

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025507.D
 Acq On : 04 Dec 2021 01:40
 Operator : JC/MD
 Sample : M4923-12DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 11:08:38 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)

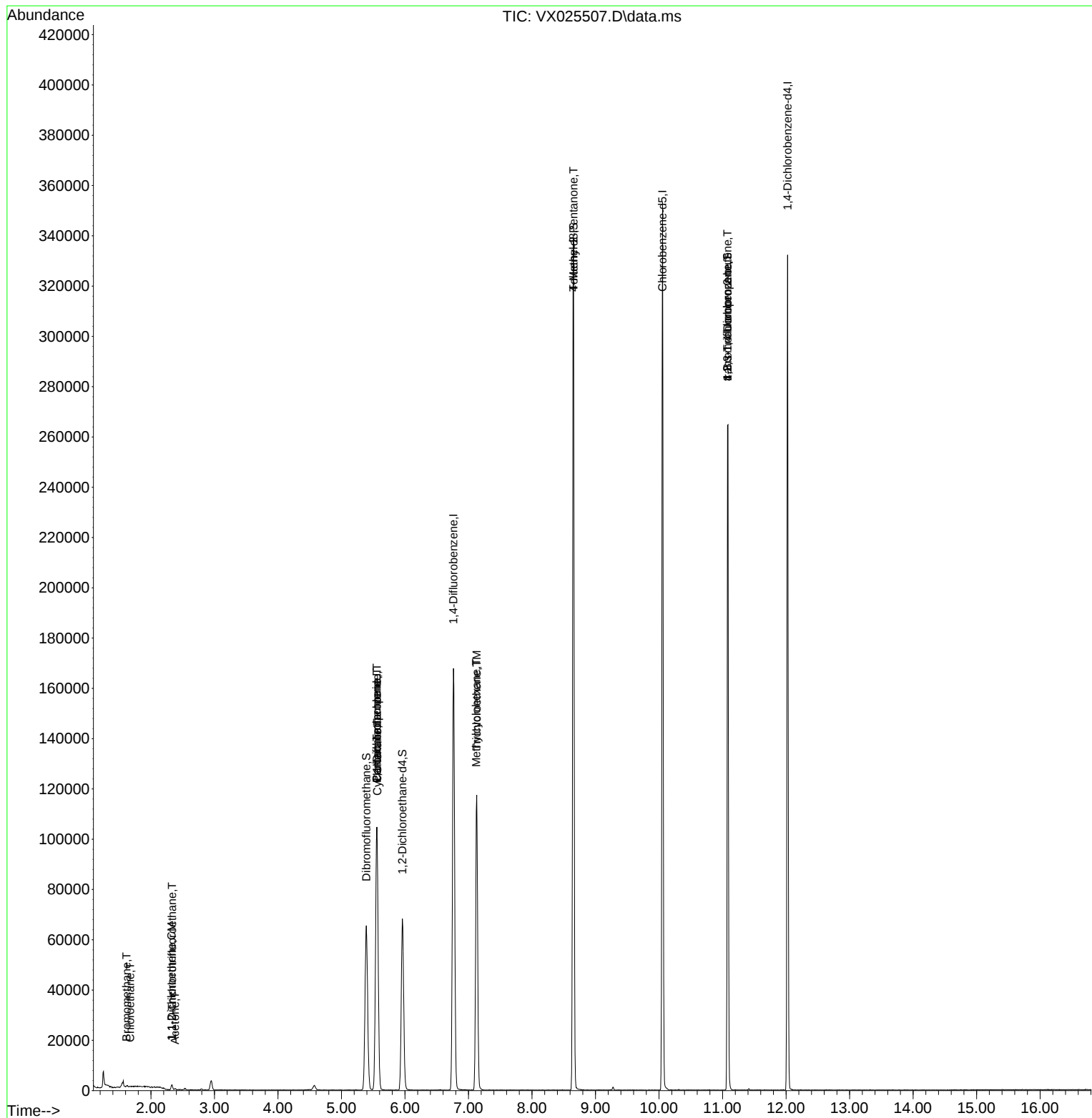
Internal Standards						
1) Pentafluorobenzene	5.556	168	105952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63569	56.920	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.840%	
35) Dibromofluoromethane	5.391	113	56818	50.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.900%	
50) Toluene-d8	8.653	98	208321	49.680	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	11.079	95	72535	45.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.440%	
Target Compounds						Qvalue
5) Bromomethane	1.617	94	117	0.218	ug/l #	77
6) Chloroethane	1.672	64	180	0.209	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	672	0.682	ug/l	89
11) Tert butyl alcohol	2.946	59	2223	Below Cal	#	72
12) 1,1-Dichloroethene	2.325	96	309	0.315	ug/l #	81
16) Acetone	2.380	43	493	0.794	ug/l	98
31) Cyclohexane	5.562	56	2119	1.228	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	7717	4.866	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10457	5.987	ug/l #	18
39) Methylcyclohexane	7.123	83	517	0.254	ug/l #	1
44) Trichloroethene	7.129	130	48032	34.418	ug/l	89
51) 4-Methyl-2-Pentanone	8.653	43	810	0.430	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35247	24.087	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35247	60.680	ug/l #	9

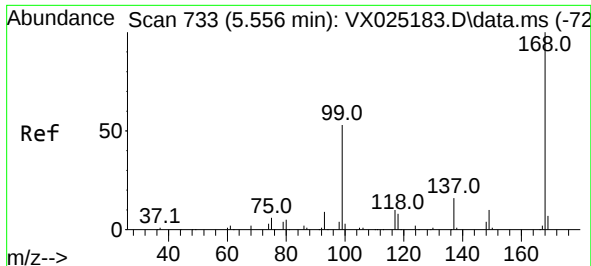
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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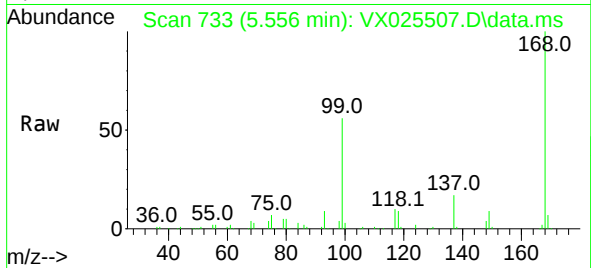


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

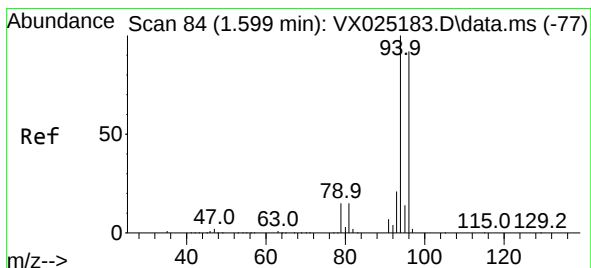
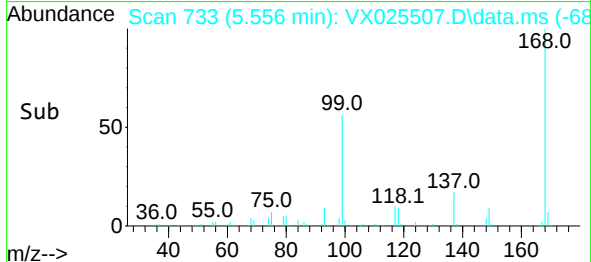
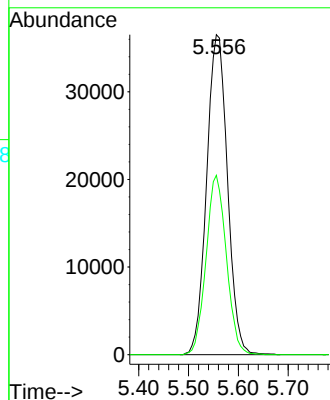
Instrument :

MSVOA_X

ClientSampleId :

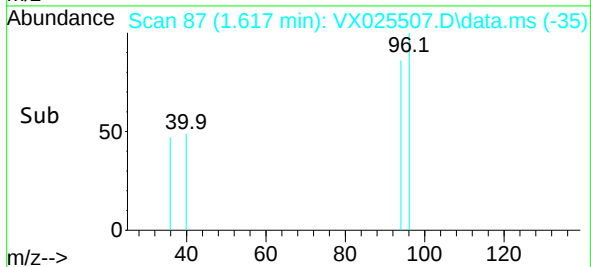
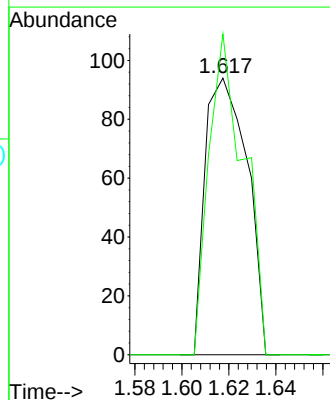
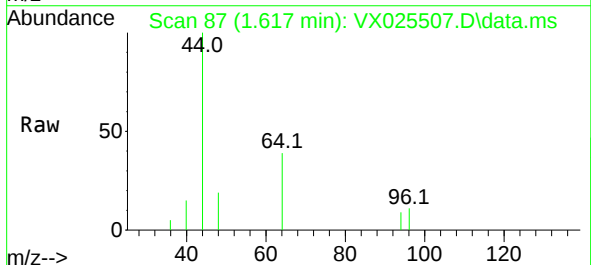


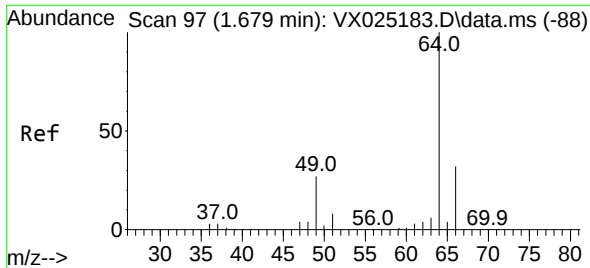
Tgt Ion:168 Resp: 105952
Ion Ratio Lower Upper
168 100
99 56.0 46.4 69.6



#5
Bromomethane
Concen: 0.218 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

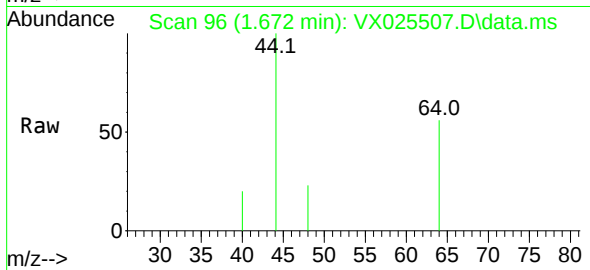
Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 116.0 74.8 112.2#



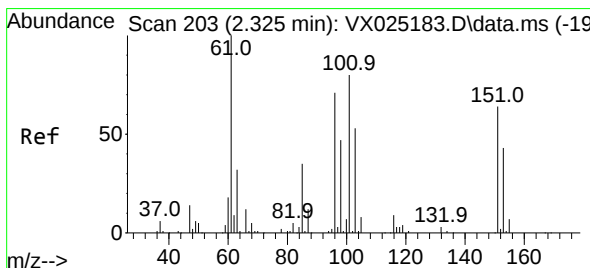
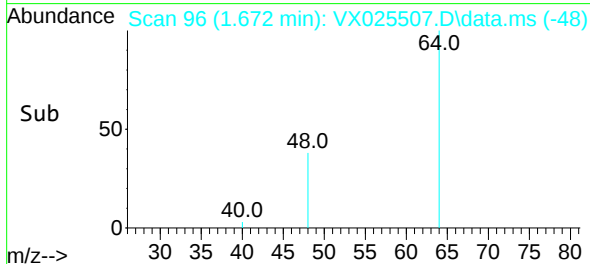
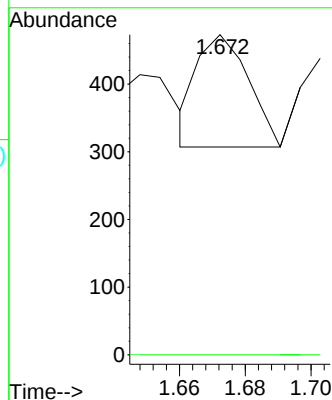


#6
Chloroethane
Concen: 0.209 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.007 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

Instrument :
MSVOA_X
ClientSampleId :

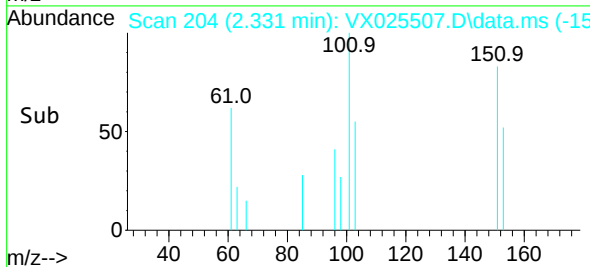
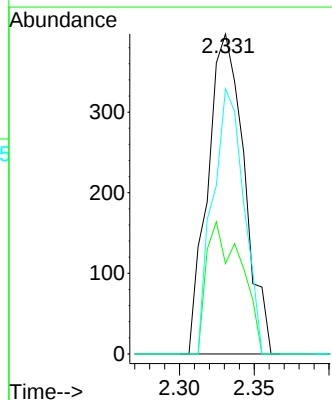
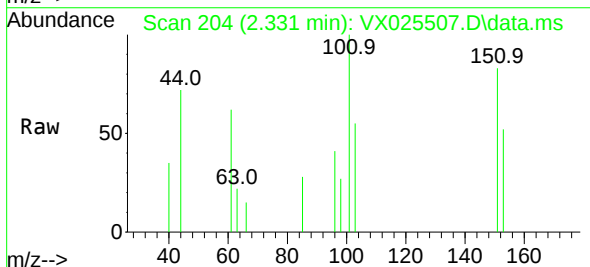


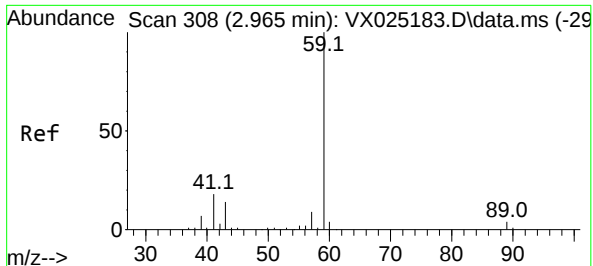
Tgt Ion: 64 Resp: 180
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.682 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

Tgt Ion: 101 Resp: 672
Ion Ratio Lower Upper
101 100
85 39.0 35.9 53.9
151 70.4 64.4 96.6





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 308

Delta R.T. -0.019 min

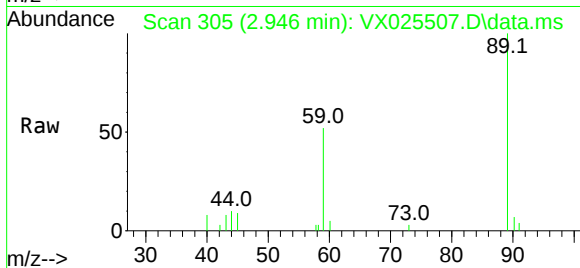
Lab File: VX025507.D

Acq: 04 Dec 2021 01:40

Instrument :

MSVOA_X

ClientSampleId :

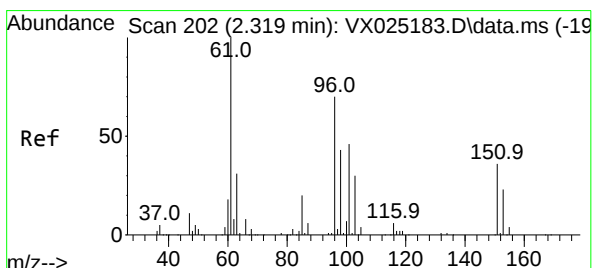
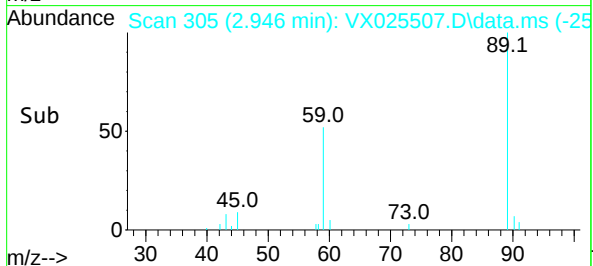
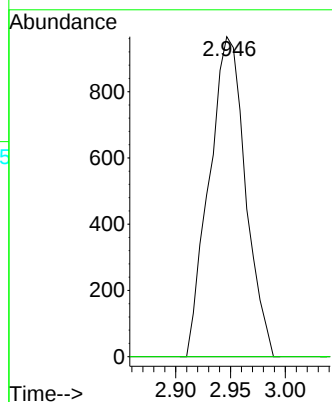


Tgt Ion: 59 Resp: 2223

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#12

1,1-Dichloroethene

Concen: 0.315 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX025507.D

Acq: 04 Dec 2021 01:40

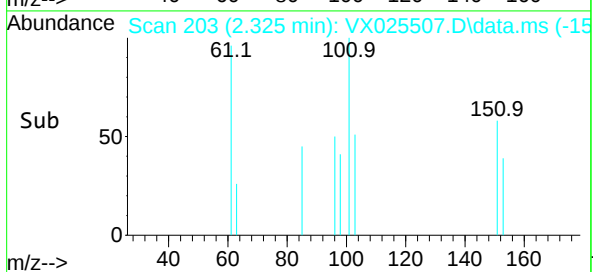
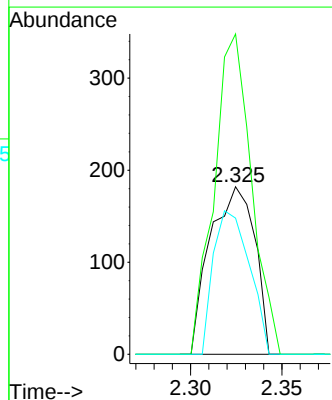
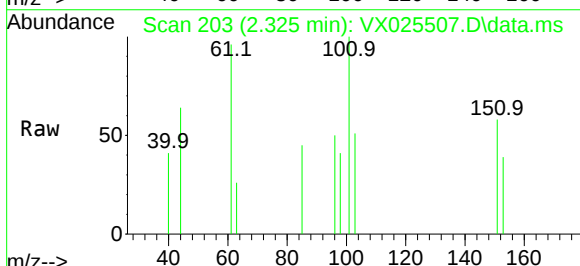
Tgt Ion: 96 Resp: 309

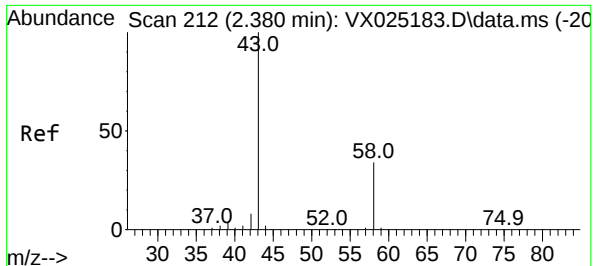
Ion Ratio Lower Upper

96 100

61 191.2 134.1 201.1

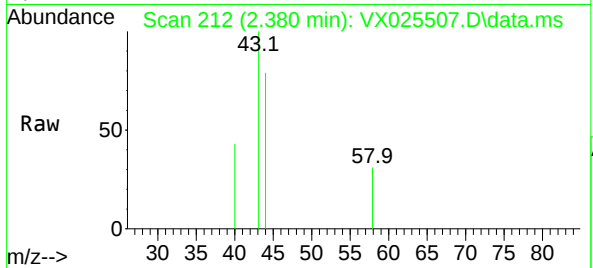
98 81.3 51.5 77.3#



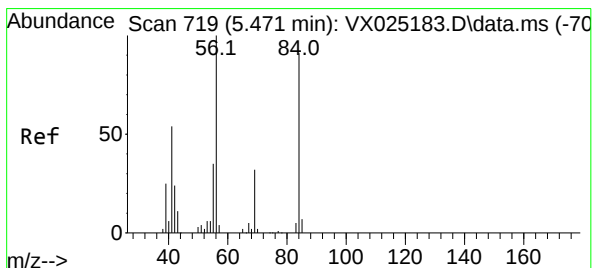
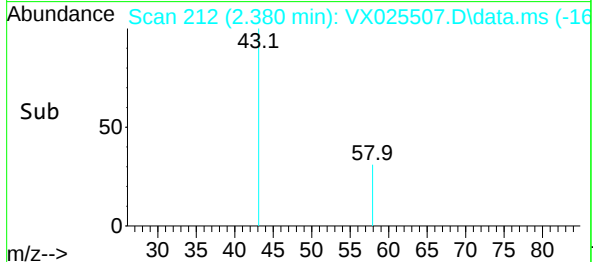
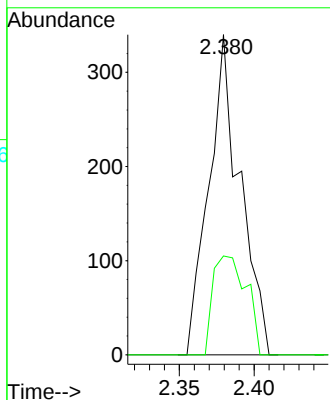


#16
Acetone
Concen: 0.794 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

Instrument :
MSVOA_X
ClientSampleId :

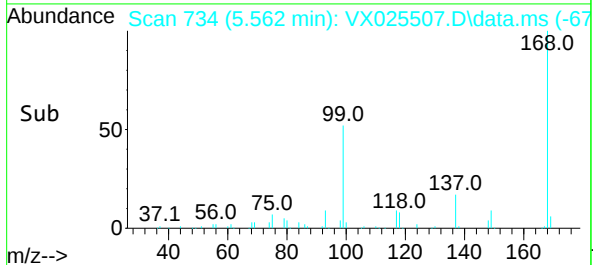
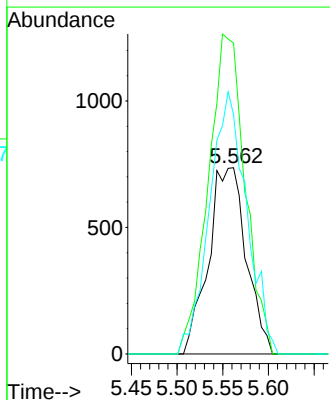
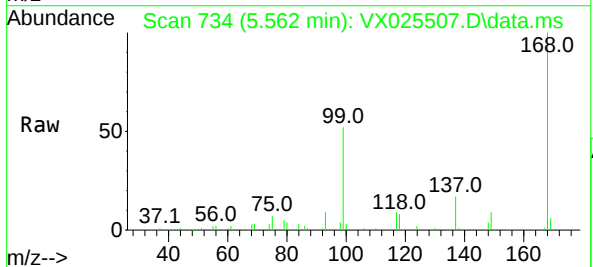


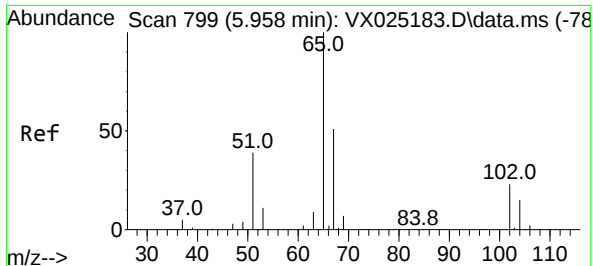
Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
58 30.9 24.0 36.0



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

Tgt Ion: 56 Resp: 2119
Ion Ratio Lower Upper
56 100
69 167.0 24.2 36.2#
84 128.7 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 56.920 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025507.D

Acq: 04 Dec 2021 01:40

Instrument :

MSVOA_X

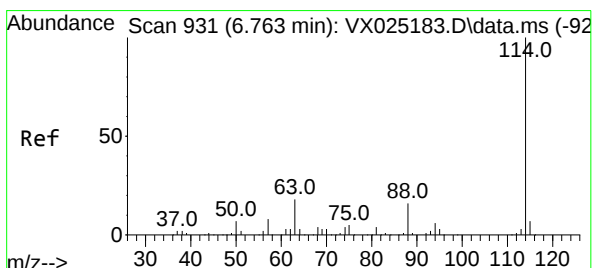
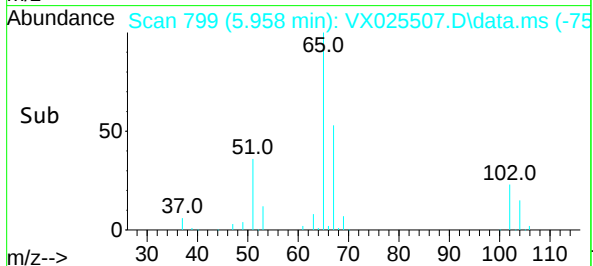
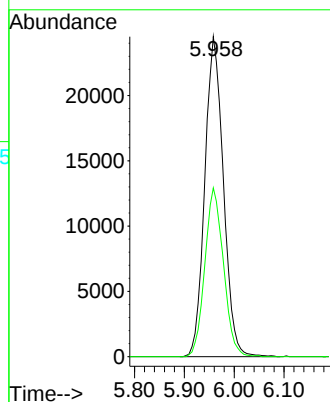
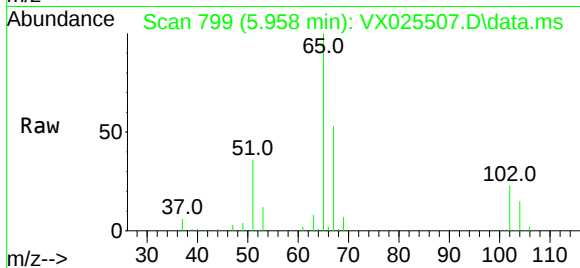
ClientSampleId :

Tgt Ion: 65 Resp: 63569

Ion Ratio Lower Upper

65 100

67 52.7 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: VX025507.D

Acq: 04 Dec 2021 01:40

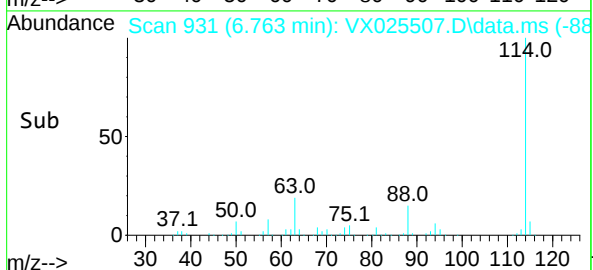
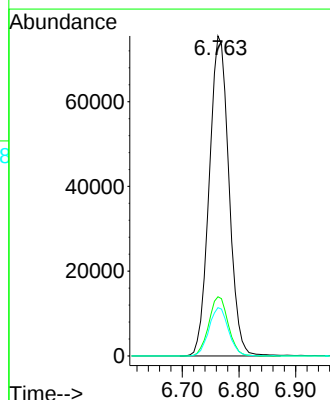
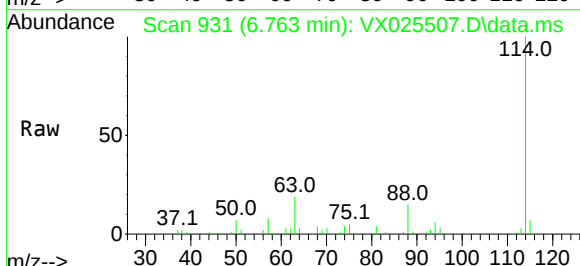
Tgt Ion: 114 Resp: 181768

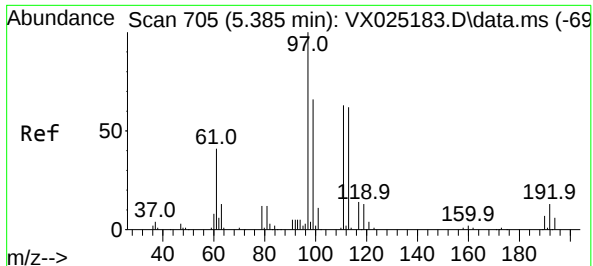
Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.0

88 15.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.946 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

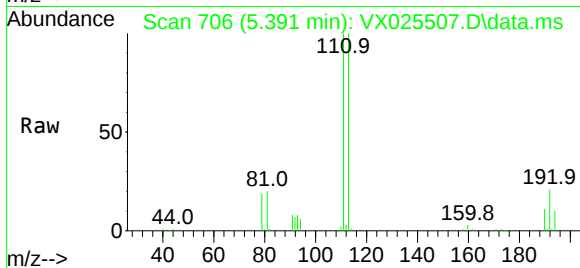
Lab File: VX025507.D

Acq: 04 Dec 2021 01:40

Instrument :

MSVOA_X

ClientSampleId :



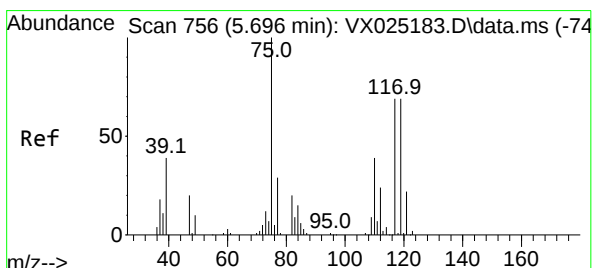
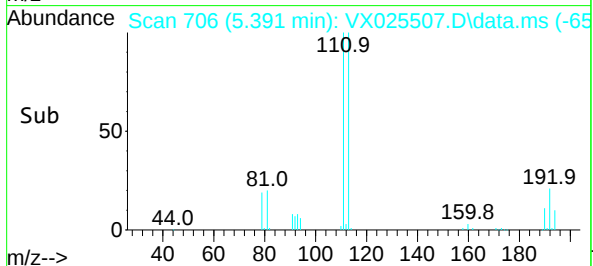
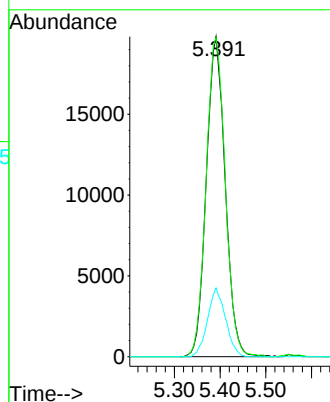
Tgt Ion:113 Resp: 56818

Ion Ratio Lower Upper

113 100

111 101.4 82.1 123.1

192 20.5 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.866 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025507.D

Acq: 04 Dec 2021 01:40

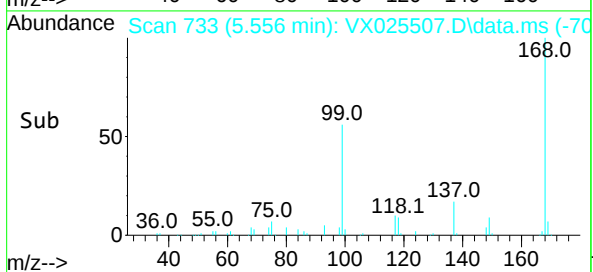
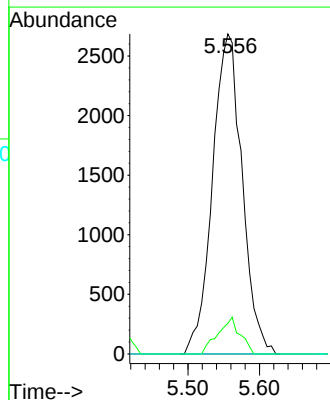
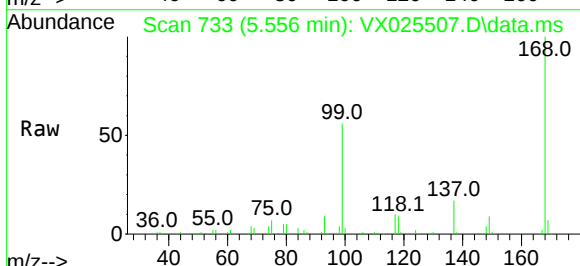
Tgt Ion: 75 Resp: 7717

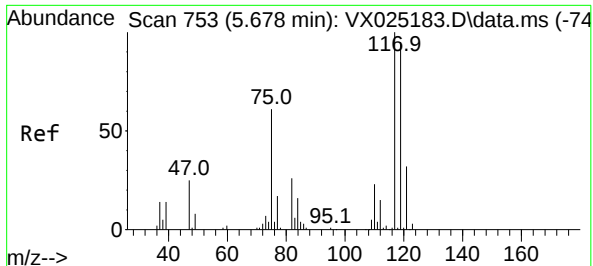
Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.3#

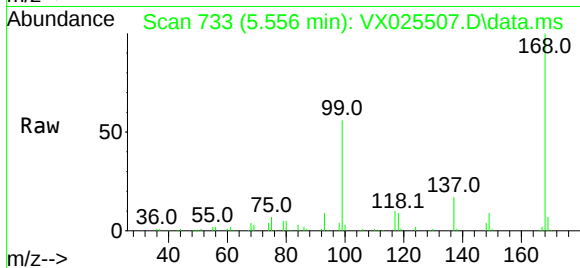
77 0.0 24.4 36.6#



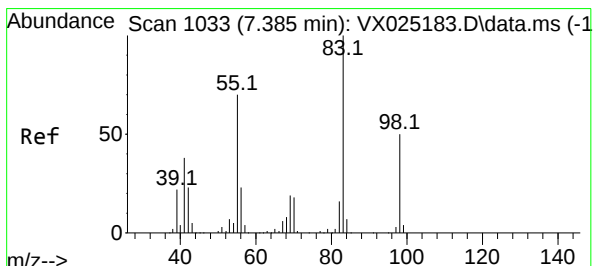
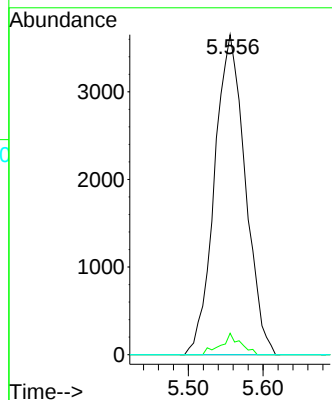
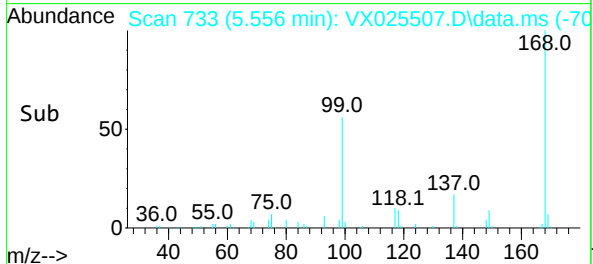


#38
Carbon Tetrachloride
Concen: 5.987 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

Instrument :
MSVOA_X
ClientSampleId :

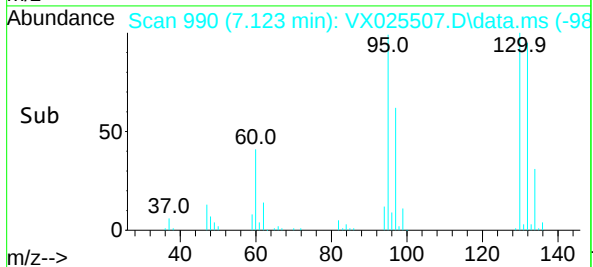
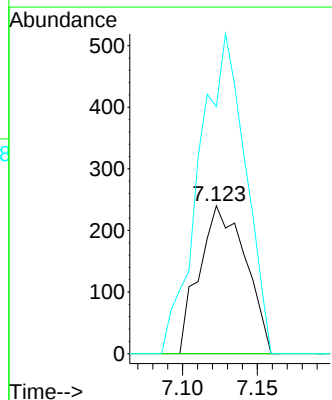
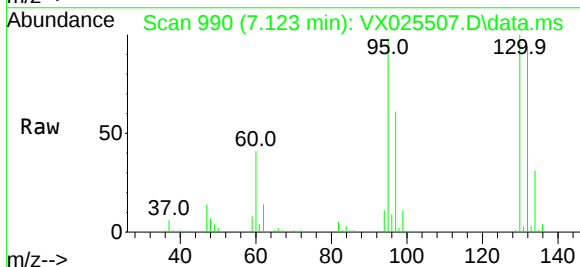


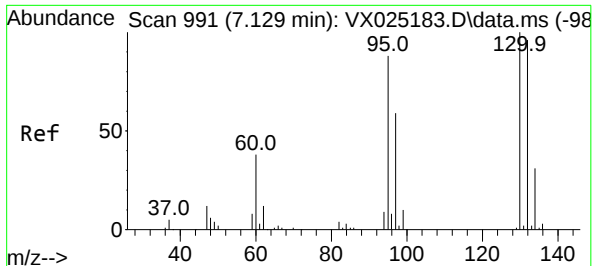
Tgt Ion:117 Resp: 10457
Ion Ratio Lower Upper
117 100
119 6.7 75.6 113.4#
121 0.0 23.7 35.5#



#39
Methylcyclohexane
Concen: 0.254 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

Tgt Ion: 83 Resp: 517
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 167.1 37.0 55.4#

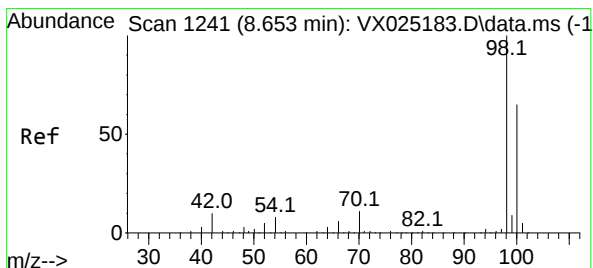
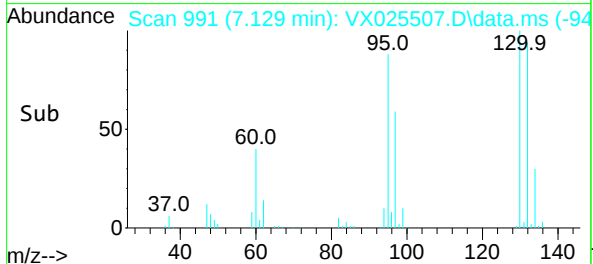
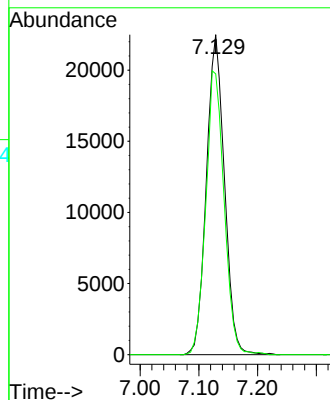
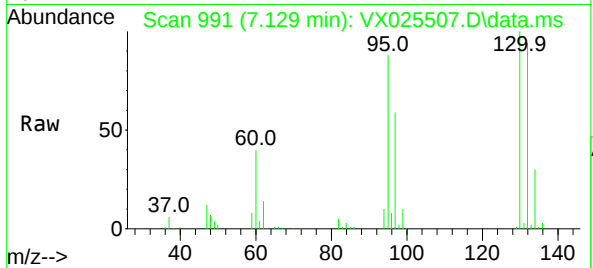




#44
Trichloroethene
Concen: 34.418 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

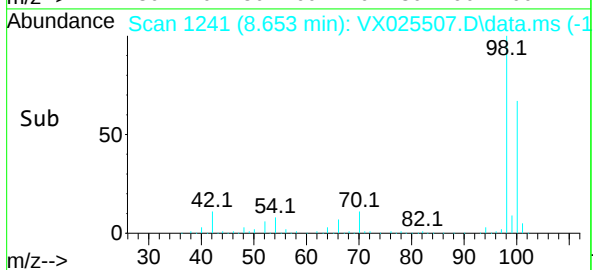
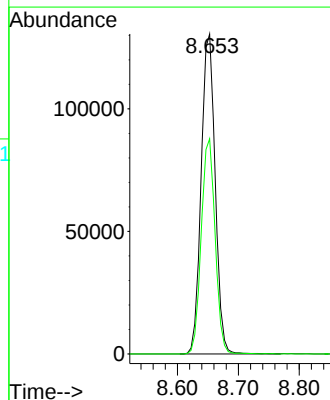
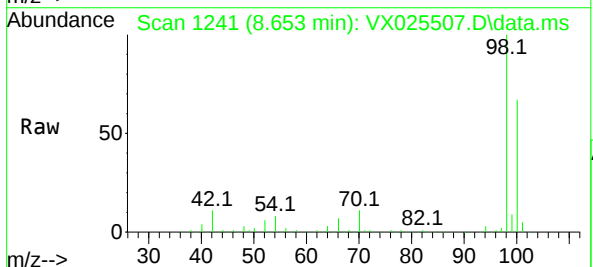
Instrument :
MSVOA_X
ClientSampleId :

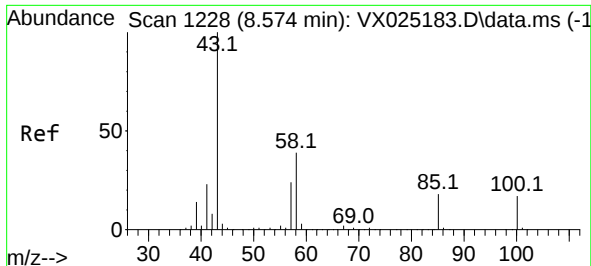
Tgt Ion:130 Resp: 48032
Ion Ratio Lower Upper
130 100
95 87.8 0.0 196.8



#50
Toluene-d8
Concen: 49.680 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

Tgt Ion: 98 Resp: 208321
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0

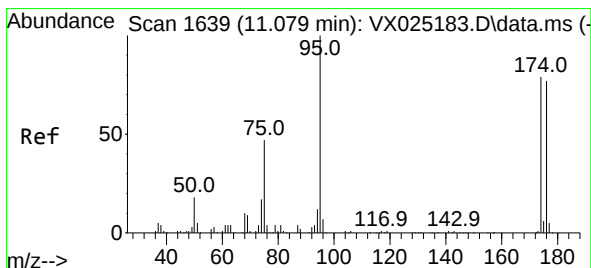
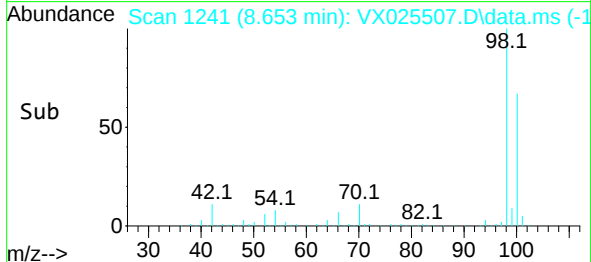
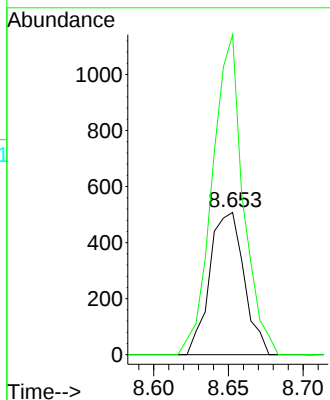
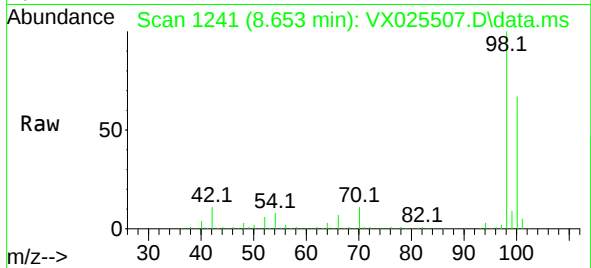




#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

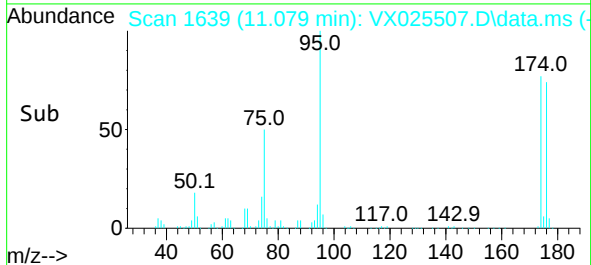
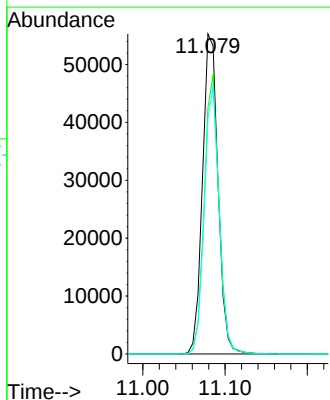
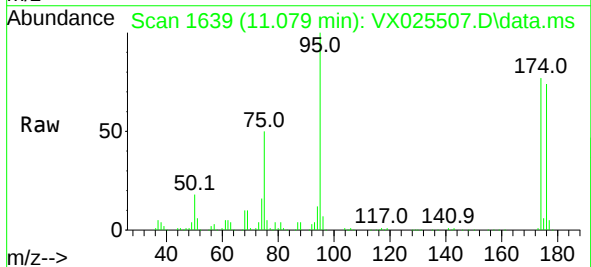
Instrument :
MSVOA_X
ClientSampleId :

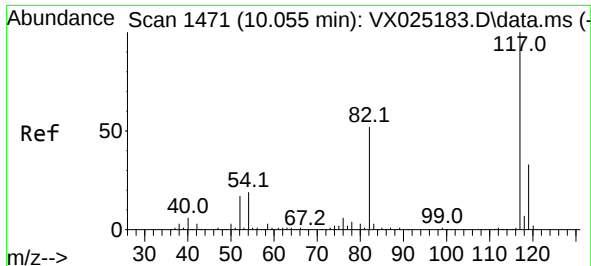
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
58 203.2 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 45.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

Tgt Ion: 95 Resp: 72535
Ion Ratio Lower Upper
95 100
174 83.5 0.0 158.0
176 80.1 0.0 153.6

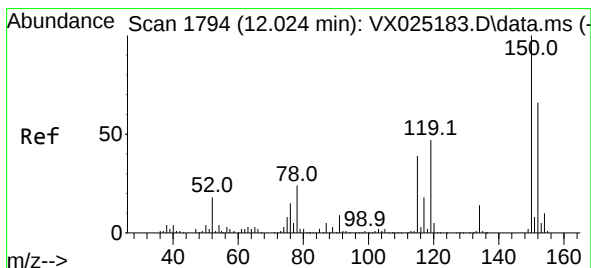
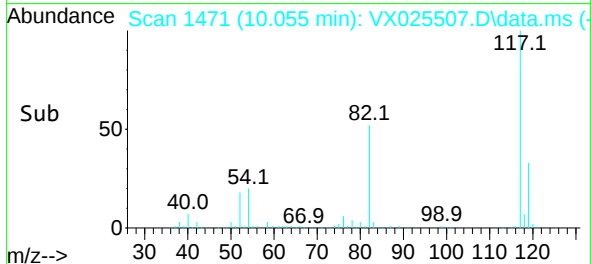
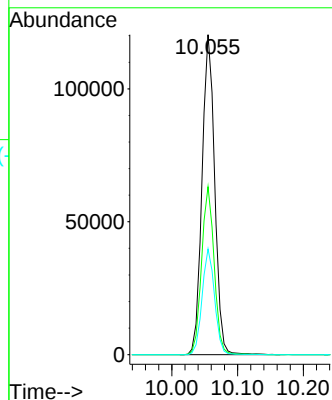
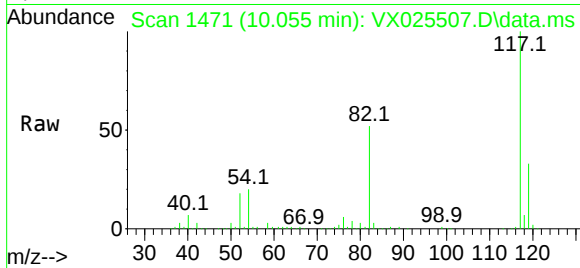




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

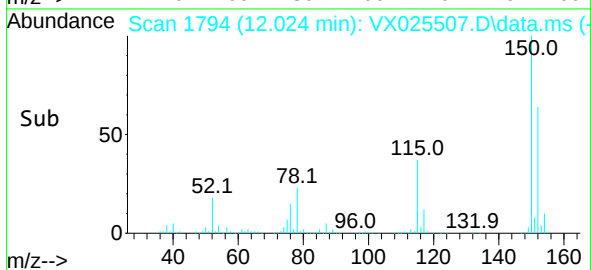
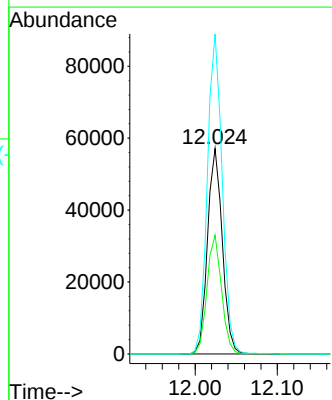
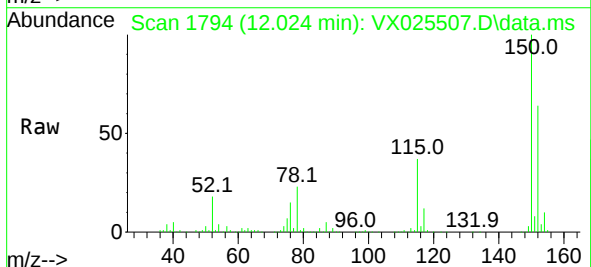
Instrument :
MSVOA_X
ClientSampleId :

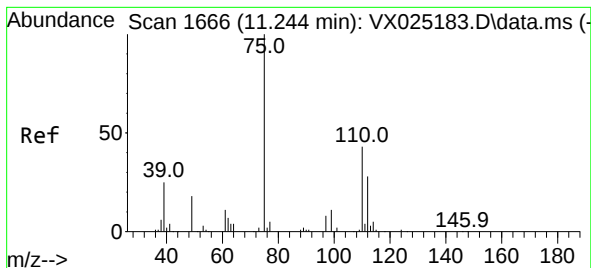
Tgt Ion:117 Resp: 161353
Ion Ratio Lower Upper
117 100
82 52.5 44.6 67.0
119 33.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025507.D
Acq: 04 Dec 2021 01:40

Tgt Ion:152 Resp: 71458
Ion Ratio Lower Upper
152 100
115 57.1 43.3 129.8
150 155.9 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 24.087 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX025507.D

Acq: 04 Dec 2021 01:40

Instrument :

MSVOA_X

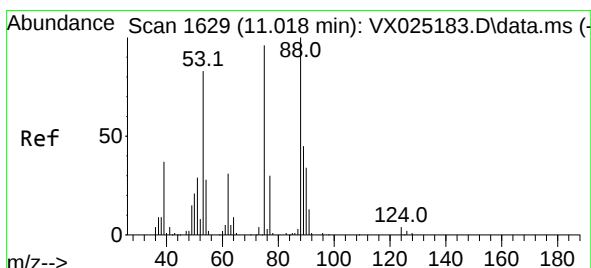
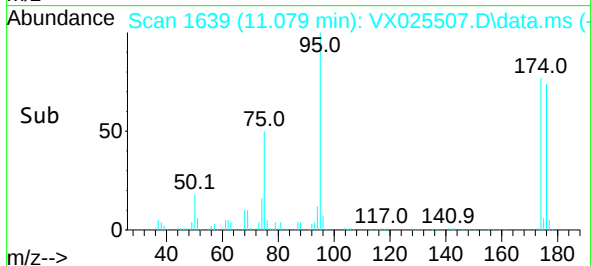
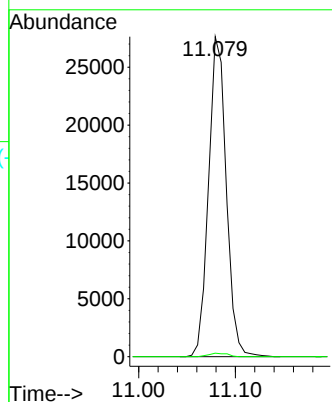
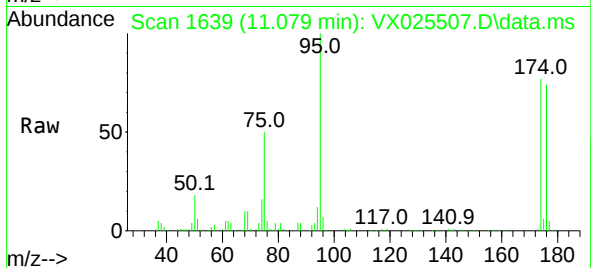
ClientSampleId :

Tgt Ion: 75 Resp: 35247

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.680 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX025507.D

Acq: 04 Dec 2021 01:40

Tgt Ion: 75 Resp: 35247

Ion Ratio Lower Upper

75 100

53 0.0 81.9 122.9#

89 0.0 38.2 57.2#

