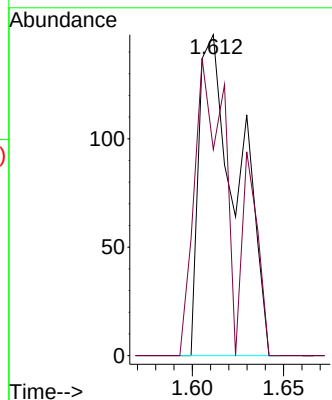
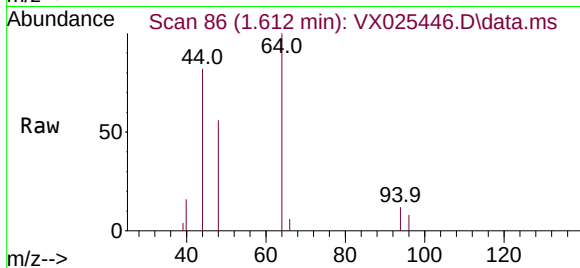




#5
Bromomethane
Concen: 0.414 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

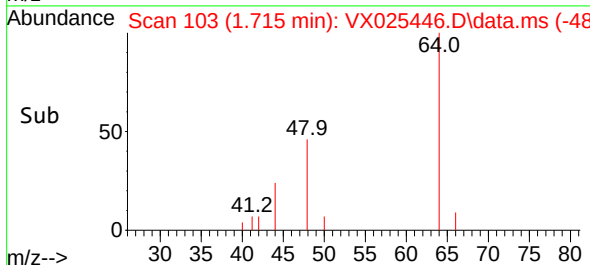
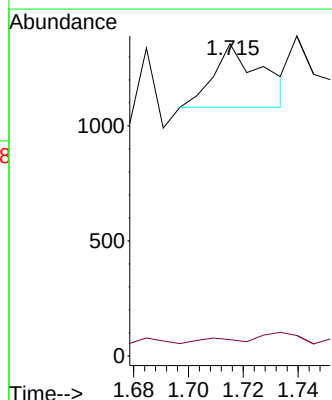
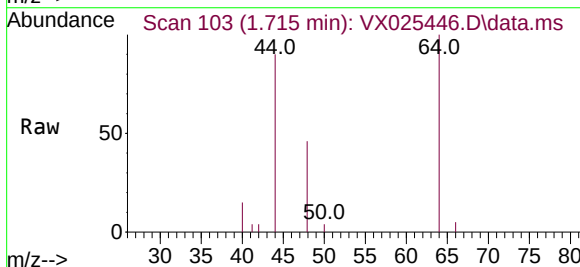
Instrument :
MSVOA_X
ClientSampleId :

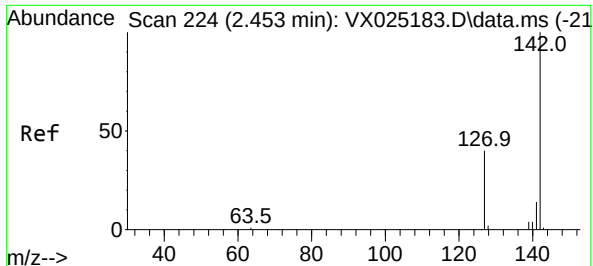
Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 64.2 74.8 112.2#



#6
Chloroethane
Concen: 0.396 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.036 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

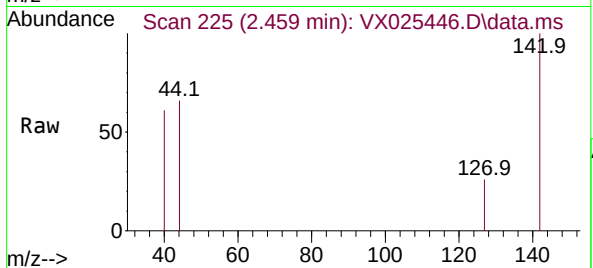
Tgt Ion: 64 Resp: 336
Ion Ratio Lower Upper
64 100
66 6.5 25.6 38.4#



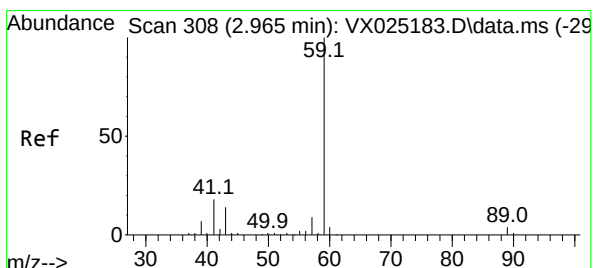
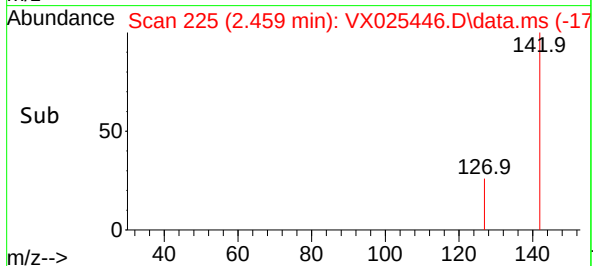
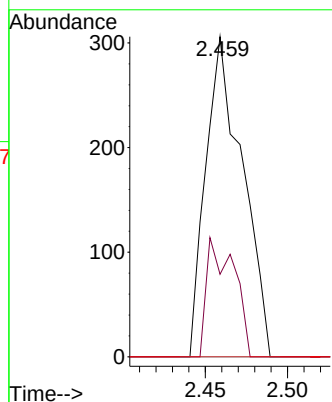


#10
Methyl Iodide
Concen: 0.390 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

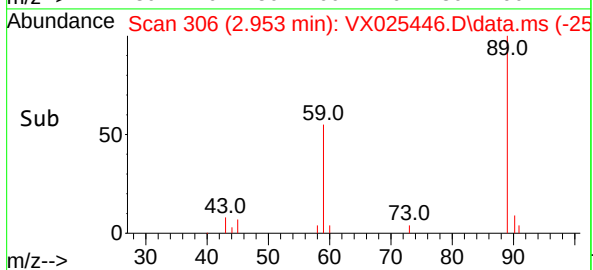
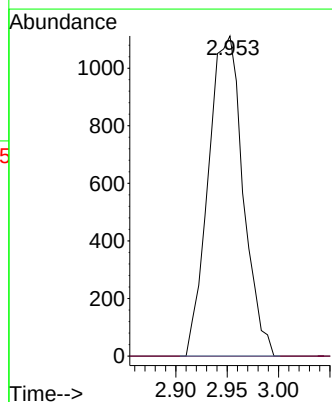
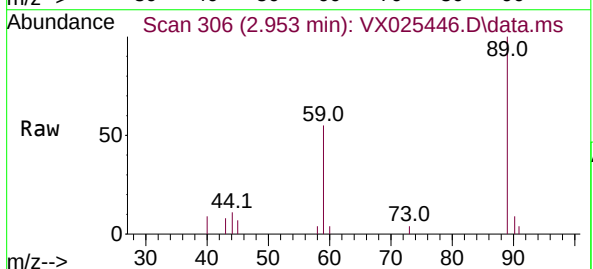


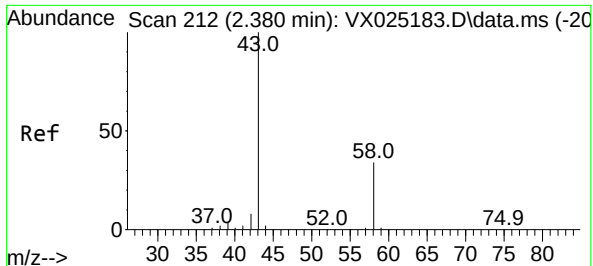
Tgt Ion:142 Resp: 474
Ion Ratio Lower Upper
142 100
127 27.8 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 0.683 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

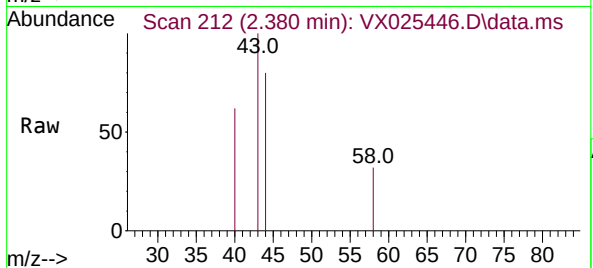
Tgt Ion: 59 Resp: 2613
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



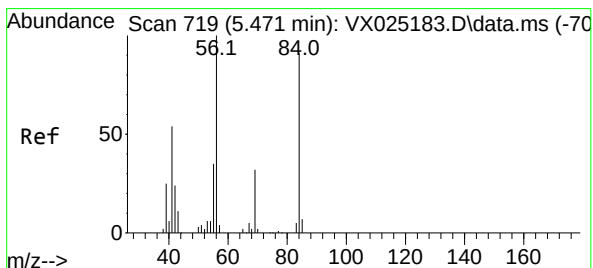
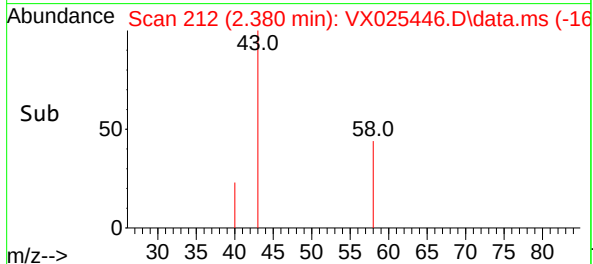
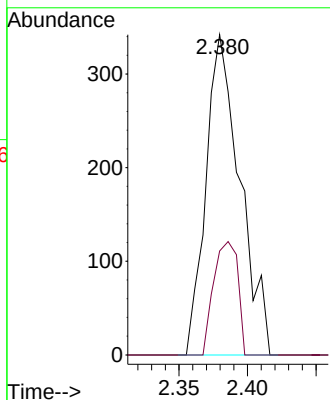


#16
Acetone
Concen: 0.965 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

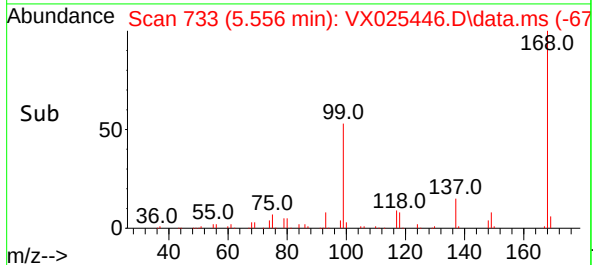
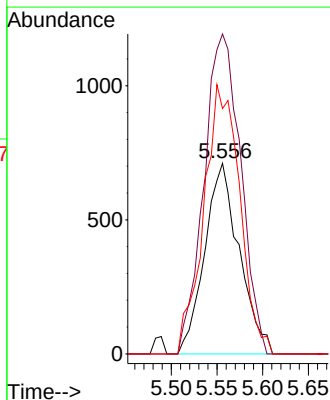
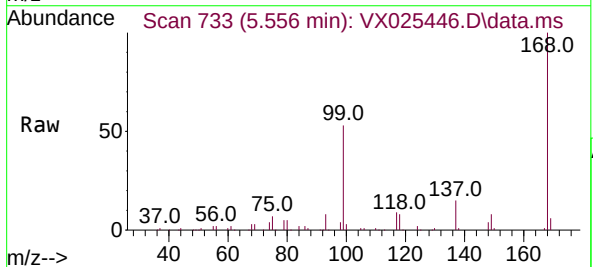


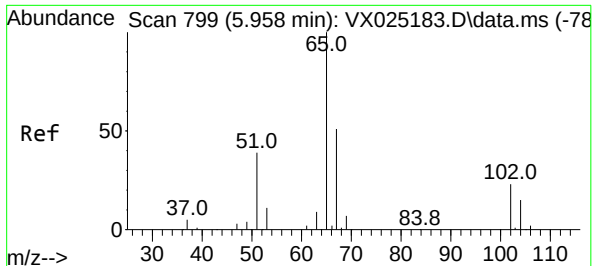
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
58 32.5 24.0 36.0



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Tgt Ion: 56 Resp: 1871
Ion Ratio Lower Upper
56 100
69 167.8 24.2 36.2#
84 128.7 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 55.137 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025446.D

Acq: 02 Dec 2021 22:59

Instrument :

MSVOA_X

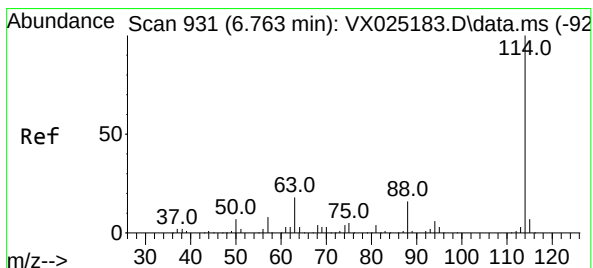
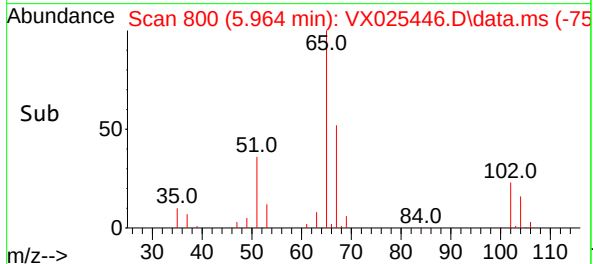
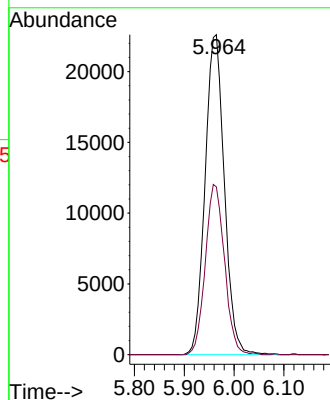
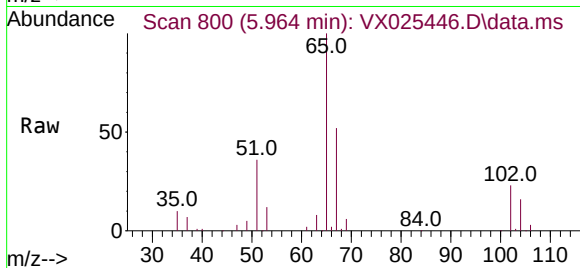
ClientSampleId :

Tgt Ion: 65 Resp: 60669

Ion Ratio Lower Upper

65 100

67 53.0 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: VX025446.D

Acq: 02 Dec 2021 22:59

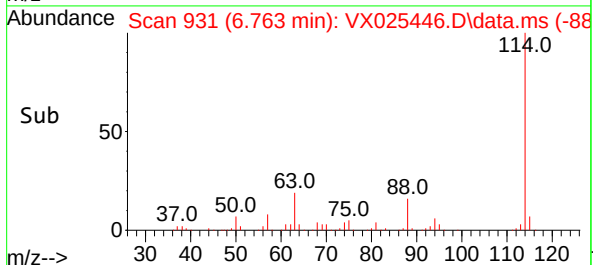
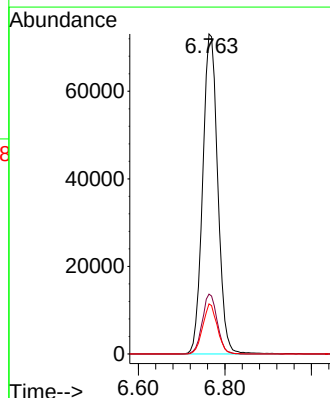
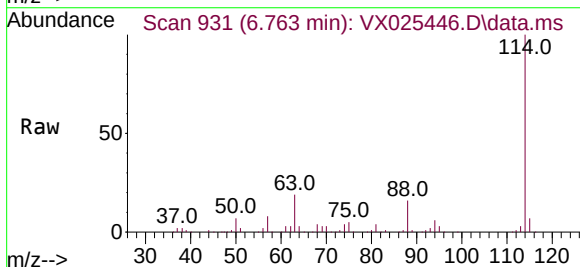
Tgt Ion: 114 Resp: 176402

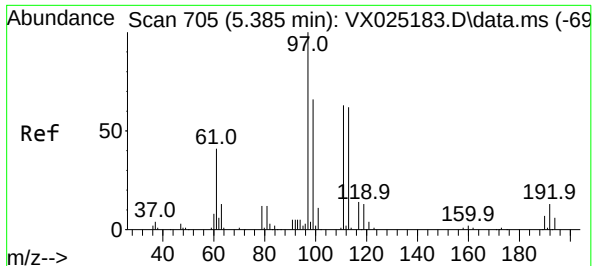
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.0

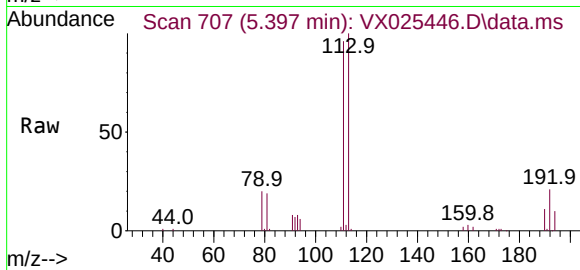
88 15.7 0.0 34.8



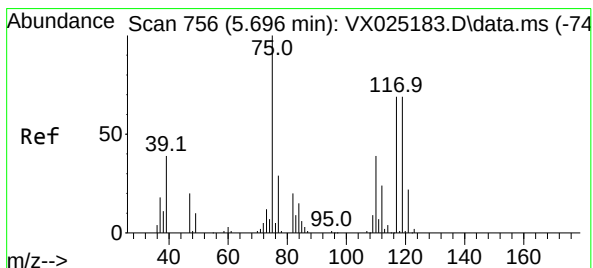
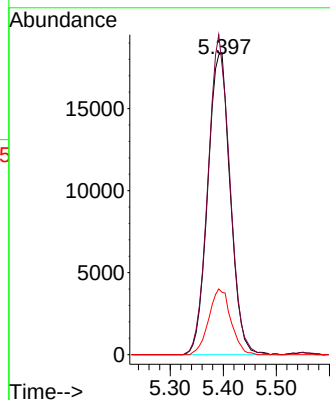
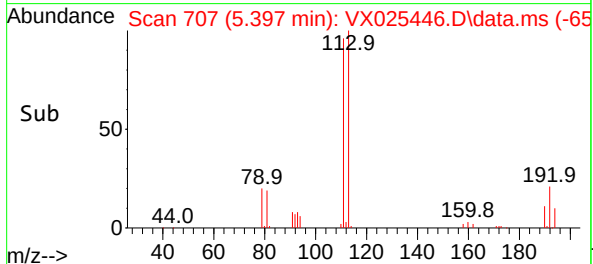


#35
Dibromofluoromethane
Concen: 50.030 ug/l
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

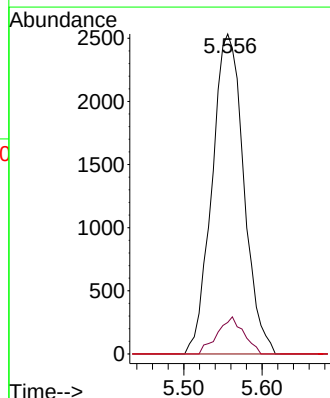
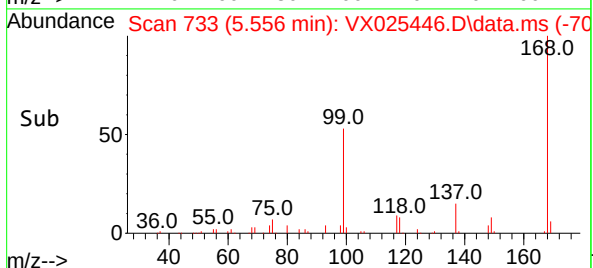
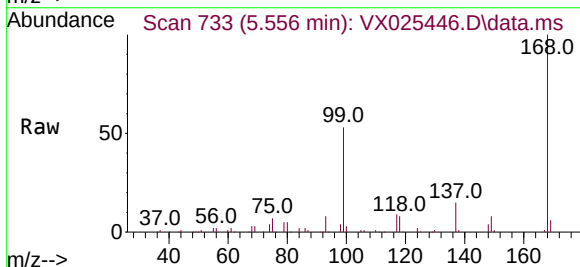


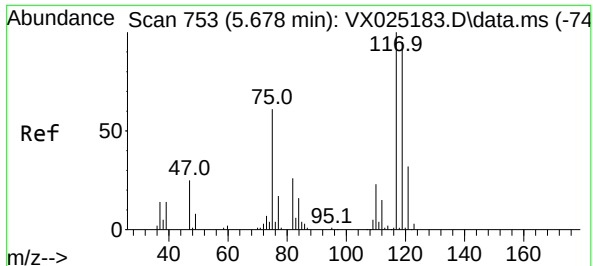
Tgt Ion:113 Resp: 54150
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 21.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.634 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

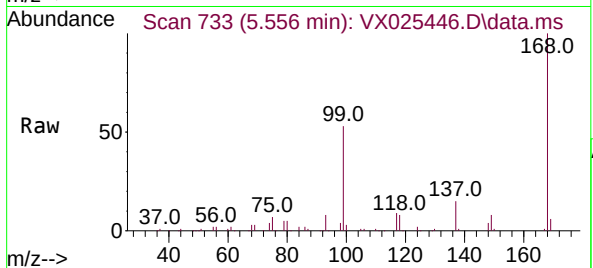
Tgt Ion: 75 Resp: 7132
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.3#
77 0.0 24.4 36.6#



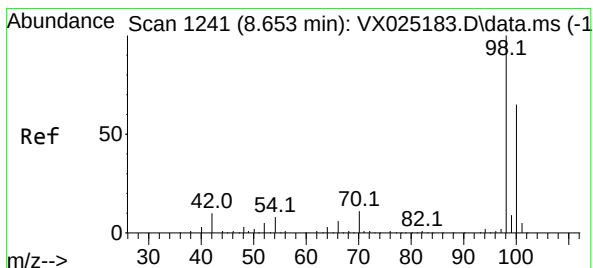
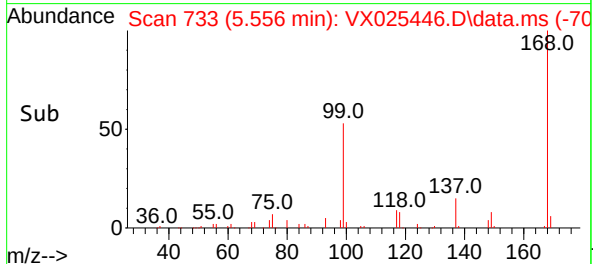
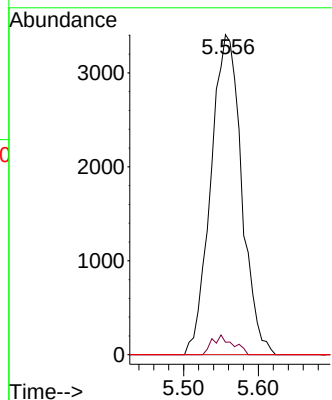


#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

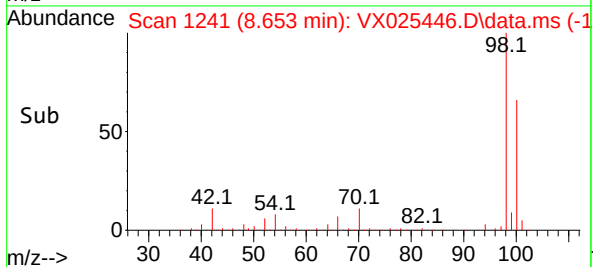
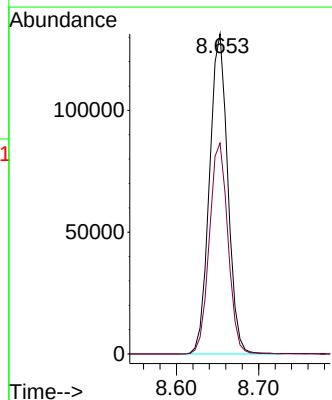
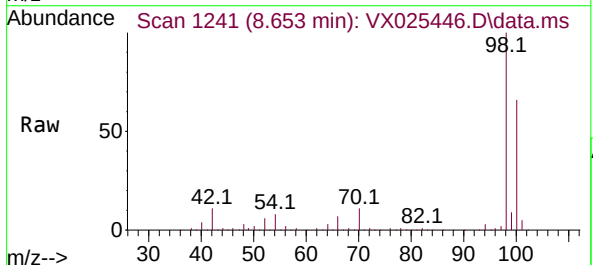


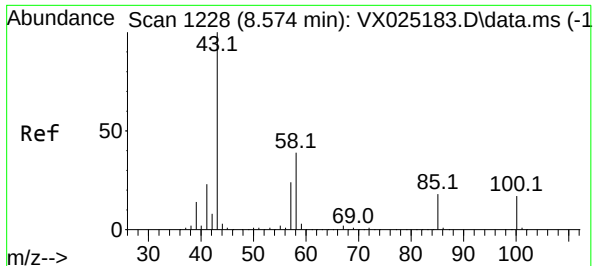
Tgt Ion:117 Resp: 9767
Ion Ratio Lower Upper
117 100
119 3.9 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.881 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Tgt Ion: 98 Resp: 202991
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0

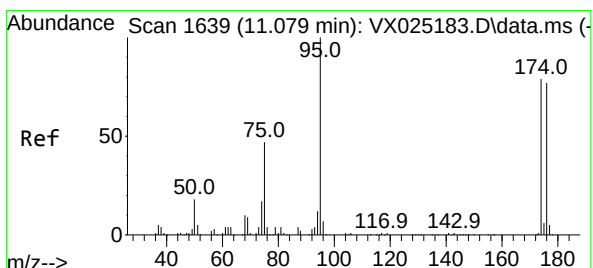
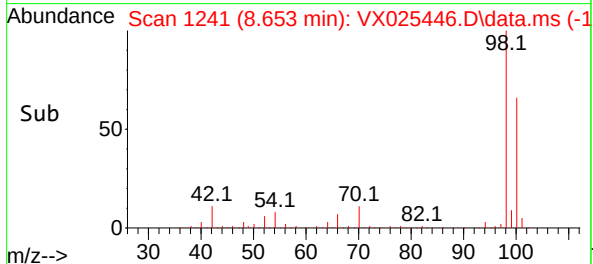
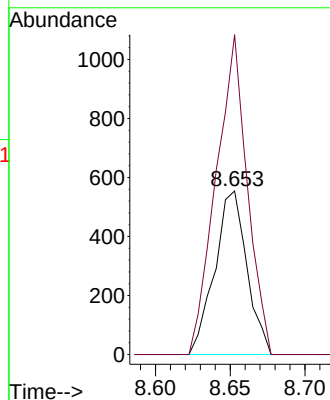
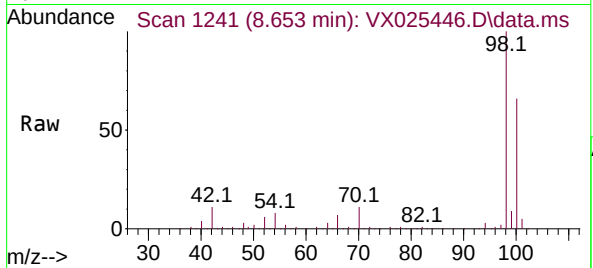




#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

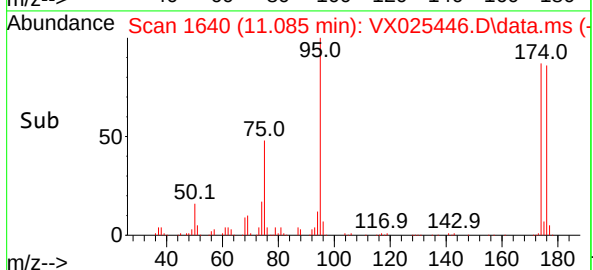
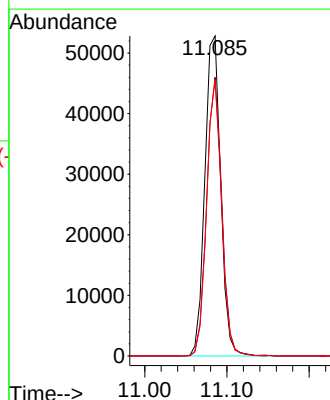
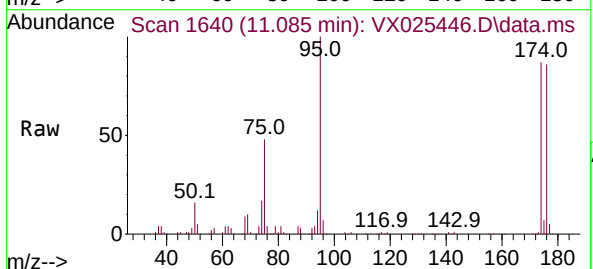
Instrument :
MSVOA_X
ClientSampleId :

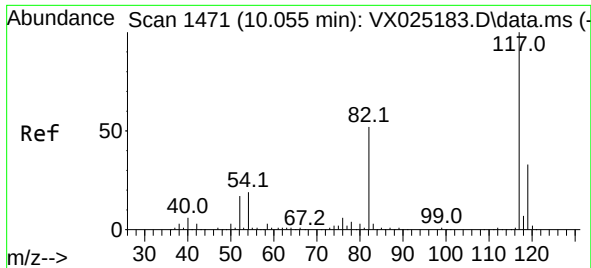
Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
58 189.5 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 45.881 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Tgt Ion: 95 Resp: 70635
Ion Ratio Lower Upper
95 100
174 83.6 0.0 158.0
176 81.9 0.0 153.6

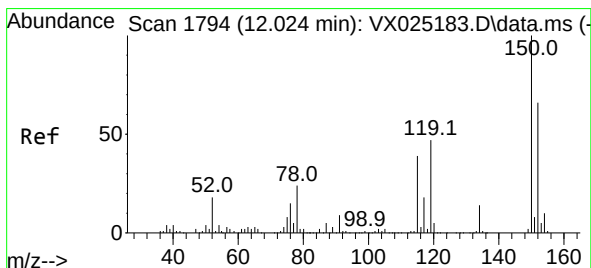
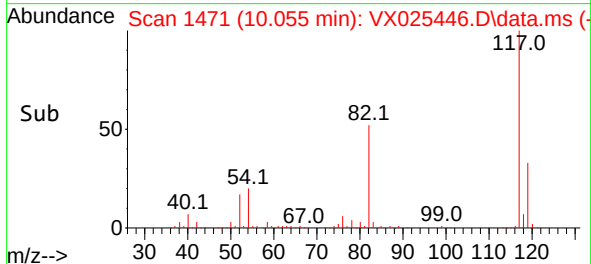
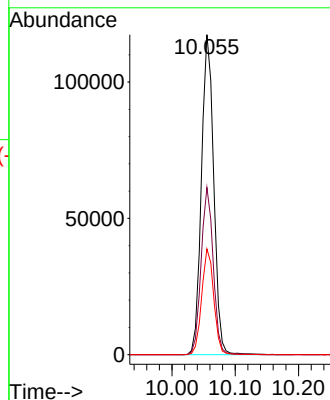
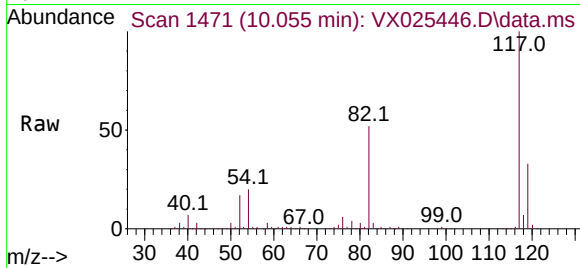




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

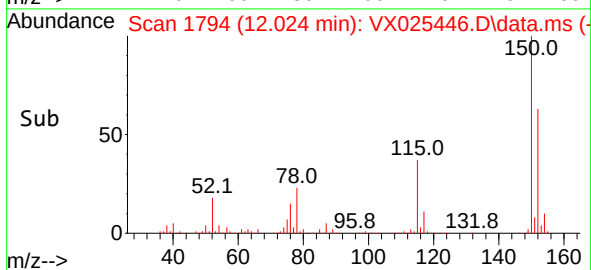
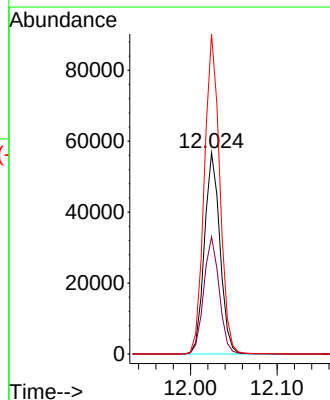
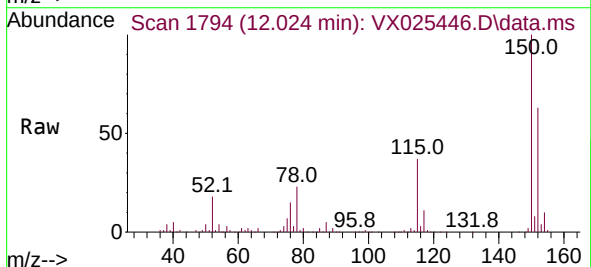
Instrument :
MSVOA_X
ClientSampleId :

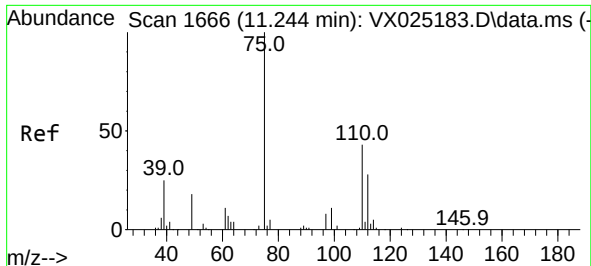
Tgt Ion:117 Resp: 159053
Ion Ratio Lower Upper
117 100
82 52.2 44.6 67.0
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Tgt Ion:152 Resp: 70509
Ion Ratio Lower Upper
152 100
115 57.8 43.3 129.8
150 158.2 0.0 351.2

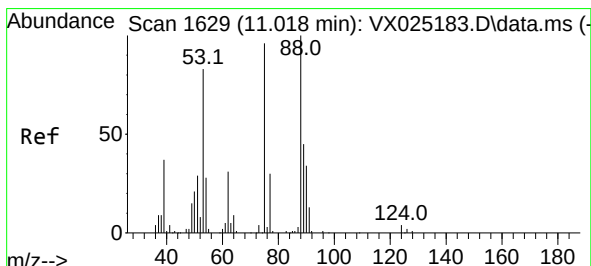
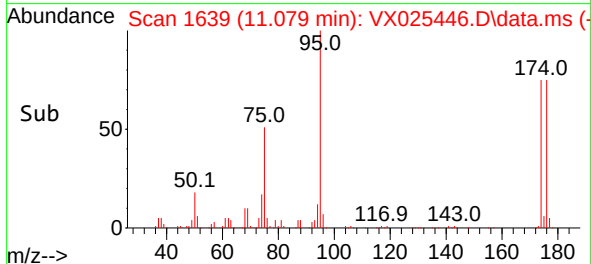
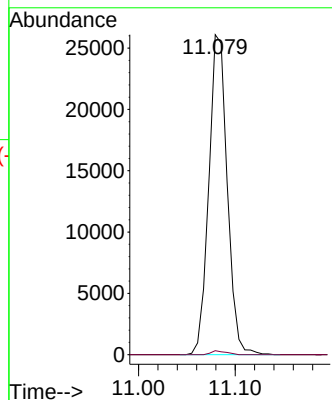
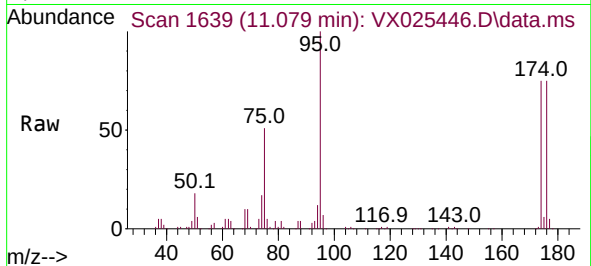




#76
1,2,3-Trichloropropane
Concen: 23.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

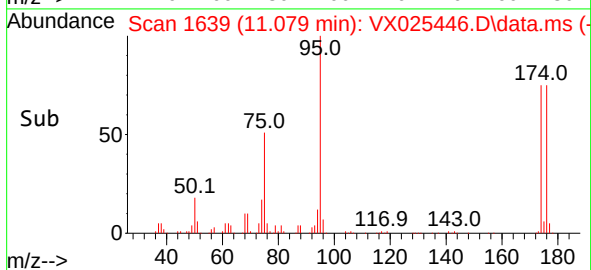
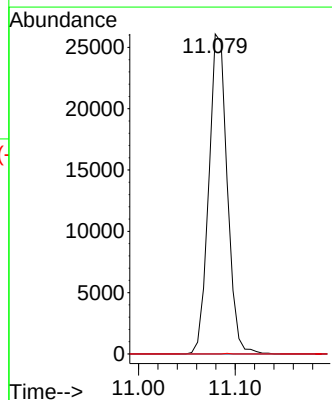
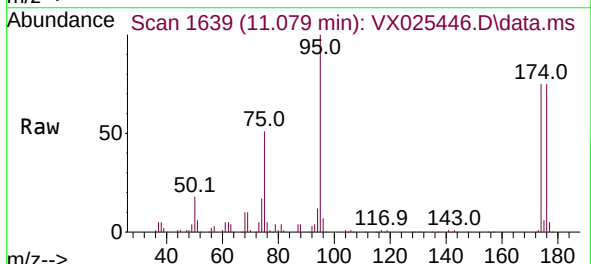
Instrument :
MSVOA_X
ClientSampleId :

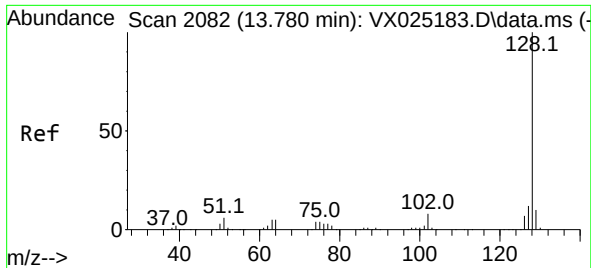
Tgt Ion: 75 Resp: 34616
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025446.D
Acq: 02 Dec 2021 22:59

Tgt Ion: 75 Resp: 34616
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.1 38.2 57.2#





#95

Naphthalene

Concen: Below Cal

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

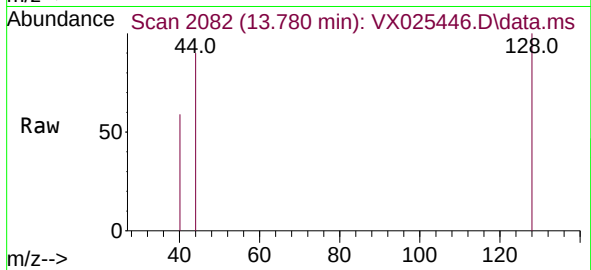
Lab File: VX025446.D

Acq: 02 Dec 2021 22:59

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 304

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

