

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025336.D
 Acq On : 24 Nov 2021 18:56
 Operator : JC/MD
 Sample : M4784-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 26 10:38:22 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)

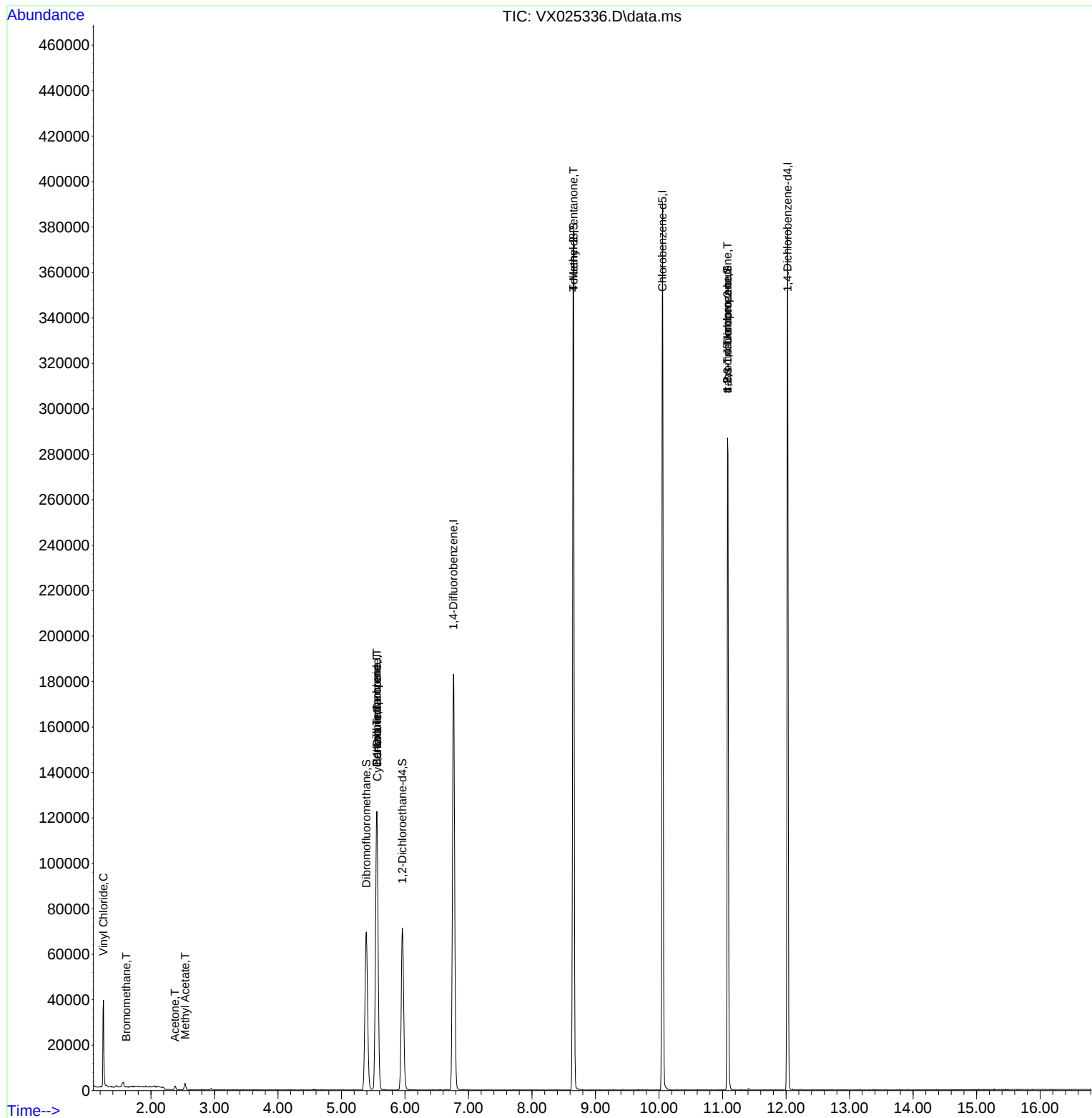
Internal Standards						
1) Pentafluorobenzene	5.556	168	125274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66091	50.051	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.100%
35) Dibromofluoromethane	5.391	113	60202	48.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	8.653	98	228215	49.314	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	79473	45.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.780%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.252	62	318	0.215	ug/l #	1
5) Bromomethane	1.611	94	130	0.205	ug/l #	79
11) Tert butyl alcohol	2.947	59	384	Below Cal	#	72
16) Acetone	2.380	43	1860	2.535	ug/l	100
18) Methyl Acetate	2.538	43	829	0.354	ug/l #	52
31) Cyclohexane	5.562	56	2146	1.052	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8470	4.839	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11608	6.022	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	929	0.447	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38492	23.467	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38492	59.117	ug/l #	9
95) Naphthalene	13.780	128	121	Below Cal	#	69

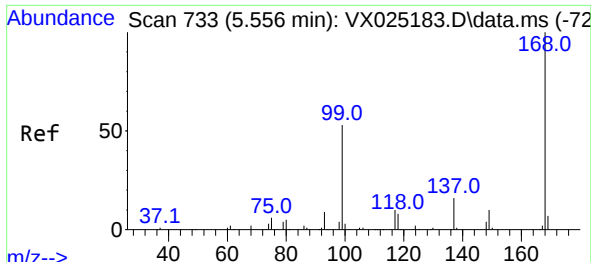
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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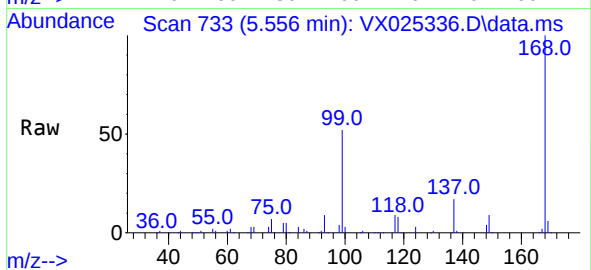
Quant Time: Nov 26 10:38:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



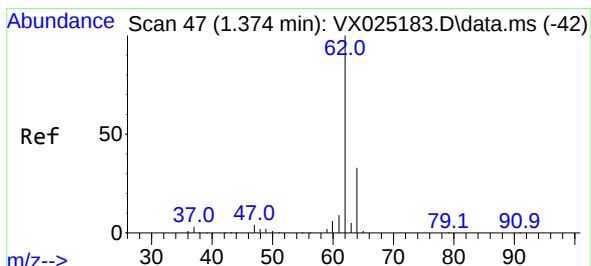
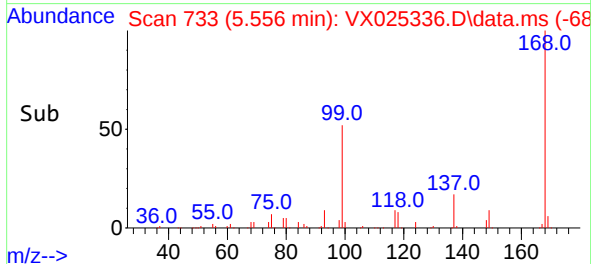
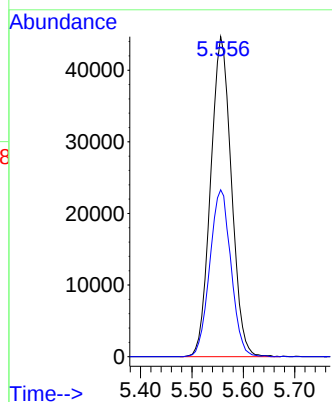


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

Instrument :
MSVOA_X
ClientSampleId :

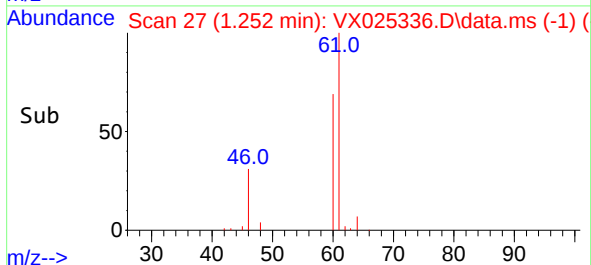
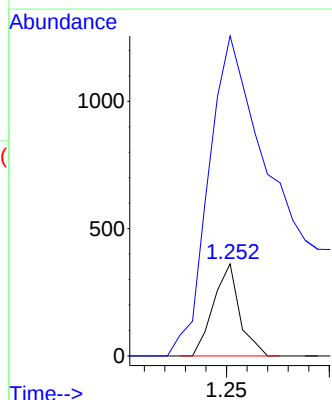
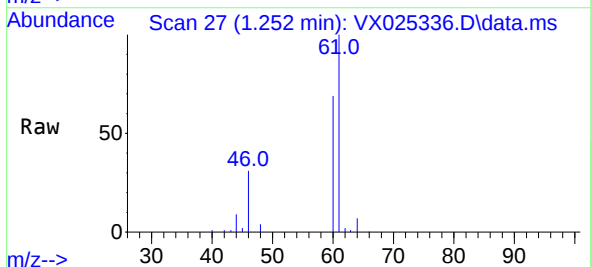


Tgt Ion:168 Resp: 125274
Ion Ratio Lower Upper
168 100
99 52.2 46.4 69.6

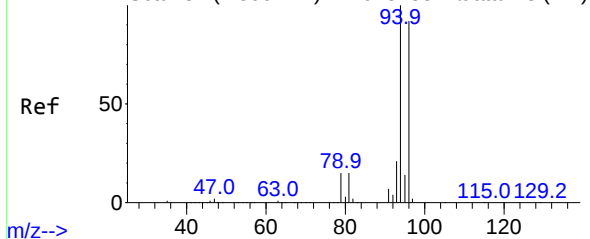


#4
Vinyl Chloride
Concen: 0.215 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

Tgt Ion: 62 Resp: 318
Ion Ratio Lower Upper
62 100
64 324.9 26.0 39.0#



Abundance Scan 84 (1.599 min): VX025183.D\data.ms (-77)



#5

Bromomethane

Concen: 0.205 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX025336.D

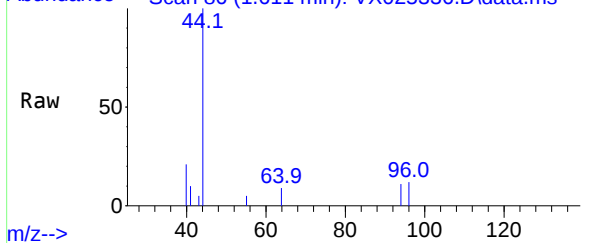
Acq: 24 Nov 2021 18:56

Instrument :

MSVOA_X

ClientSampleId :

Abundance Scan 86 (1.611 min): VX025336.D\data.ms



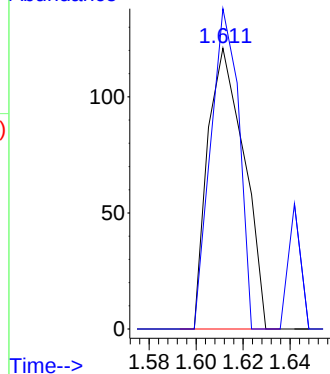
Tgt Ion: 94 Resp: 130

Ion Ratio Lower Upper

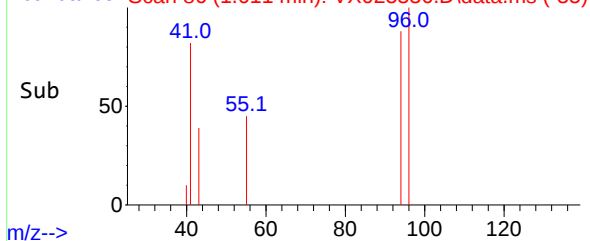
94 100

96 114.0 74.8 112.2#

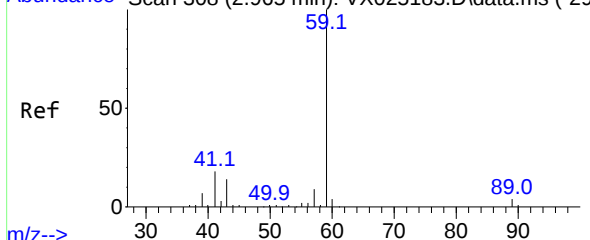
Abundance



Abundance Scan 86 (1.611 min): VX025336.D\data.ms (-35)



Abundance Scan 308 (2.965 min): VX025183.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX025336.D

Acq: 24 Nov 2021 18:56

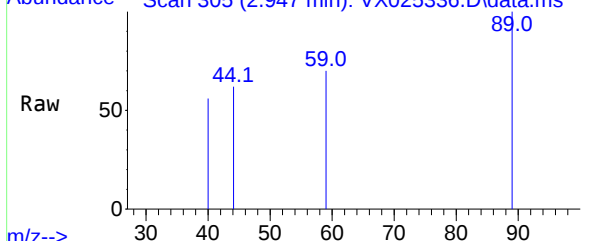
Tgt Ion: 59 Resp: 384

Ion Ratio Lower Upper

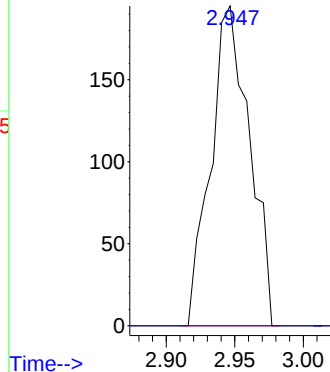
59 100

57 0.0 8.5 12.7#

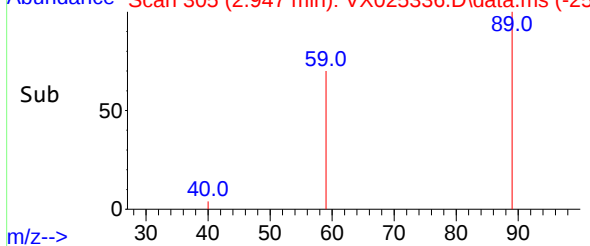
Abundance Scan 305 (2.947 min): VX025336.D\data.ms

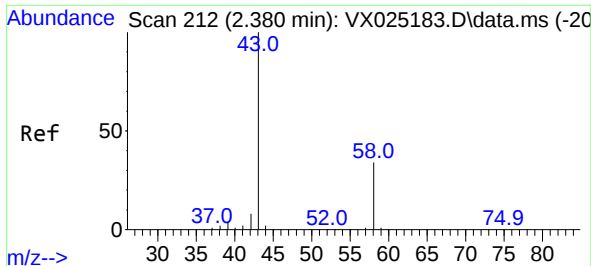


Abundance



Abundance Scan 305 (2.947 min): VX025336.D\data.ms (-25)

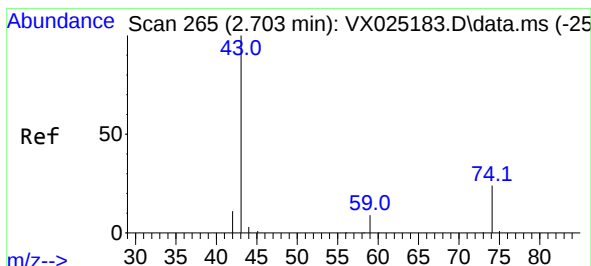
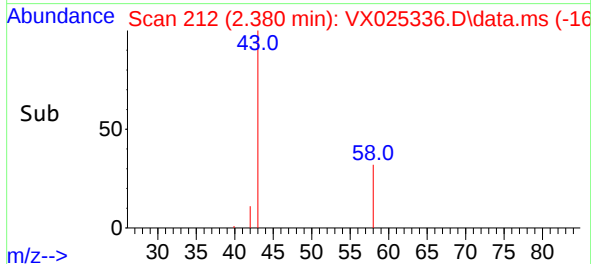
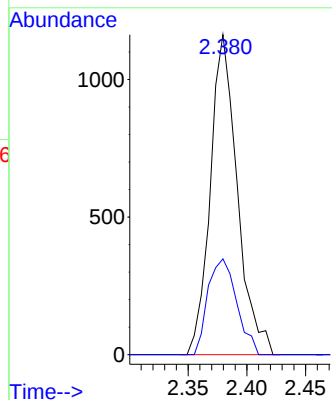
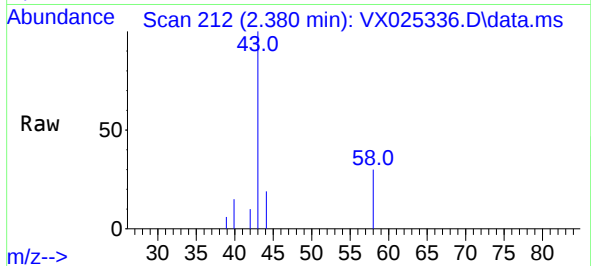




#16
Acetone
Concen: 2.535 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

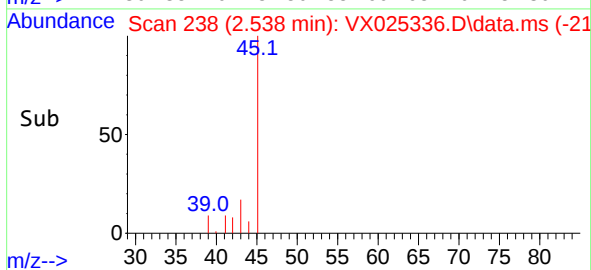
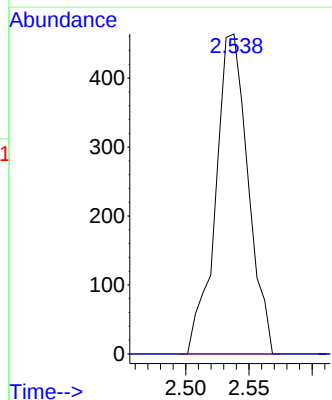
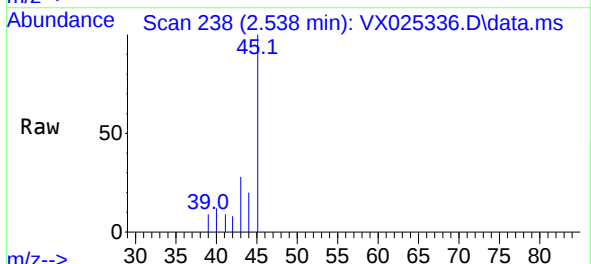
Instrument :
MSVOA_X
ClientSampleId :

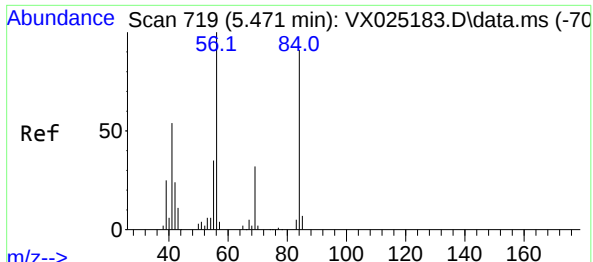
Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0



#18
Methyl Acetate
Concen: 0.354 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.165 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

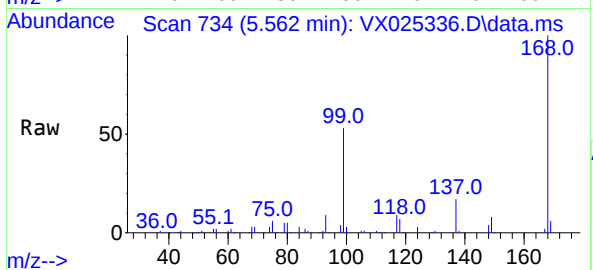
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



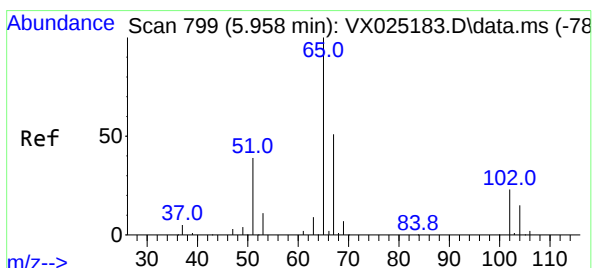
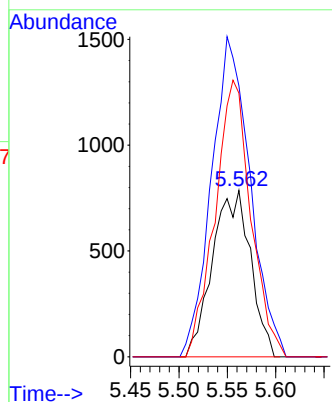
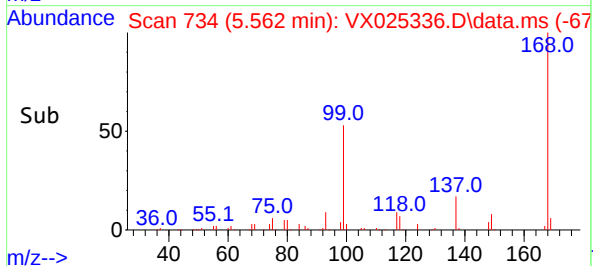


#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

Instrument :
MSVOA_X
ClientSampleId :

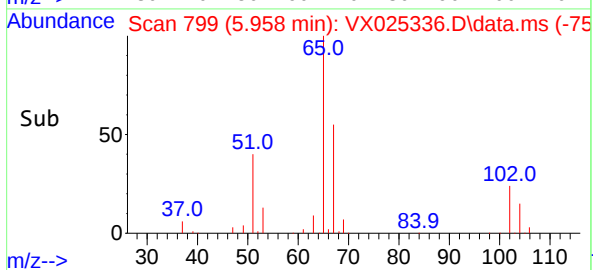
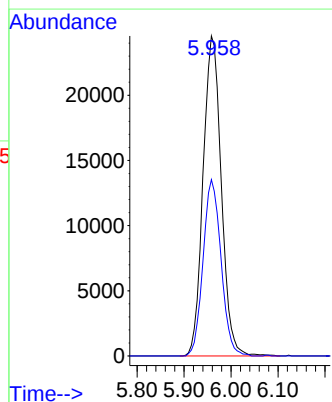
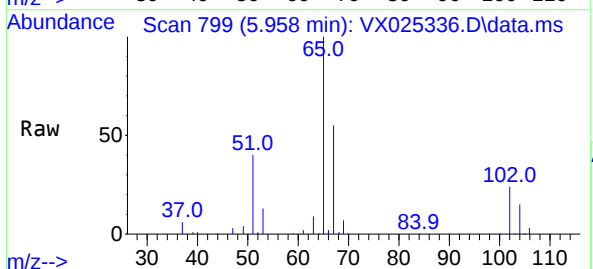


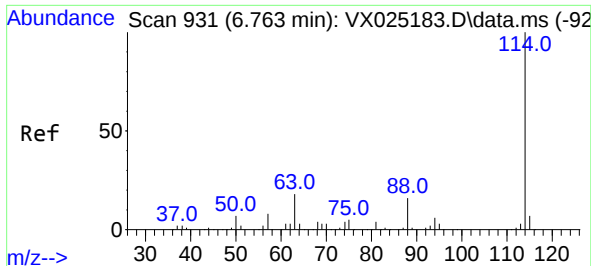
Tgt Ion: 56 Resp: 2146
Ion Ratio Lower Upper
56 100
69 163.0 24.2 36.2#
84 158.5 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 50.051 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

Tgt Ion: 65 Resp: 66091
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.0

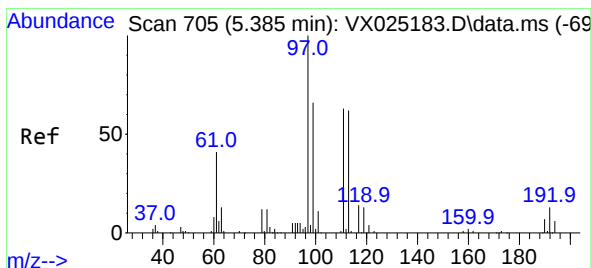
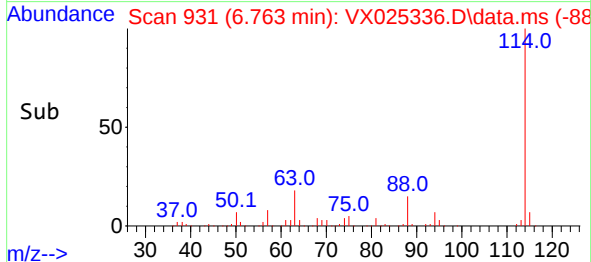
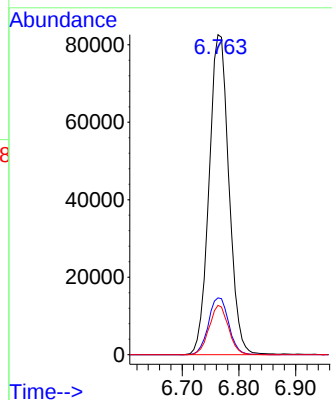
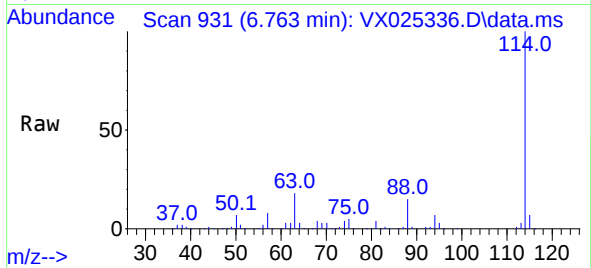




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

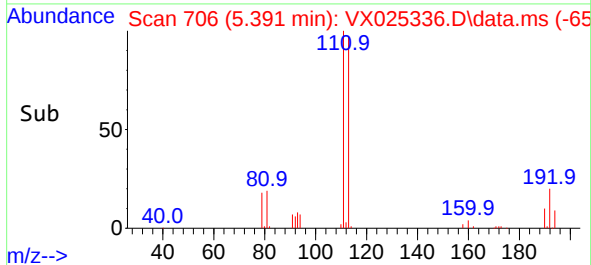
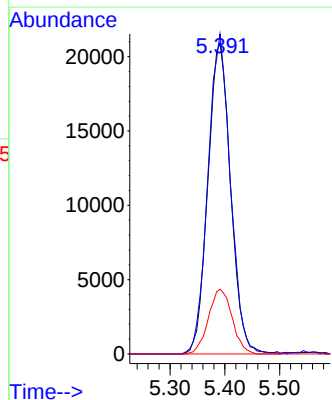
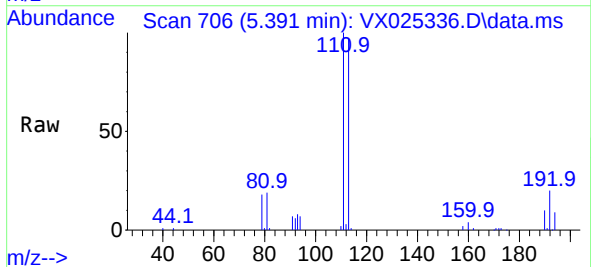
Instrument :
MSVOA_X
ClientSampleId :

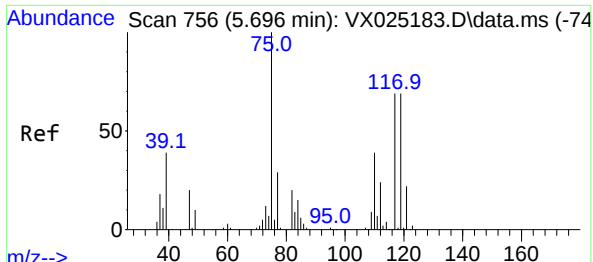
Tgt Ion:114 Resp: 200603
Ion Ratio Lower Upper
114 100
63 17.8 0.0 41.0
88 15.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.912 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

Tgt Ion:113 Resp: 60202
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 21.6 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.839 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

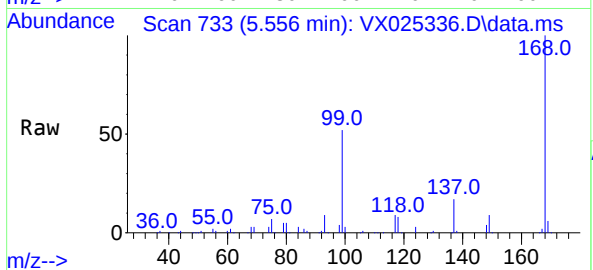
Lab File: VX025336.D

Acq: 24 Nov 2021 18:56

Instrument :

MSVOA_X

ClientSampleId :



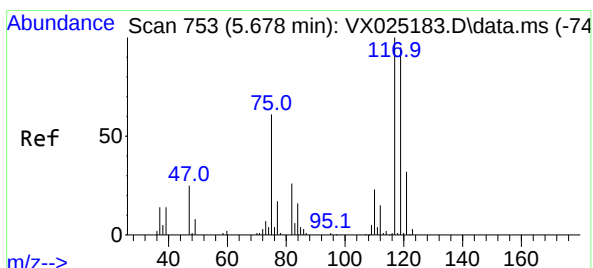
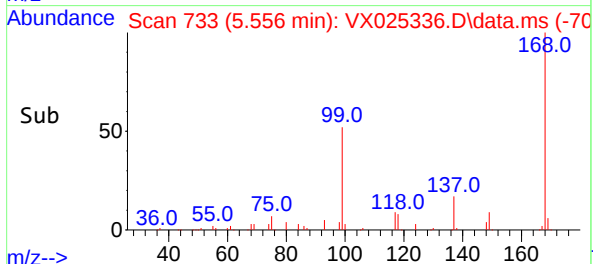
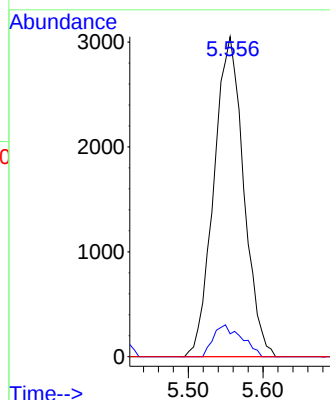
Tgt Ion: 75 Resp: 8470

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.022 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025336.D

Acq: 24 Nov 2021 18:56

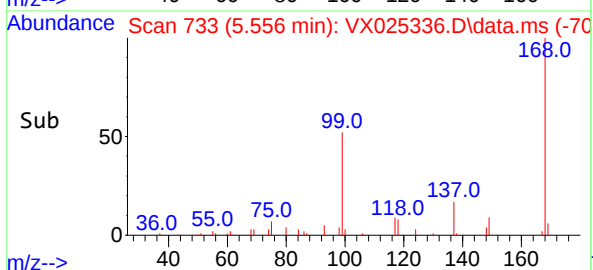
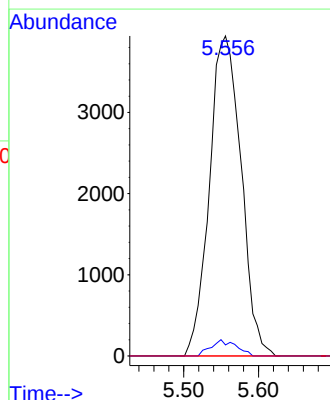
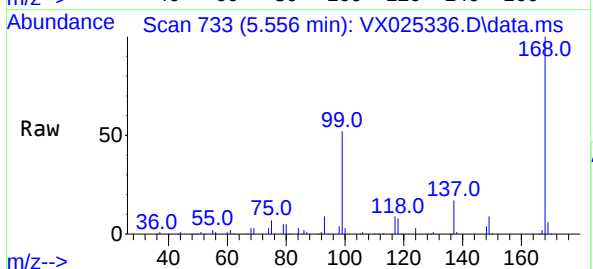
Tgt Ion: 117 Resp: 11608

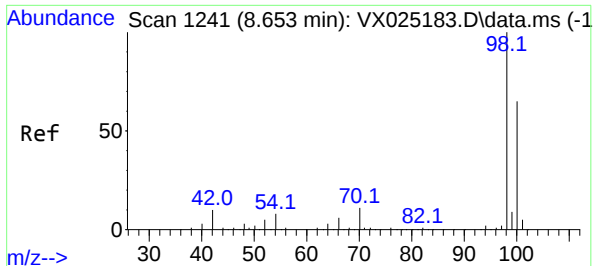
Ion Ratio Lower Upper

117 100

119 3.5 75.6 113.4#

121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 49.314 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025336.D

Acq: 24 Nov 2021 18:56

Instrument :

MSVOA_X

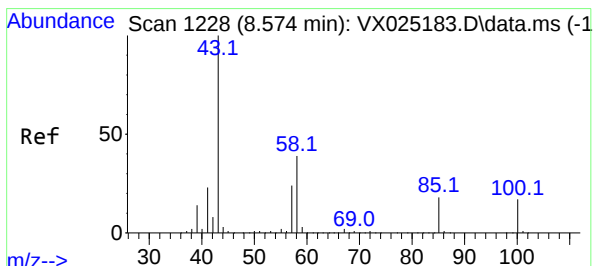
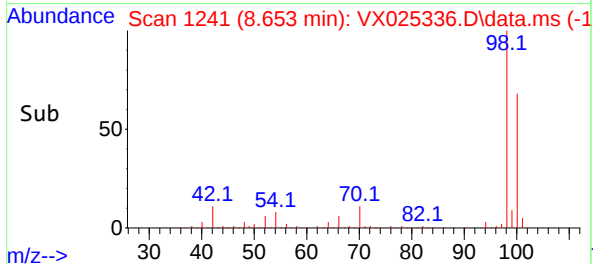
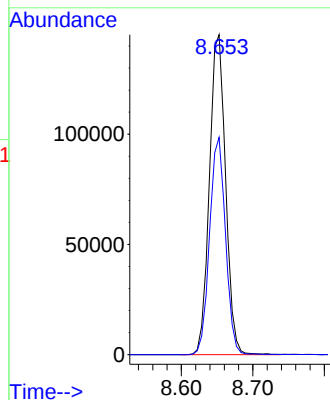
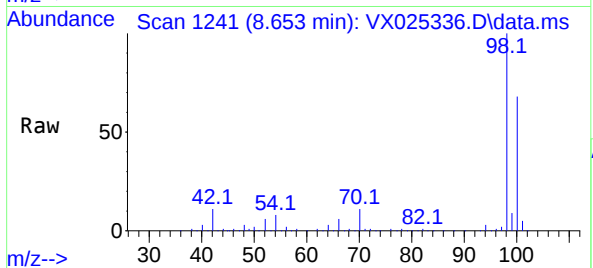
ClientSampleId :

Tgt Ion: 98 Resp: 228215

Ion Ratio Lower Upper

98 100

100 66.8 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.447 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX025336.D

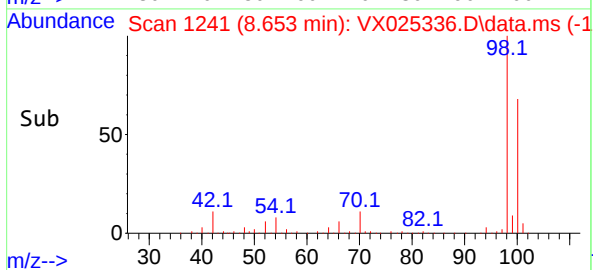
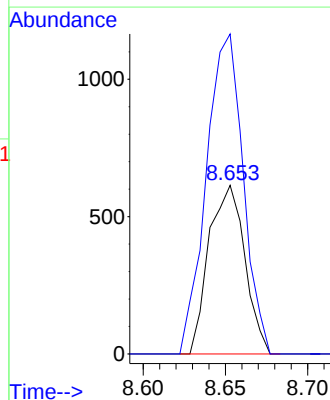
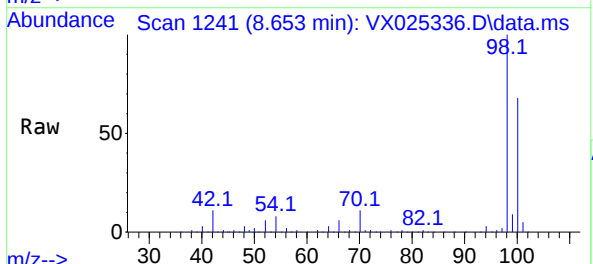
Acq: 24 Nov 2021 18:56

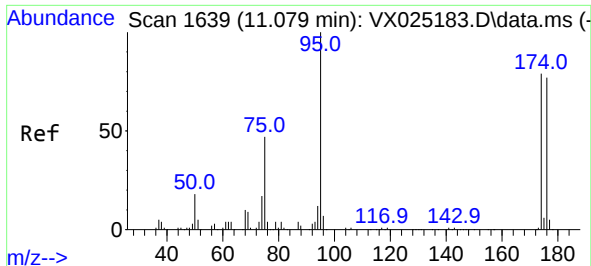
Tgt Ion: 43 Resp: 929

Ion Ratio Lower Upper

43 100

58 195.5 30.9 46.3#

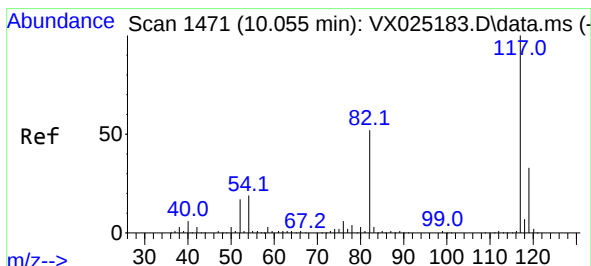
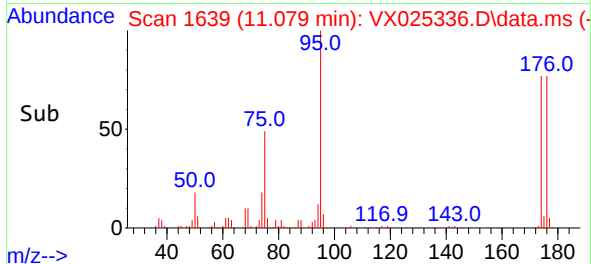
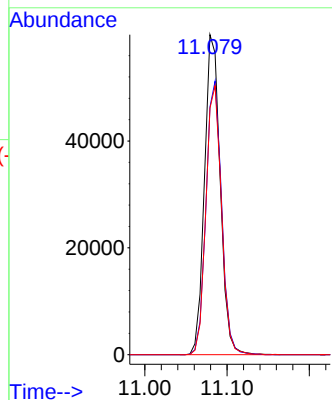
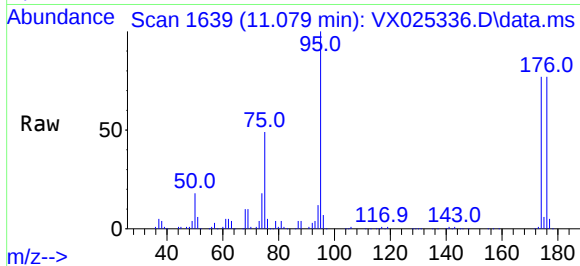




#62
4-Bromofluorobenzene
Concen: 45.394 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

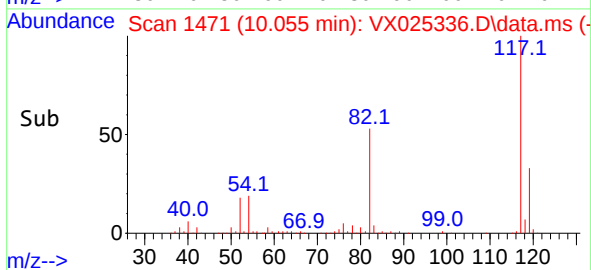
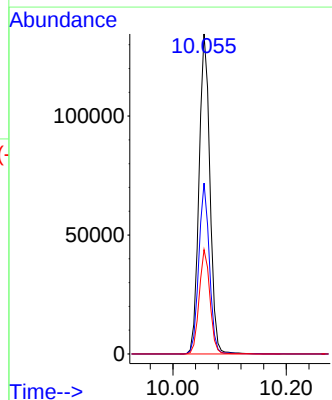
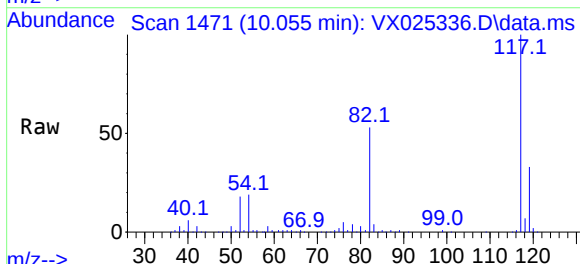
Instrument :
MSVOA_X
ClientSampleId :

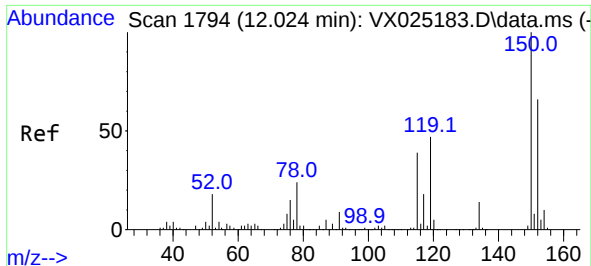
Tgt Ion: 95 Resp: 79473
Ion Ratio Lower Upper
95 100
174 84.7 0.0 158.0
176 83.3 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

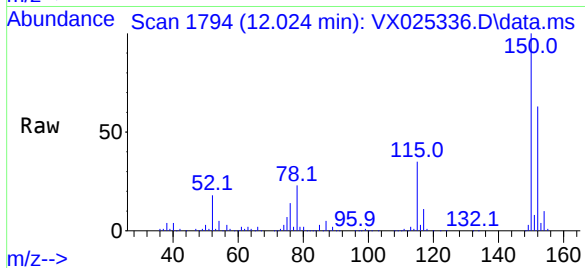
Tgt Ion: 117 Resp: 179169
Ion Ratio Lower Upper
117 100
82 53.4 44.6 67.0
119 32.6 24.8 37.2



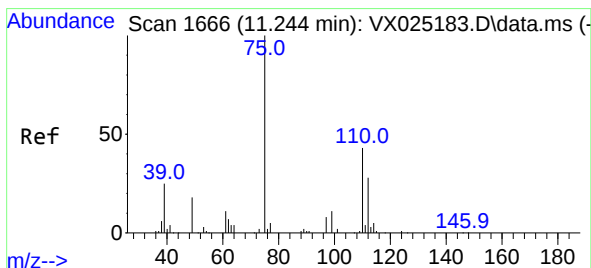
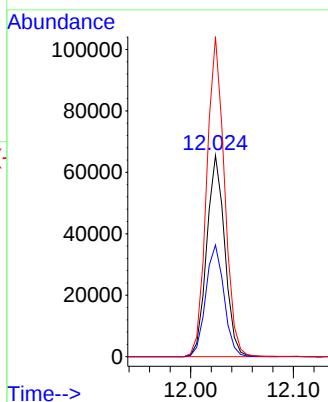
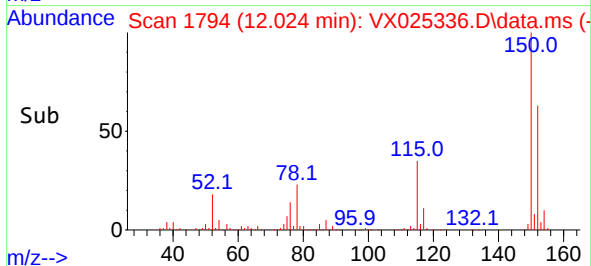


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

Instrument :
MSVOA_X
ClientSampleId :

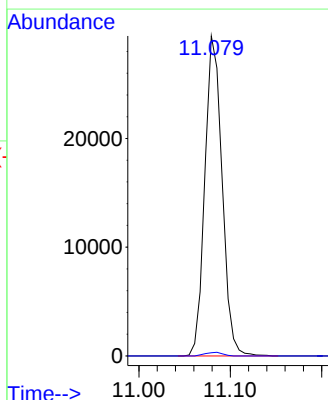
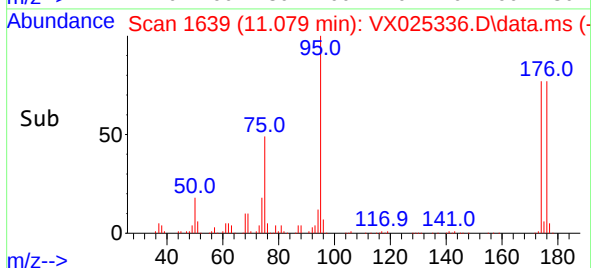
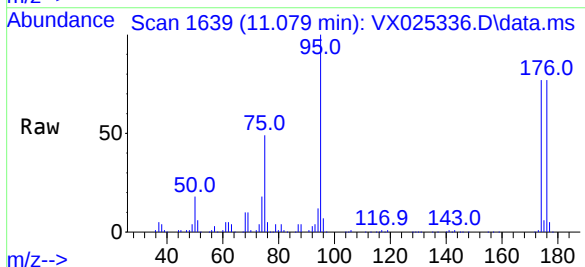


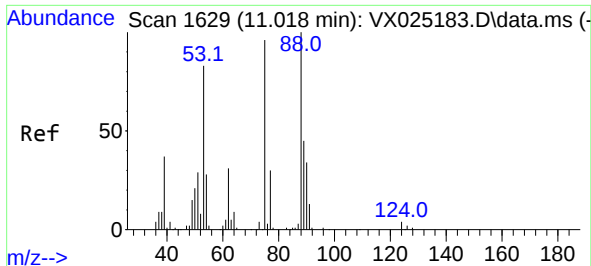
Tgt Ion:152 Resp: 80099
Ion Ratio Lower Upper
152 100
115 56.2 43.3 129.8
150 156.6 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 23.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

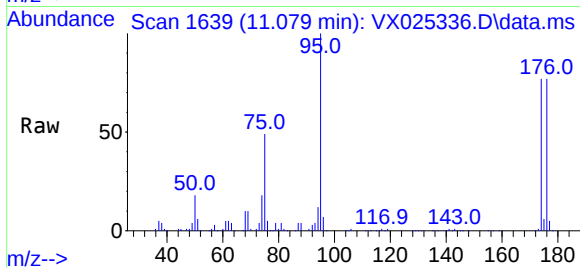
Tgt Ion: 75 Resp: 38492
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



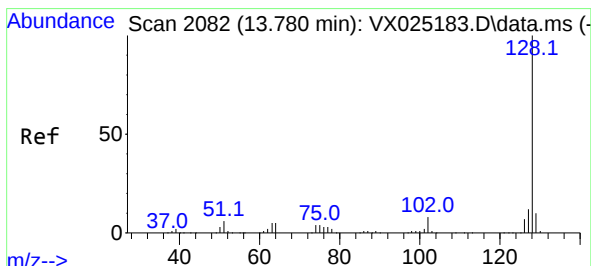
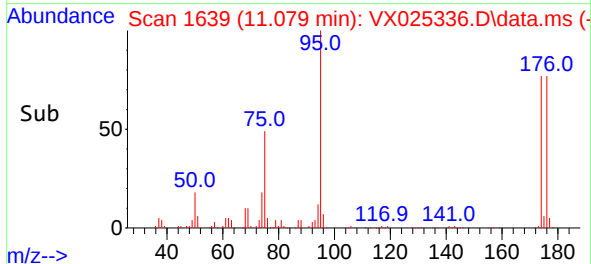
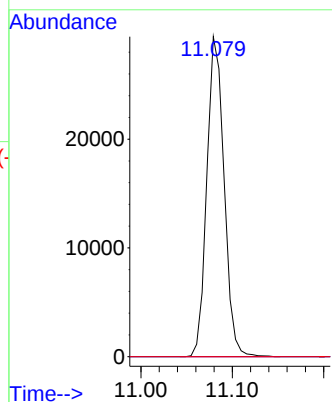


#81
trans-1,4-Dichloro-2-butene
Concen: 59.117 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 38492
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# 2082
Delta R.T. -0.000 min
Lab File: VX025336.D
Acq: 24 Nov 2021 18:56

Tgt Ion: 128 Resp: 121
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

