

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034901.D
 Acq On : 01 Apr 2023 04:37
 Operator : JC/MD
 Sample : 02137-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DD

Quant Time: Apr 03 03:20:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	266212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	205062	50.367	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.740%		
35) Dibromofluoromethane	5.385	113	143746	47.926	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.860%		
50) Toluene-d8	8.647	98	546222	49.339	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.680%		
62) 4-Bromofluorobenzene	11.079	95	202020	47.156	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.320%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	203	0.284	ug/l #	73
16) Acetone	2.398	43	1929	1.166	ug/l	95
31) Cyclohexane	5.550	56	6882	1.388	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	23644	5.321	ug/l #	50
38) Carbon Tetrachloride	5.550	117	30234	7.217	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2729	0.593	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110249	33.345	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110249	99.931	ug/l #	8

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

Quant Time: Apr 03 03:20:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

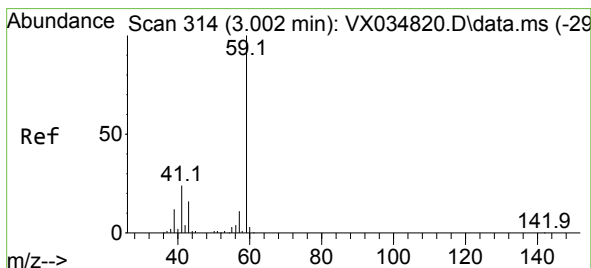
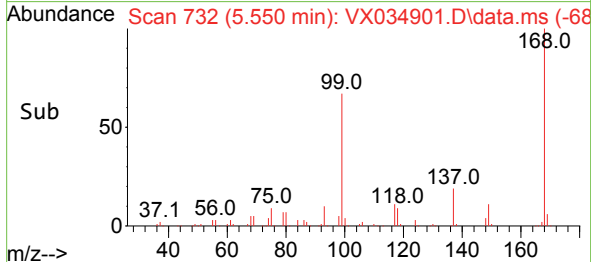
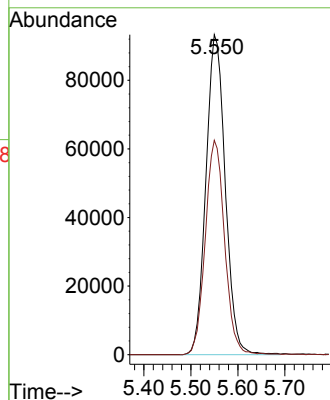
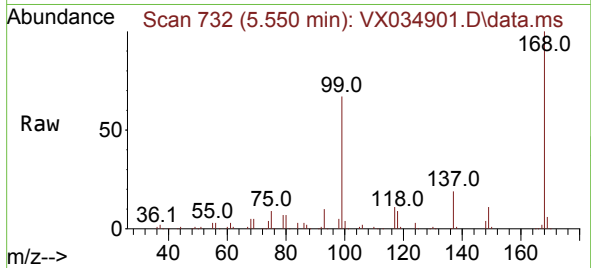




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034901.D
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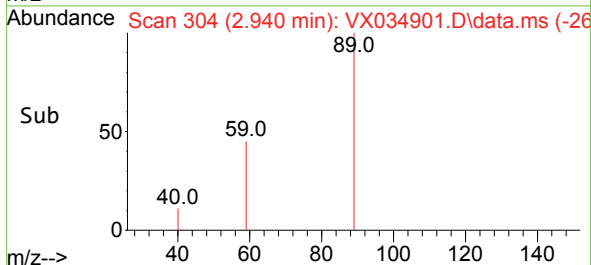
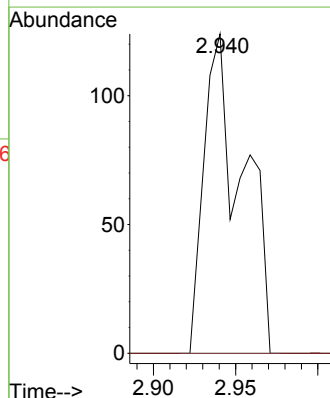
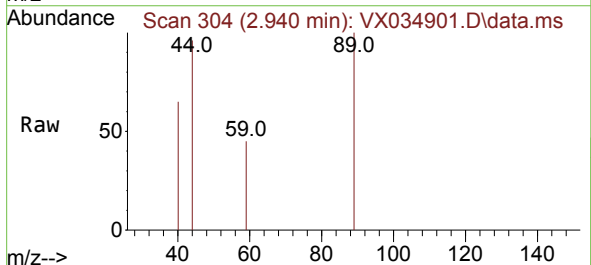
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

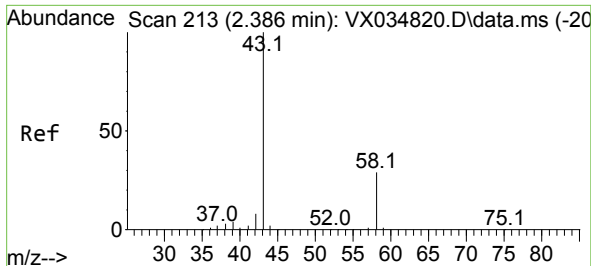
Tgt Ion:168 Resp: 266212
Ion Ratio Lower Upper
168 100
99 67.0 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.284 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

Tgt Ion: 59 Resp: 203
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

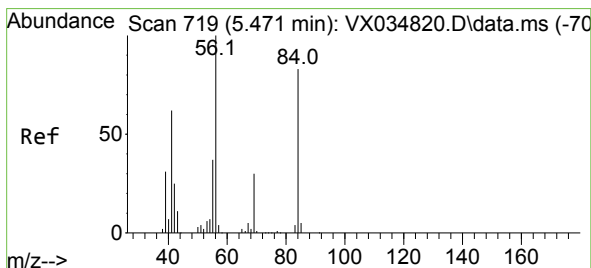
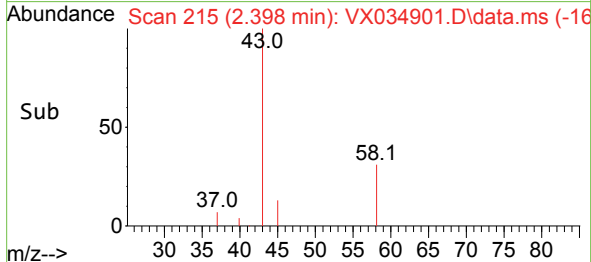
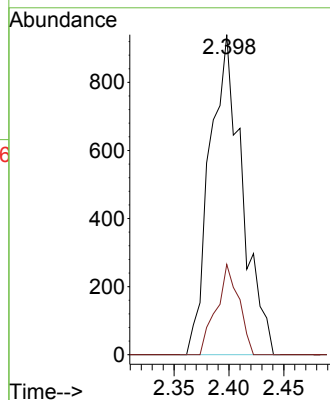
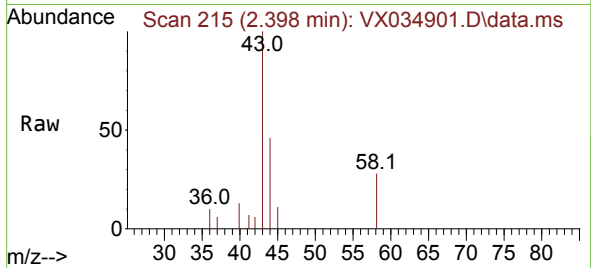




#16
Acetone
Concen: 1.166 ug/l
RT: 2.398 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

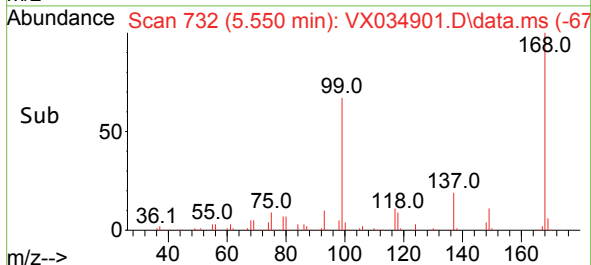
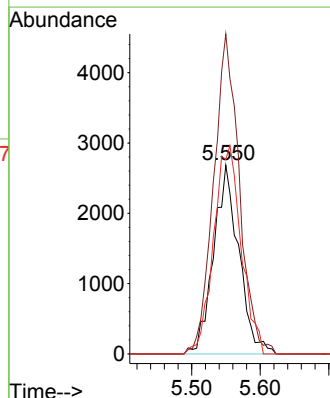
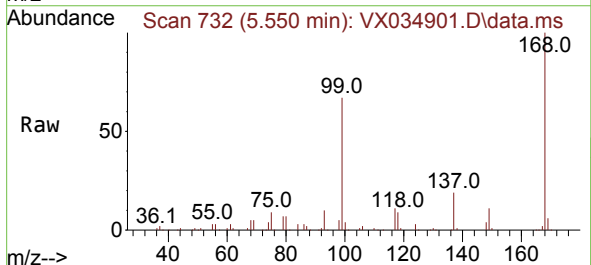
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

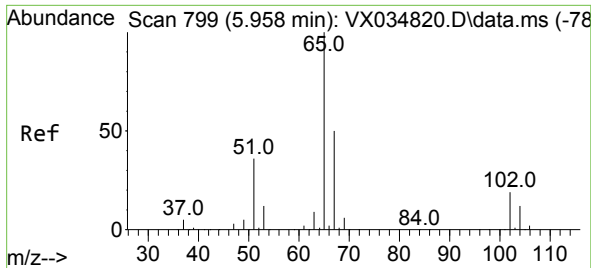
Tgt Ion: 43 Resp: 1929
Ion Ratio Lower Upper
43 100
58 28.2 24.7 37.1



#31
Cyclohexane
Concen: 1.388 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

Tgt Ion: 56 Resp: 6882
Ion Ratio Lower Upper
56 100
69 169.4 23.7 35.5#
84 103.1 68.5 102.7#

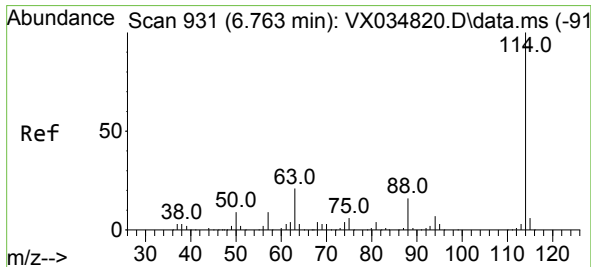
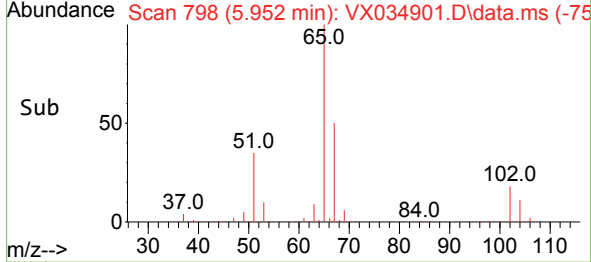
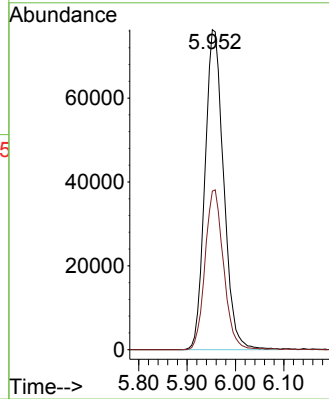
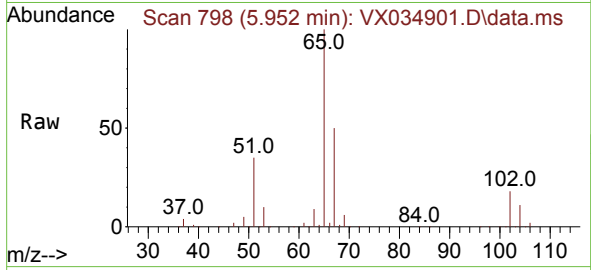




#33
1,2-Dichloroethane-d4
Concen: 50.367 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

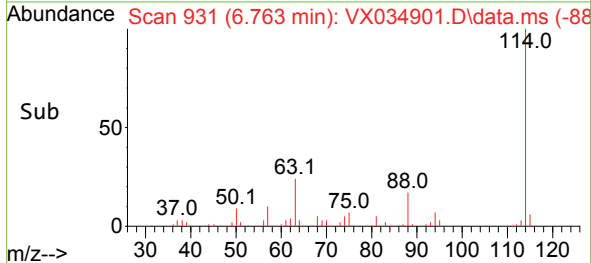
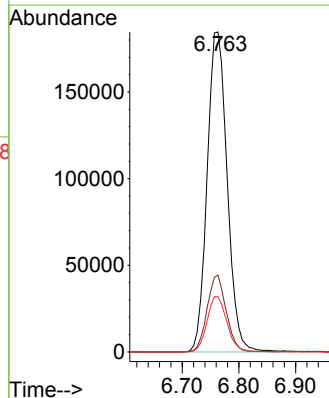
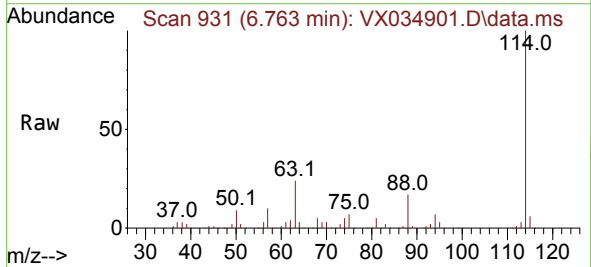
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

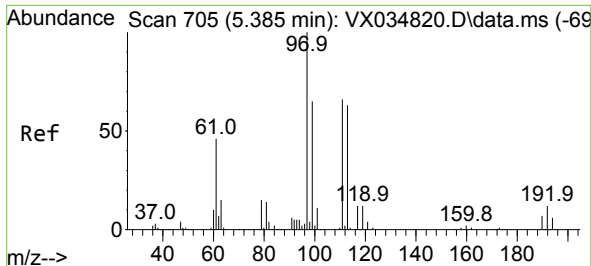
Tgt Ion: 65 Resp: 205062
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

Tgt Ion: 114 Resp: 453468
Ion Ratio Lower Upper
114 100
63 24.0 0.0 42.2
88 17.3 0.0 33.2

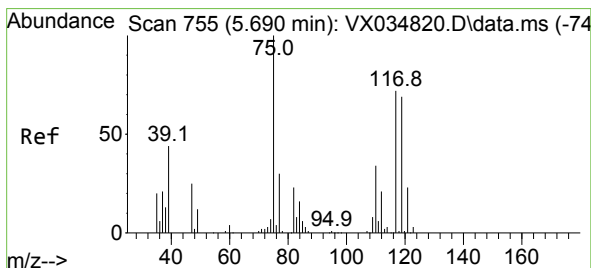
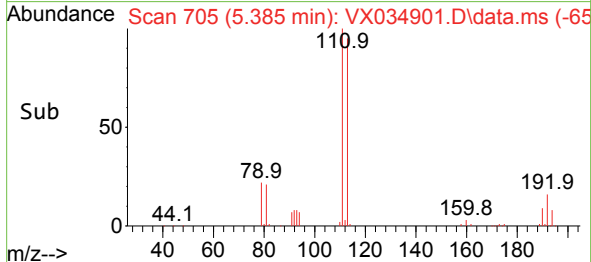
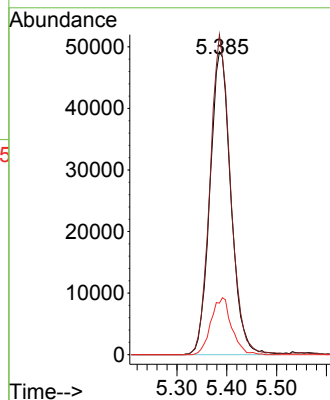
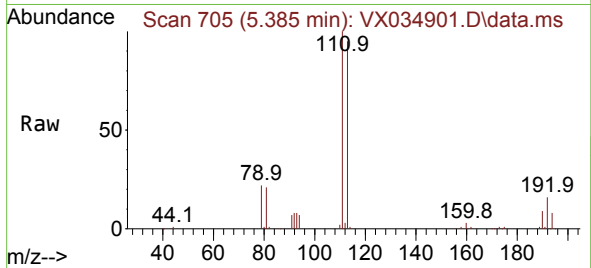




#35
Dibromofluoromethane
Concen: 47.926 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

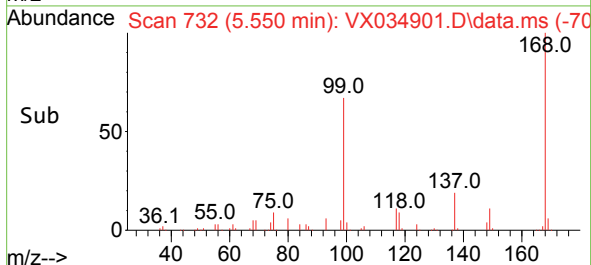
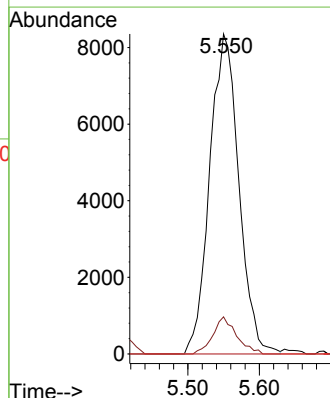
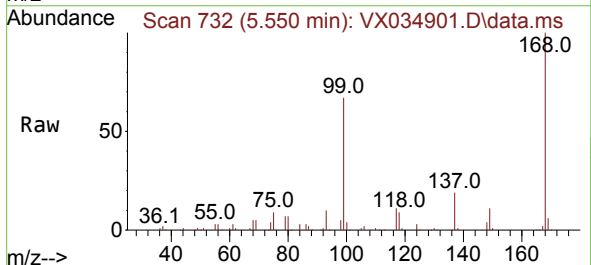
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

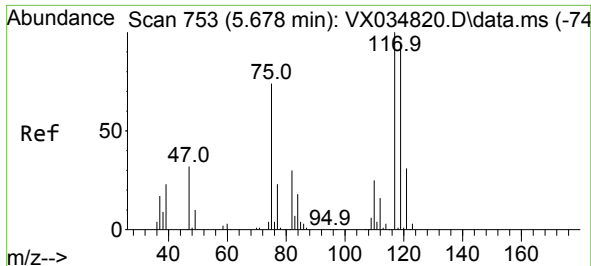
Tgt Ion:113 Resp: 143746
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 18.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.321 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

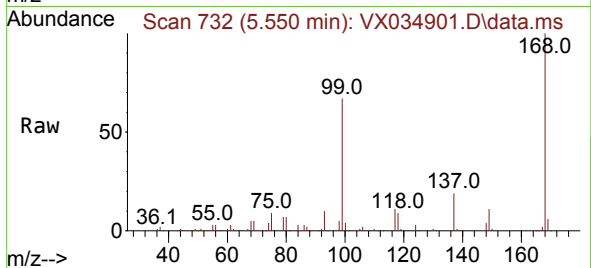
Tgt Ion: 75 Resp: 23644
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



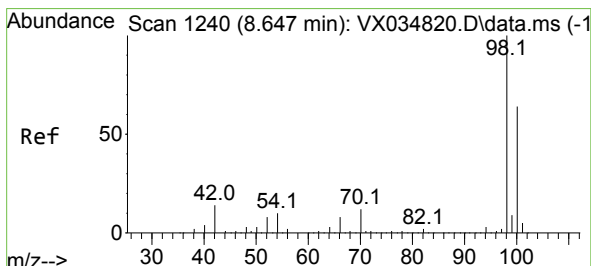
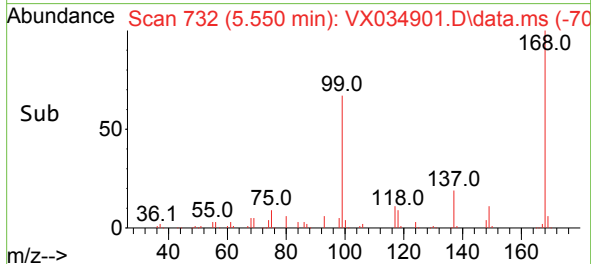
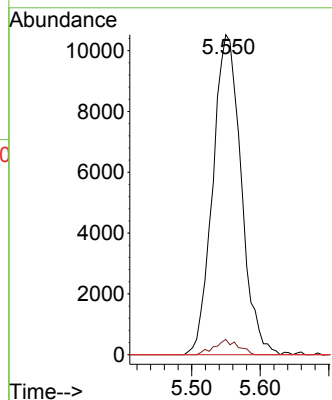


#38
Carbon Tetrachloride
Concen: 7.217 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

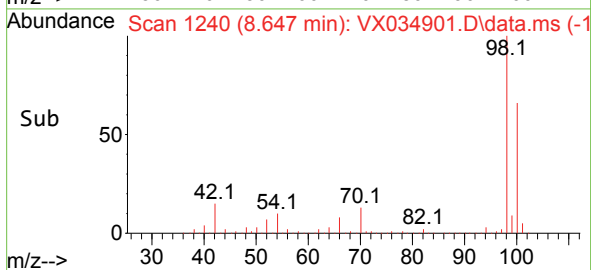
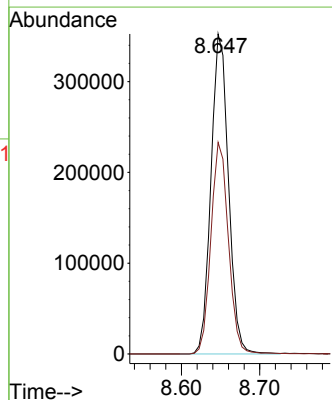
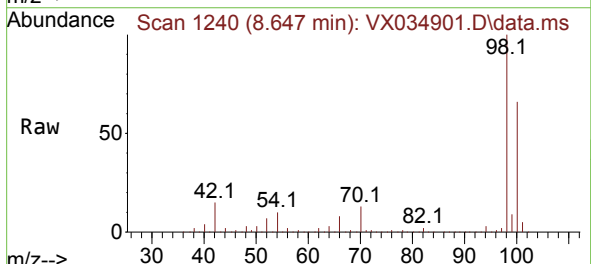


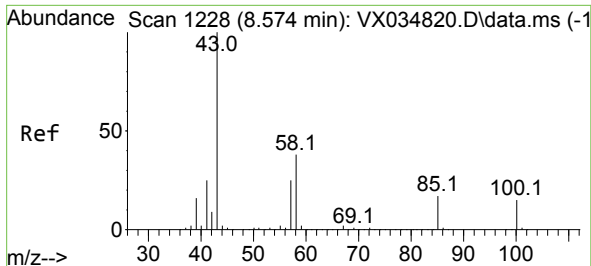
Tgt Ion:117 Resp: 30234
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.339 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

Tgt Ion: 98 Resp: 546222
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.593 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX034901.D

Acq: 01 Apr 2023 04:37

Instrument :

MSVOA_X

ClientSampleId :

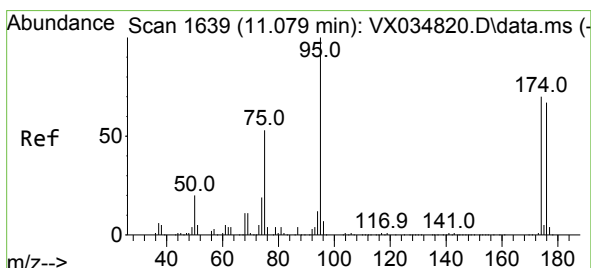
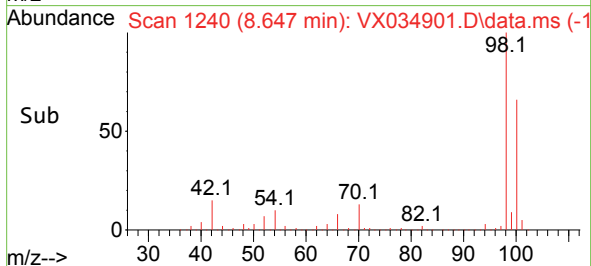
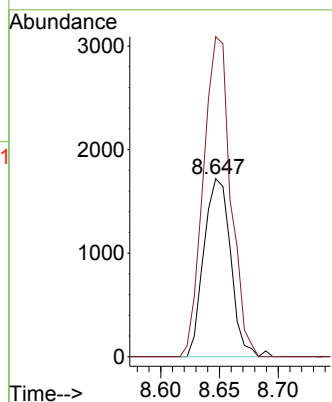
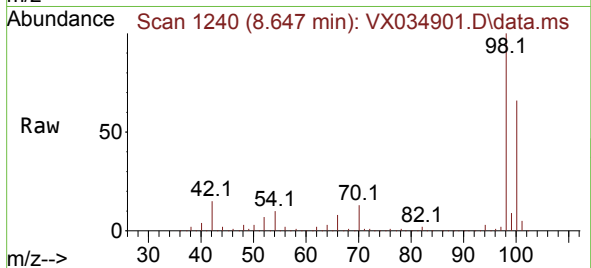
SY-3DD

Tgt Ion: 43 Resp: 2729

Ion Ratio Lower Upper

43 100

58 184.0 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034901.D

Acq: 01 Apr 2023 04:37

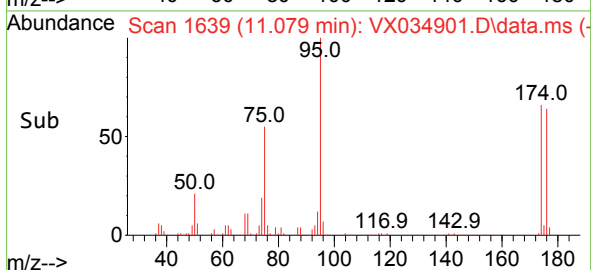
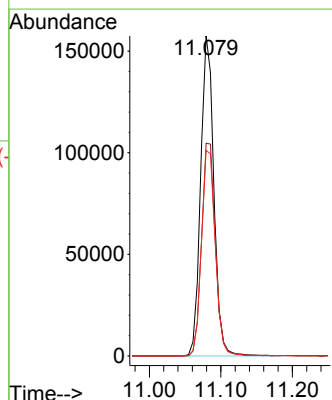
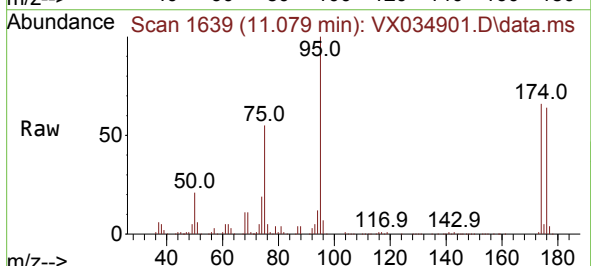
Tgt Ion: 95 Resp: 202020

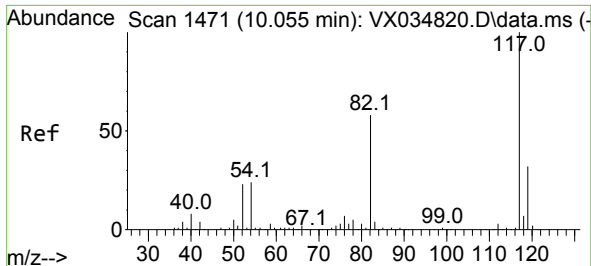
Ion Ratio Lower Upper

95 100

174 69.5 0.0 147.4

176 67.2 0.0 140.6

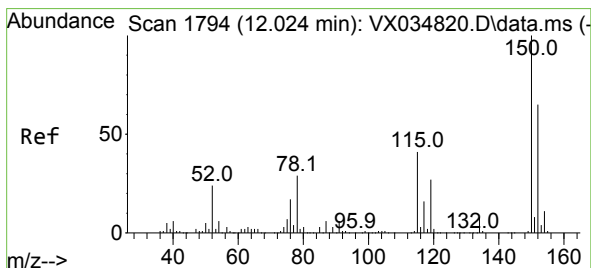
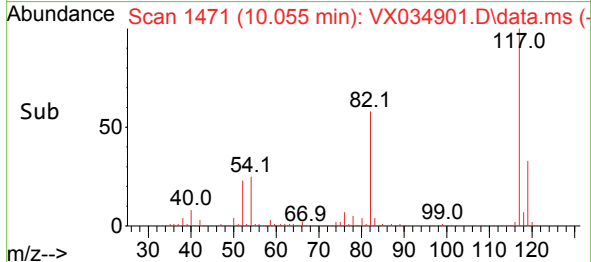
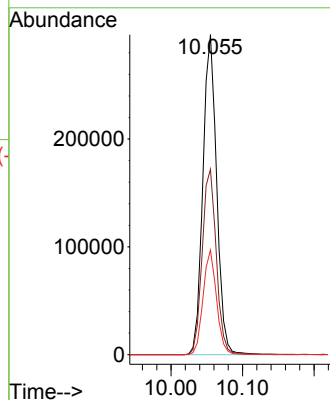
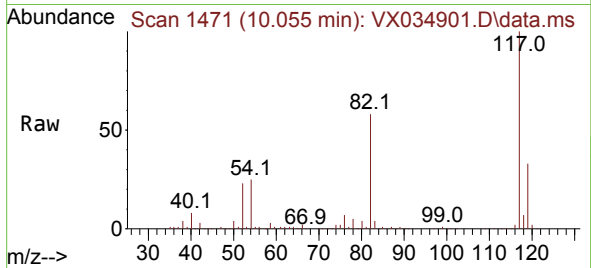




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

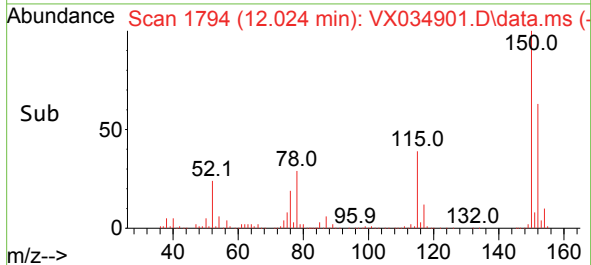
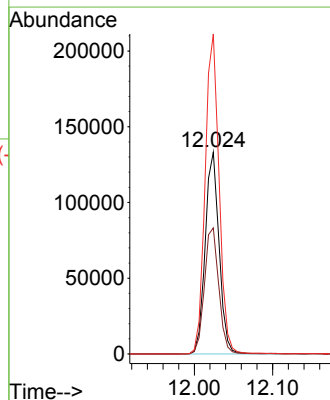
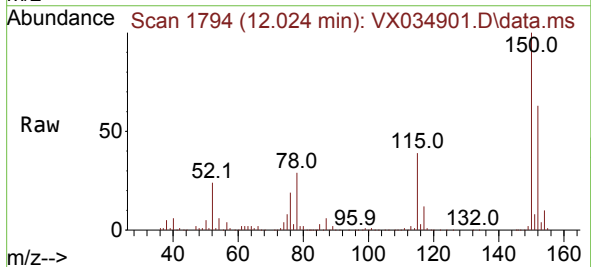
Instrument :
MSVOA_X
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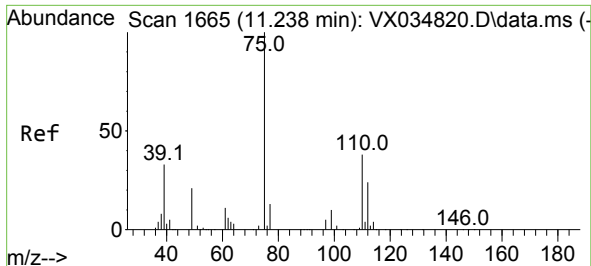
Tgt Ion:117 Resp: 397626
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

Tgt Ion:152 Resp: 164093
Ion Ratio Lower Upper
152 100
115 64.6 45.0 135.0
150 159.0 0.0 352.4

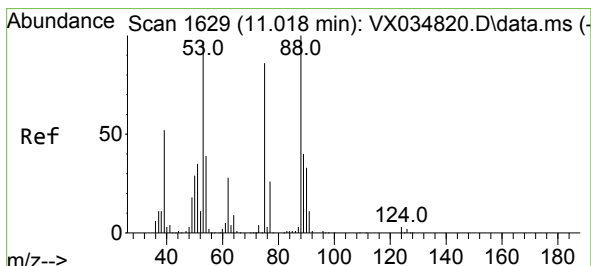
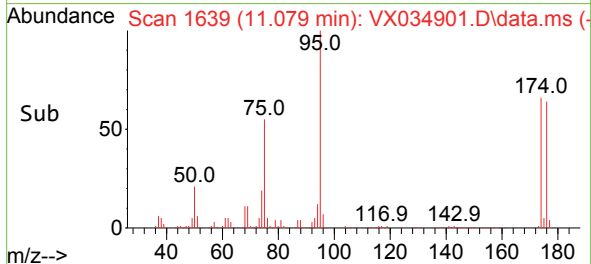
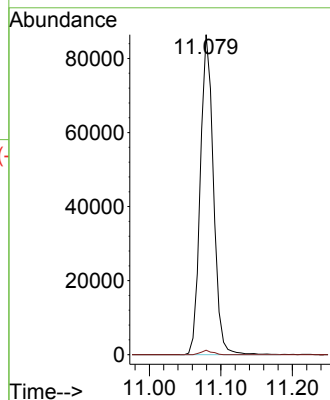
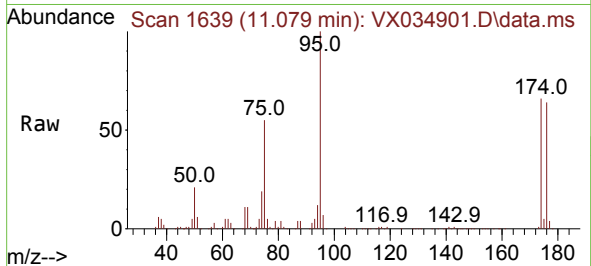




#76
1,2,3-Trichloropropane
Concen: 33.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

Tgt Ion: 75 Resp: 110249
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034901.D
Acq: 01 Apr 2023 04:37

Tgt Ion: 75 Resp: 110249
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

