

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032653.D
 Acq On : 08 Nov 2022 14:53
 Operator : JC/MD
 Sample : N5514-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 04:39:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	107200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75717	50.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.660%	
35) Dibromofluoromethane	5.391	113	57941	45.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.800%	
50) Toluene-d8	8.647	98	214322	48.824	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.640%	
62) 4-Bromofluorobenzene	11.079	95	81917	47.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.540%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	644	1.190	ug/l #	77
31) Cyclohexane	5.562	56	2516	1.393	ug/l #	22
36) 1,1-Dichloropropene	5.544	75	8417	4.788	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10812	5.545	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	974	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44611	26.734	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44611	85.068	ug/l #	6

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

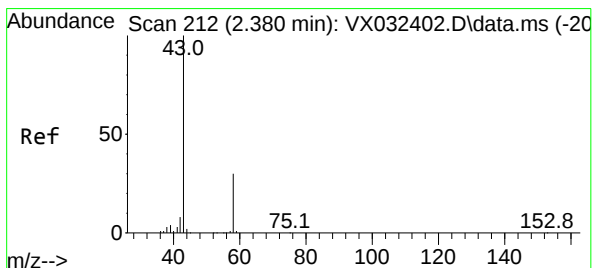
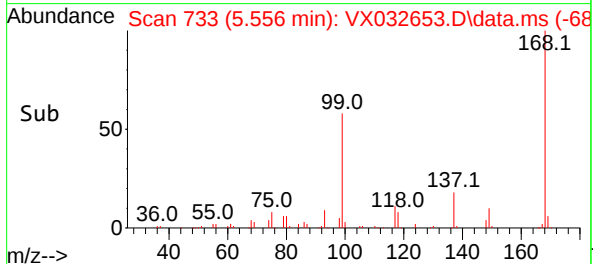
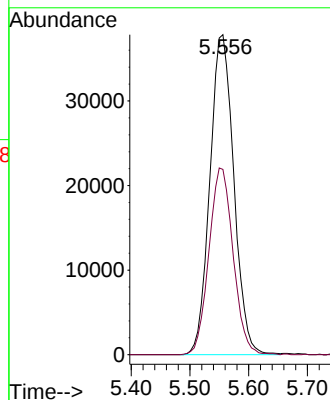
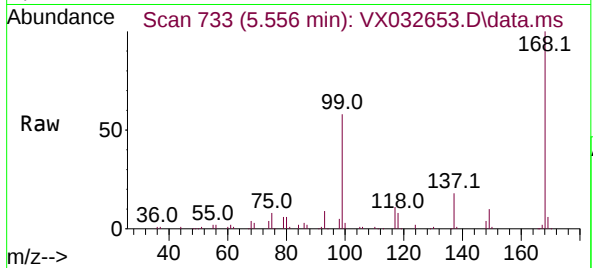




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX032653.D
Acq: 08 Nov 2022 14:53

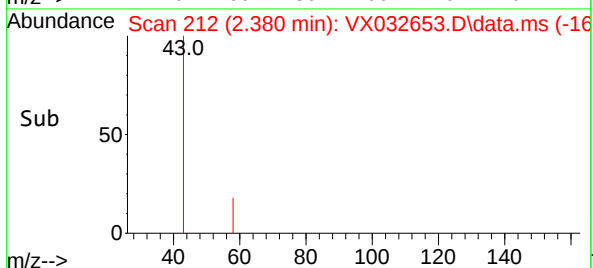
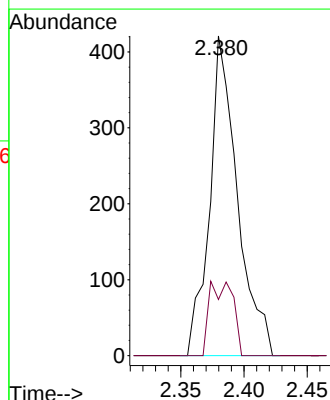
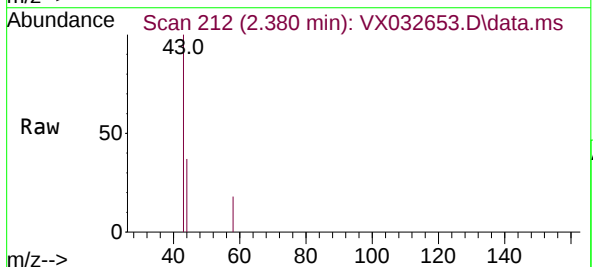
Instrument :
MSVOA_X
ClientSampleId :

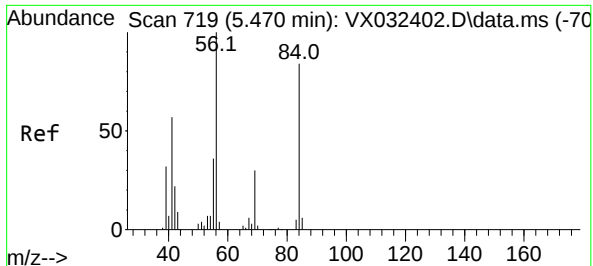
Tgt Ion:168 Resp: 107200
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#16
Acetone
Concen: 1.190 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032653.D
Acq: 08 Nov 2022 14:53

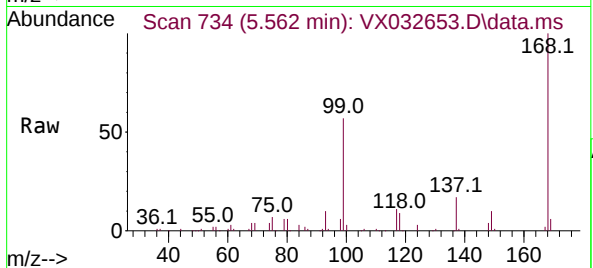
Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 17.6 23.8 35.8#



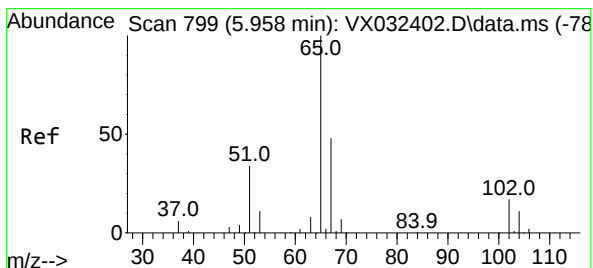
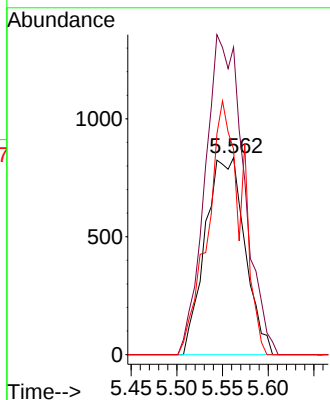
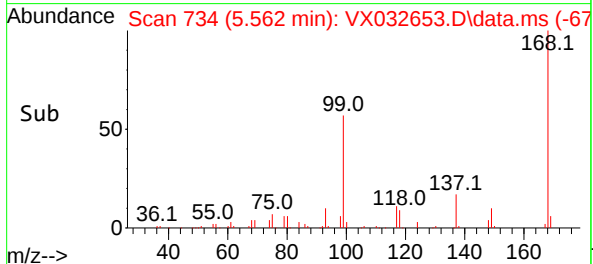


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX032653.D
Acq: 08 Nov 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :

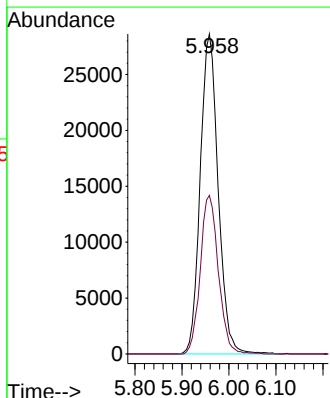
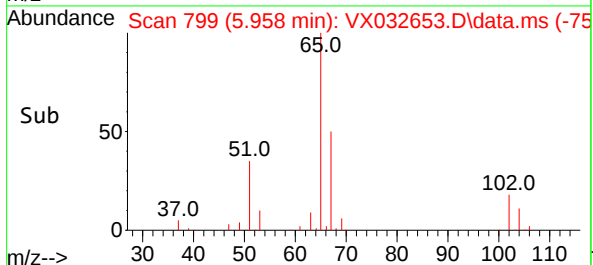
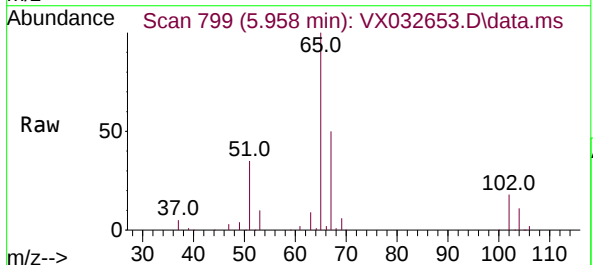


Tgt Ion: 56 Resp: 2516
Ion Ratio Lower Upper
56 100
69 156.2 24.1 36.1#
84 104.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.833 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032653.D
Acq: 08 Nov 2022 14:53

Tgt Ion: 65 Resp: 75717
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

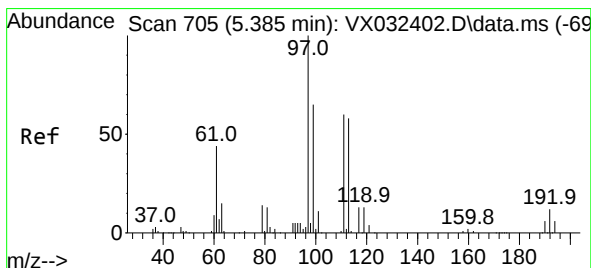
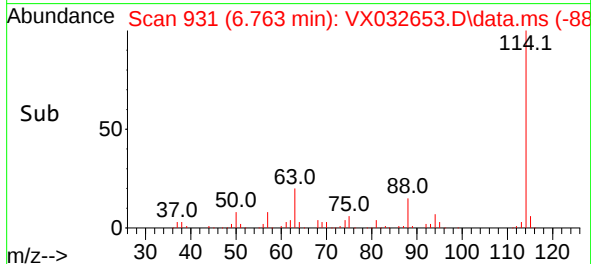
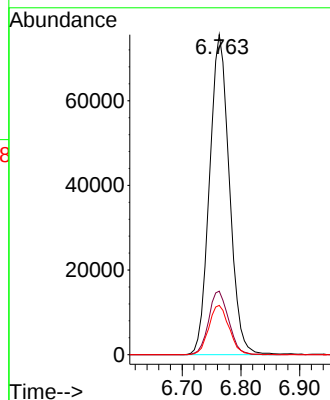
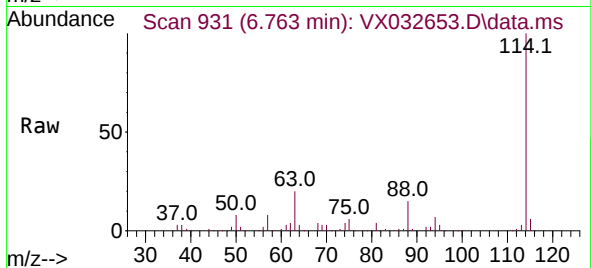




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032653.D
Acq: 08 Nov 2022 14:53

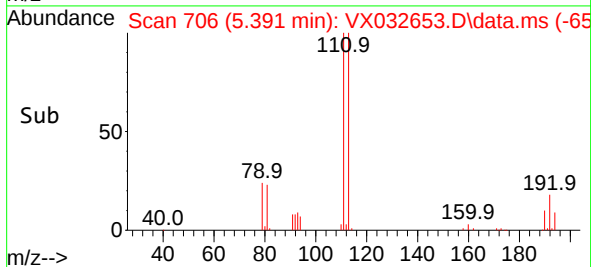
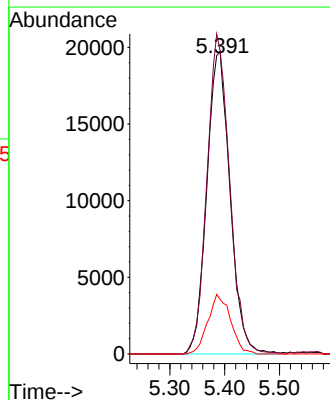
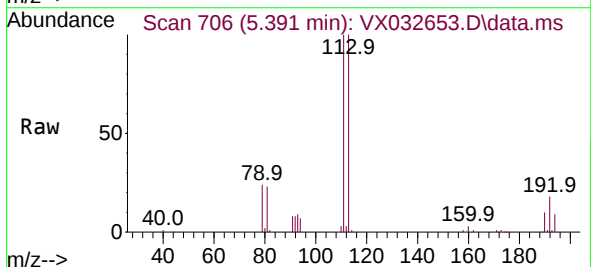
Instrument :
MSVOA_X
ClientSampleId :

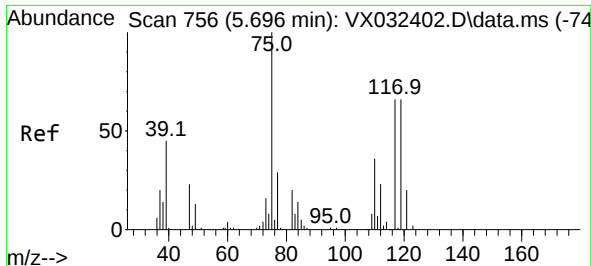
Tgt Ion:114 Resp: 176981
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.897 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032653.D
Acq: 08 Nov 2022 14:53

Tgt Ion:113 Resp: 57941
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.3 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.788 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX032653.D

Acq: 08 Nov 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

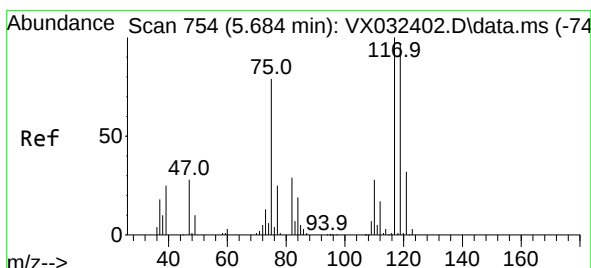
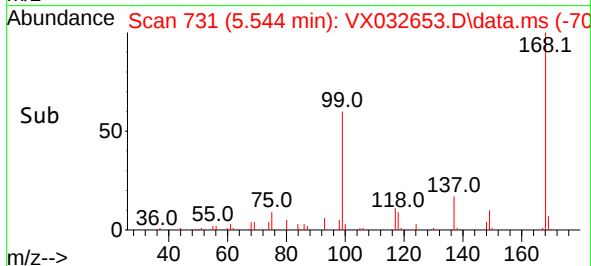
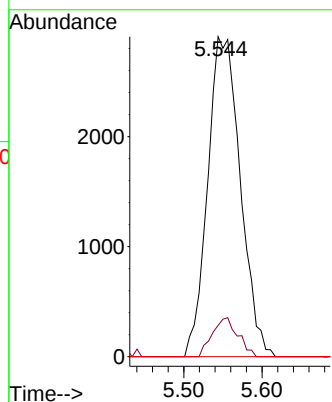
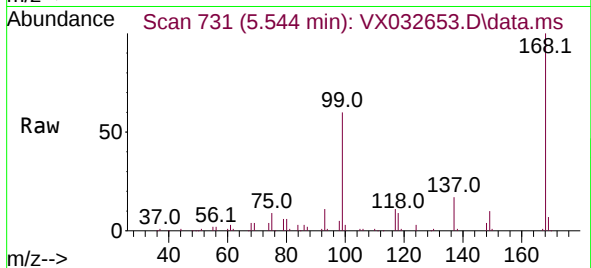
Tgt Ion: 75 Resp: 8417

Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.545 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX032653.D

Acq: 08 Nov 2022 14:53

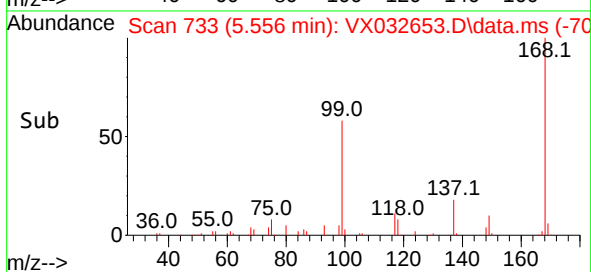
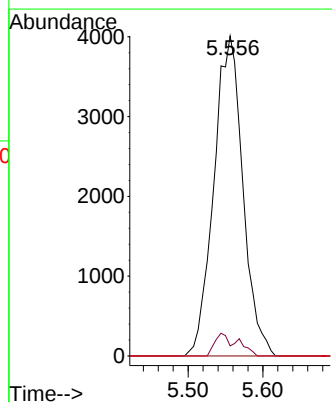
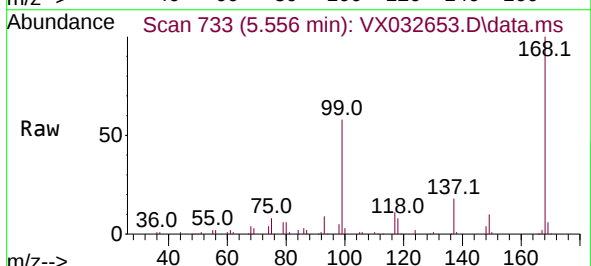
Tgt Ion: 117 Resp: 10812

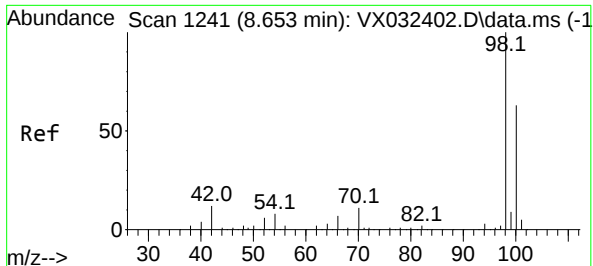
Ion Ratio Lower Upper

117 100

119 3.1 77.2 115.8#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.824 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032653.D

Acq: 08 Nov 2022 14:53

Instrument :

MSVOA_X

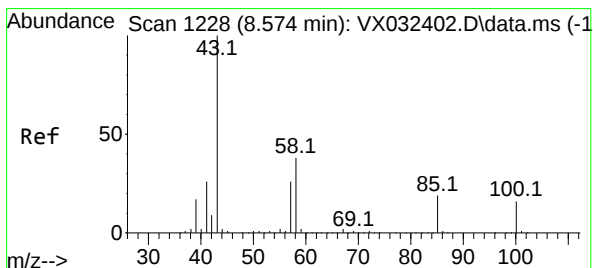
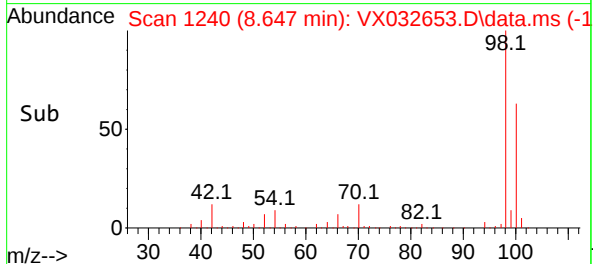
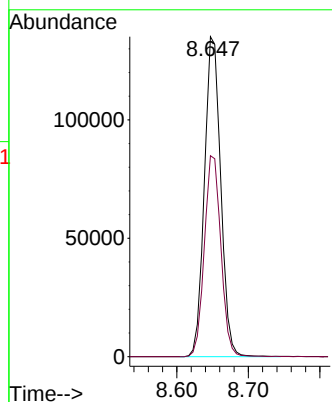
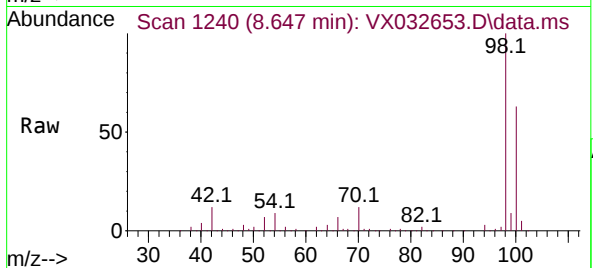
ClientSampleId :

Tgt Ion: 98 Resp: 214322

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.550 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032653.D

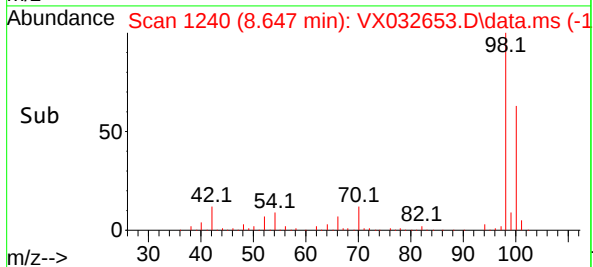
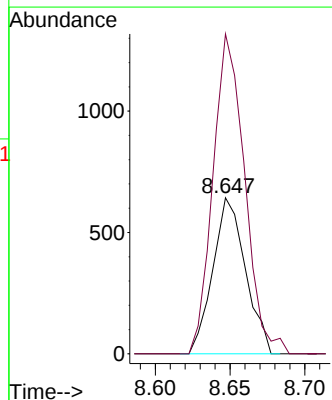
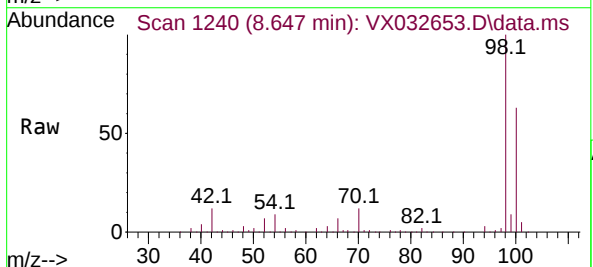
Acq: 08 Nov 2022 14:53

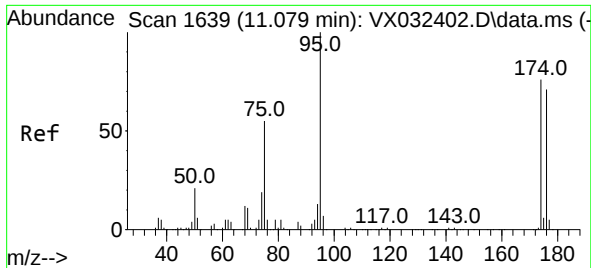
Tgt Ion: 43 Resp: 974

Ion Ratio Lower Upper

43 100

58 199.5 30.9 46.3#

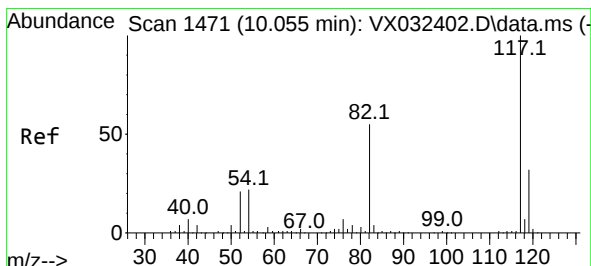
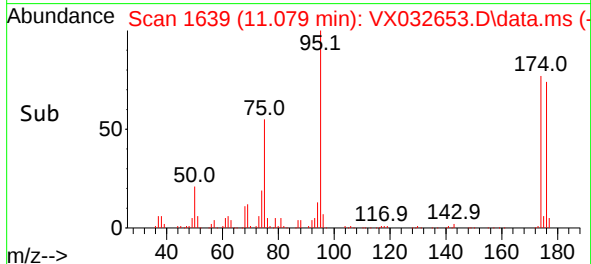
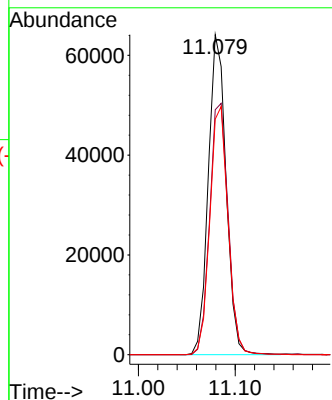
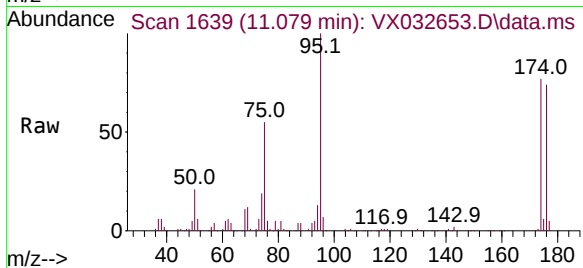




#62
4-Bromofluorobenzene
Concen: 47.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032653.D
Acq: 08 Nov 2022 14:53

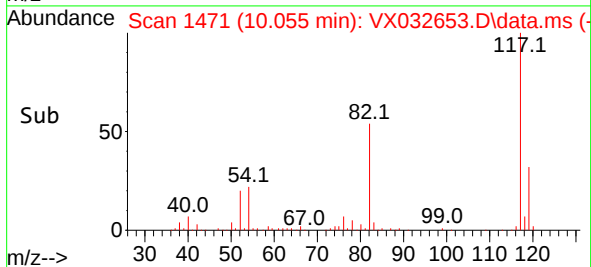
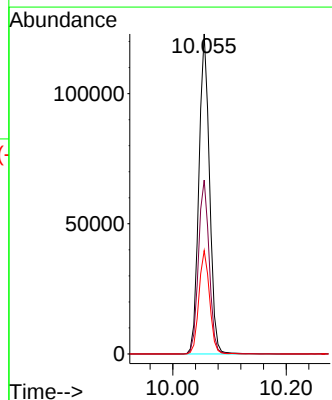
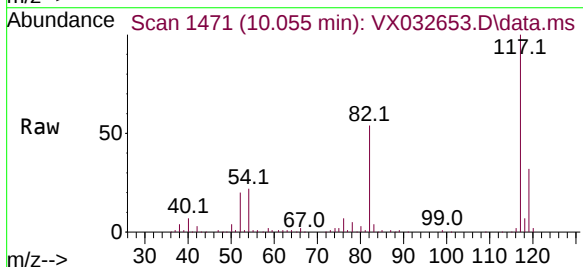
Instrument :
MSVOA_X
ClientSampleId :

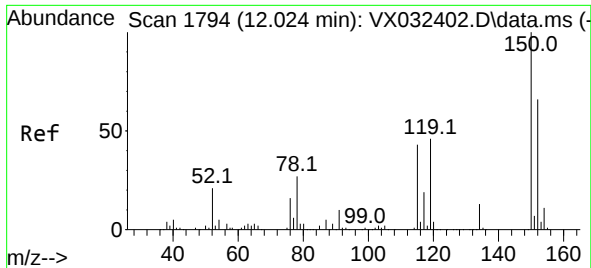
Tgt Ion: 95 Resp: 81917
Ion Ratio Lower Upper
95 100
174 81.9 0.0 164.0
176 79.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032653.D
Acq: 08 Nov 2022 14:53

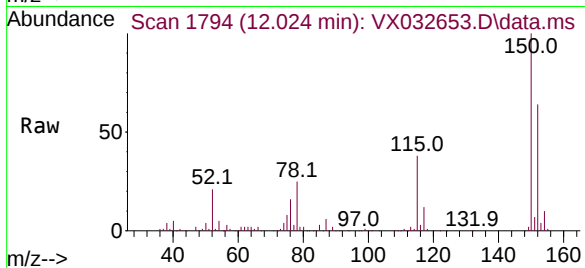
Tgt Ion: 117 Resp: 159761
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.3 25.7 38.5



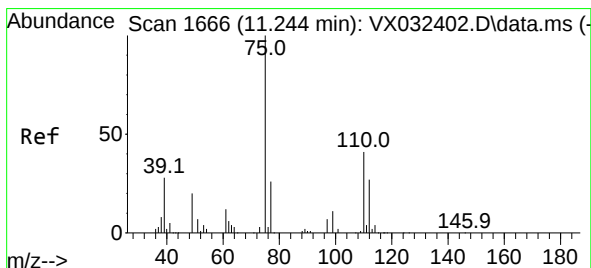
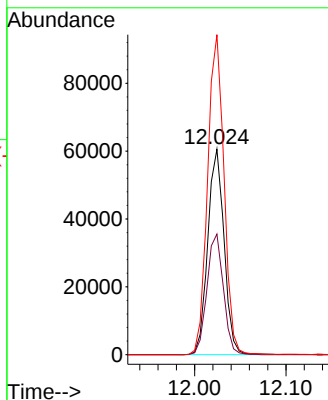
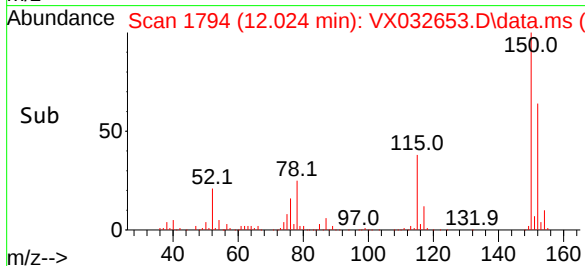


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032653.D
Acq: 08 Nov 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :

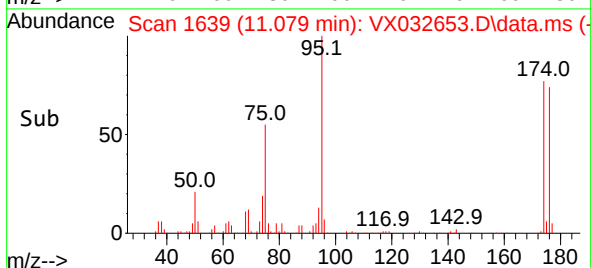
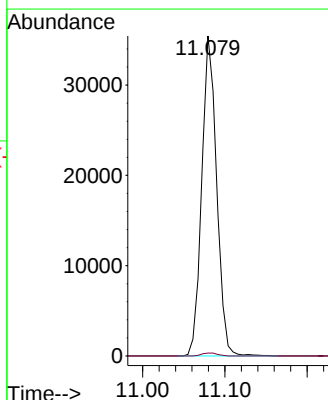
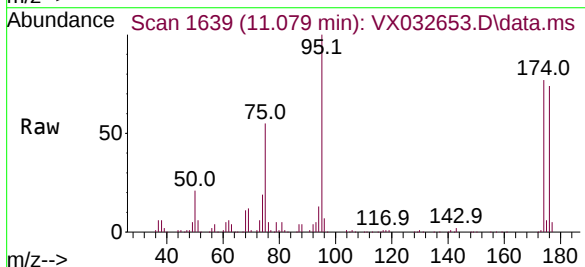


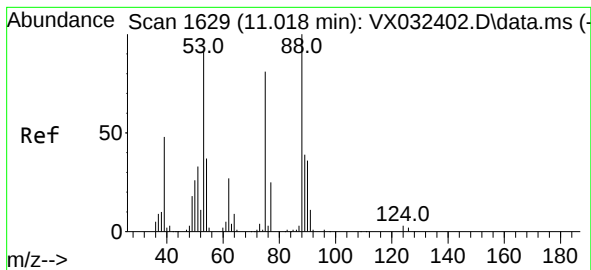
Tgt Ion:152 Resp: 75006
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 156.5 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032653.D
Acq: 08 Nov 2022 14:53

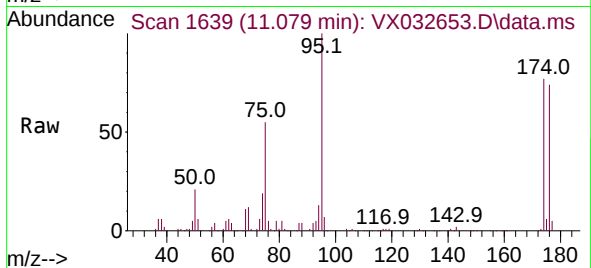
Tgt Ion: 75 Resp: 44611
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.068 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032653.D
 Acq: 08 Nov 2022 14:53

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 44611
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

