

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034903.D
 Acq On : 01 Apr 2023 05:23
 Operator : JC/MD
 Sample : 02137-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

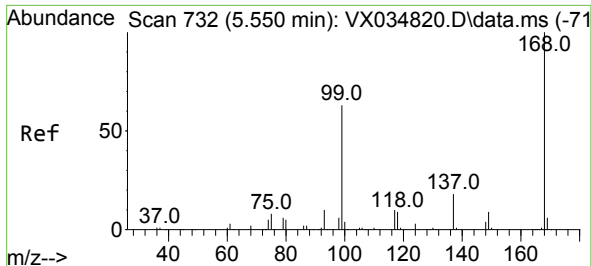
Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2R

Quant Time: Apr 03 03:21:06 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	5.556	168	262608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204563	50.934	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.860%		
35) Dibromofluoromethane	5.385	113	143384	48.101	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.200%		
50) Toluene-d8	8.647	98	537379	48.841	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.680%		
62) 4-Bromofluorobenzene	11.079	95	192764	45.274	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.540%		
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	749	0.228	ug/l	93
16) Acetone	2.386	43	1432	0.878	ug/l #	77
31) Cyclohexane	5.544	56	6669	1.364	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	24002	5.435	ug/l #	51
38) Carbon Tetrachloride	5.550	117	29957	7.195	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2788	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	106532	32.823	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	106532	98.368	ug/l #	8

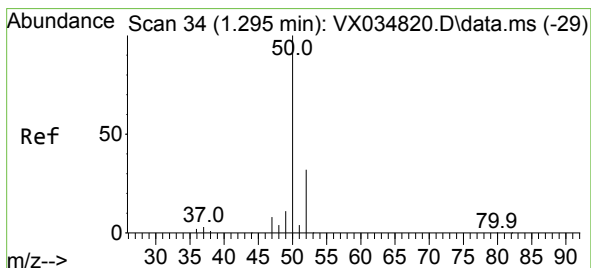
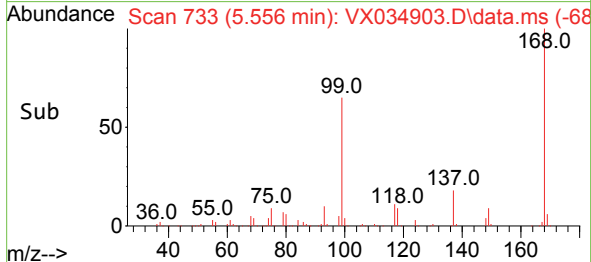
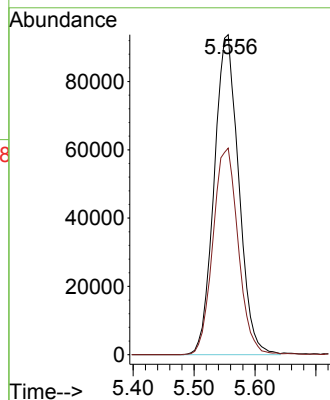
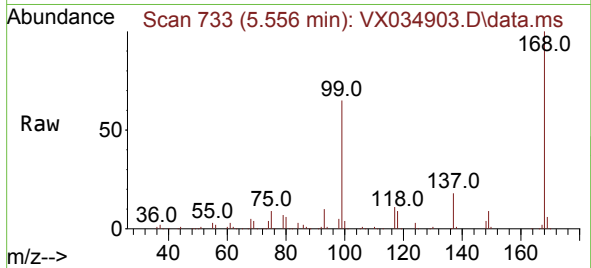
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

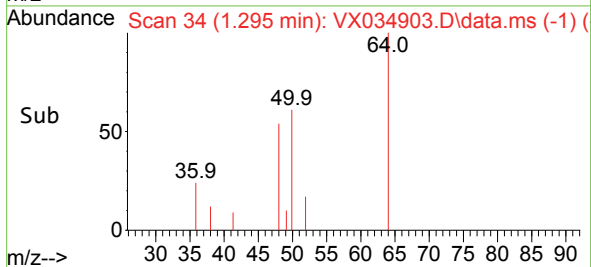
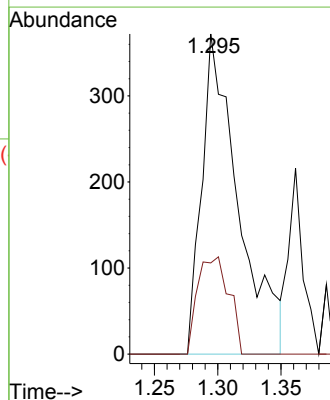
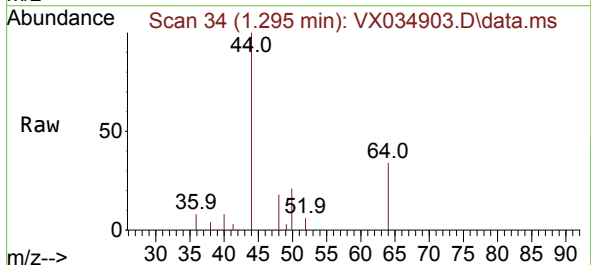
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

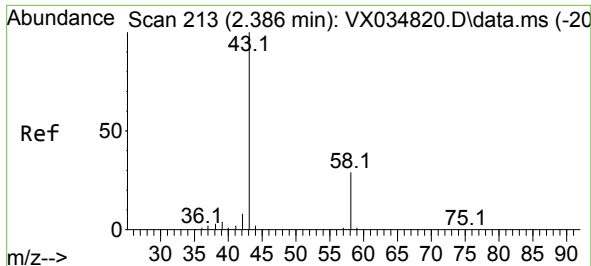
Tgt Ion:168 Resp: 262608
Ion Ratio Lower Upper
168 100
99 64.5 45.7 68.5



#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 28.5 25.9 38.9

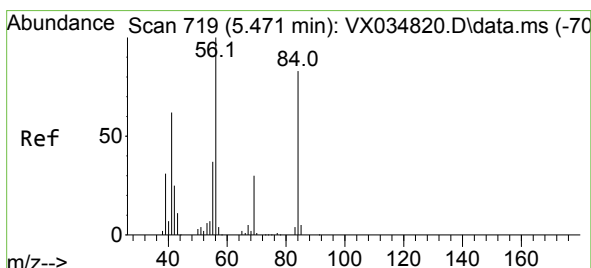
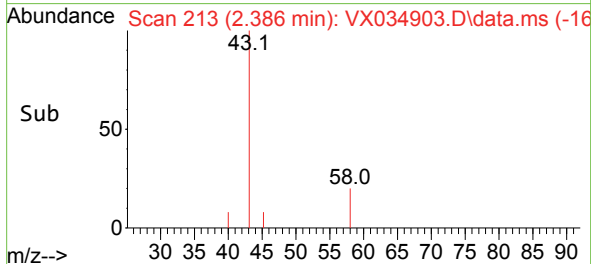
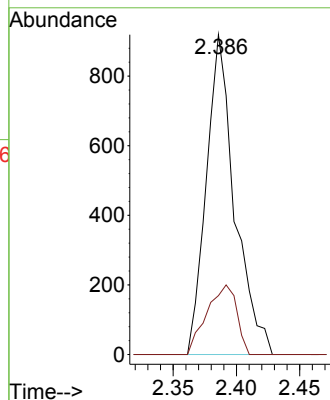
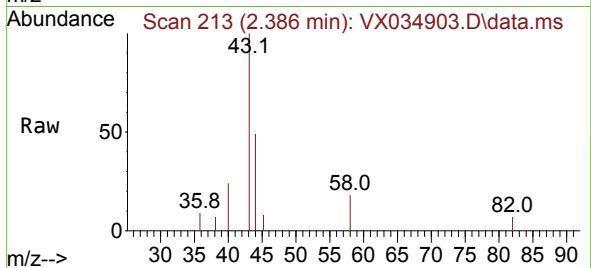




#16
Acetone
Concen: 0.878 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

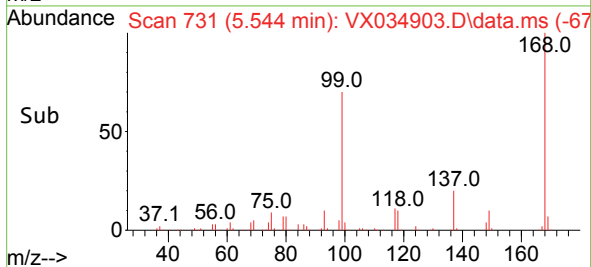
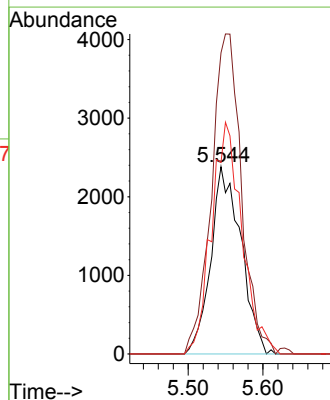
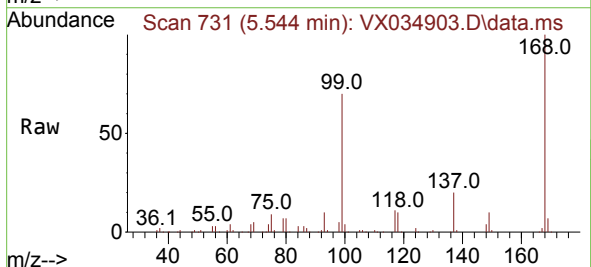
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

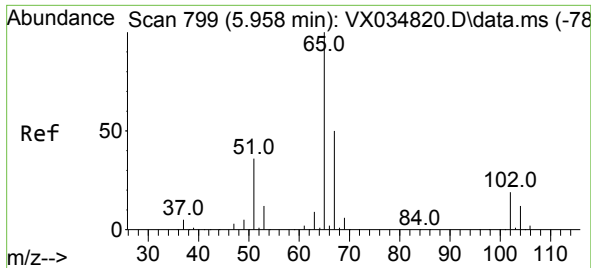
Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
58 18.4 24.7 37.1#



#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

Tgt Ion: 56 Resp: 6669
Ion Ratio Lower Upper
56 100
69 160.9 23.7 35.5#
84 102.3 68.5 102.7

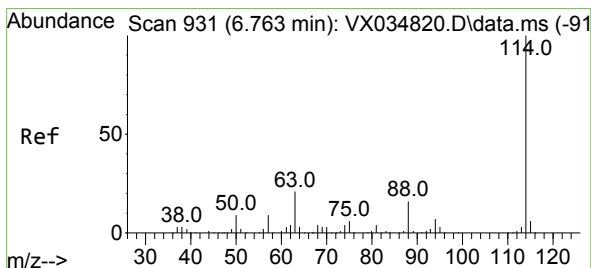
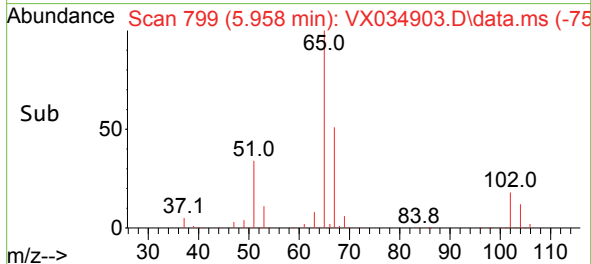
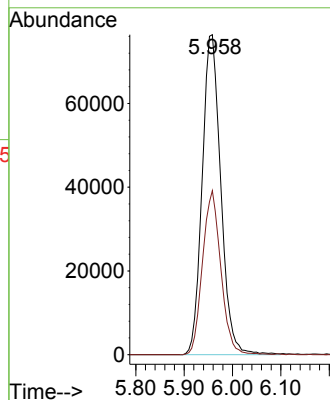
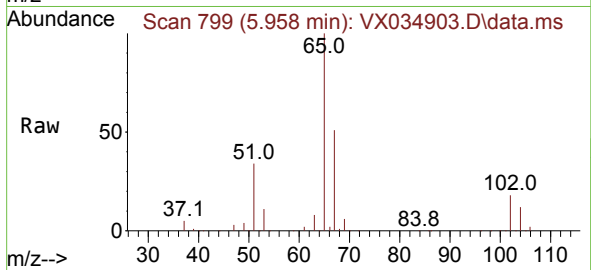




#33
 1,2-Dichloroethane-d4
 Concen: 50.934 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX034903.D
 Acq: 01 Apr 2023 05:23

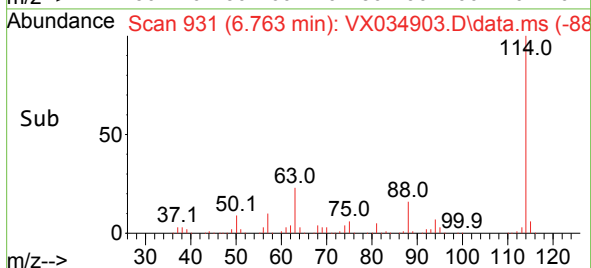
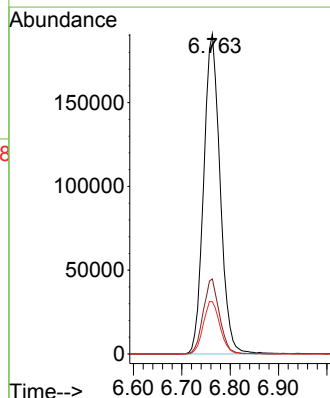
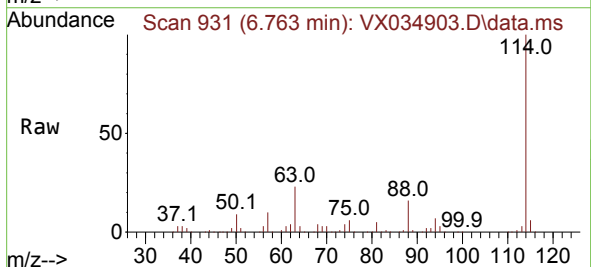
Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2R

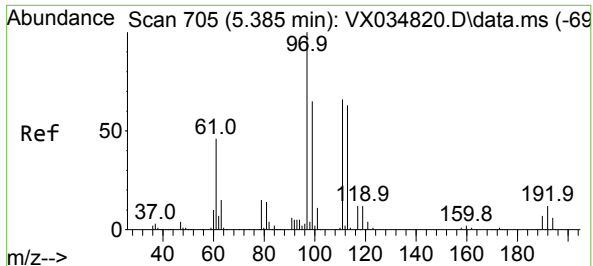
Tgt Ion: 65 Resp: 204563
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX034903.D
 Acq: 01 Apr 2023 05:23

Tgt Ion: 114 Resp: 450682
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 42.2
 88 16.3 0.0 33.2

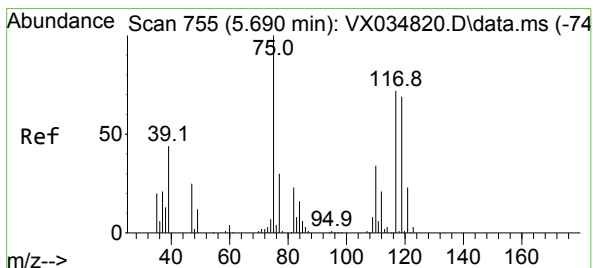
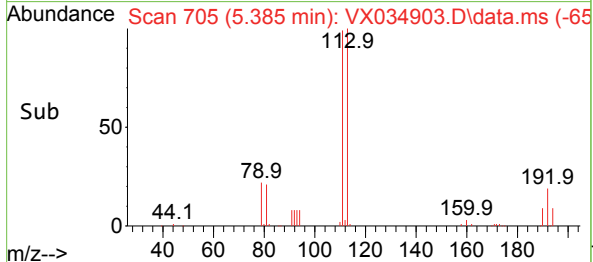
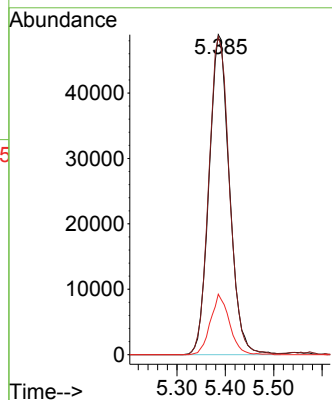
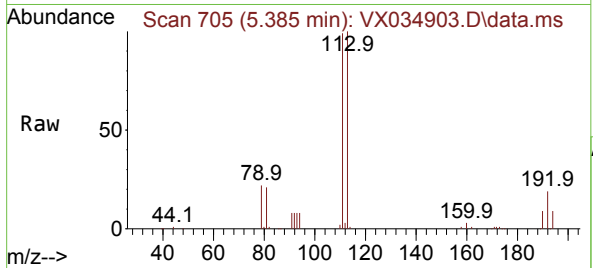




#35
Dibromofluoromethane
Concen: 48.101 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

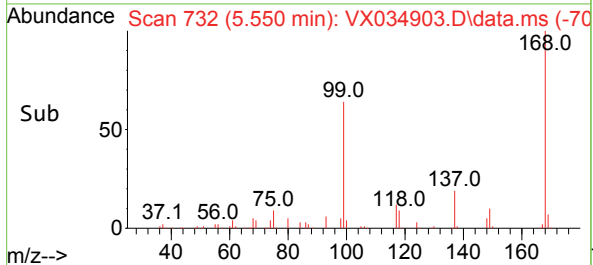
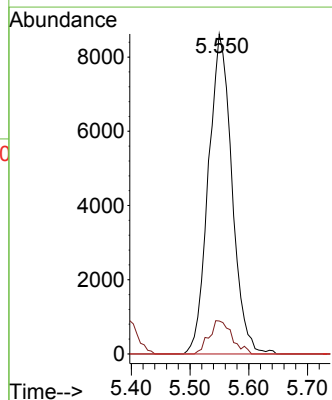
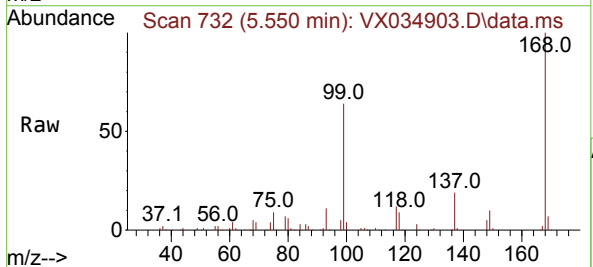
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

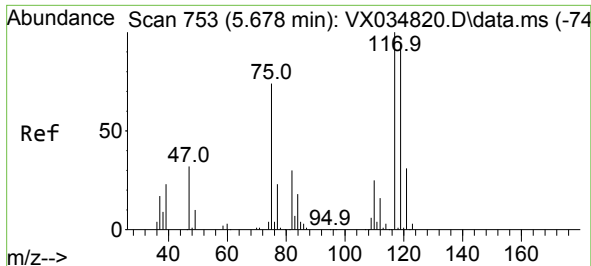
Tgt Ion:113 Resp: 143384
Ion Ratio Lower Upper
113 100
111 100.9 83.7 125.5
192 17.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.435 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

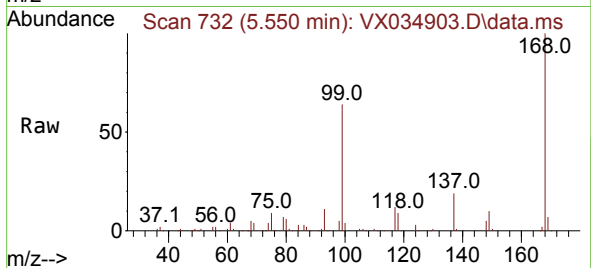
Tgt Ion: 75 Resp: 24002
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#



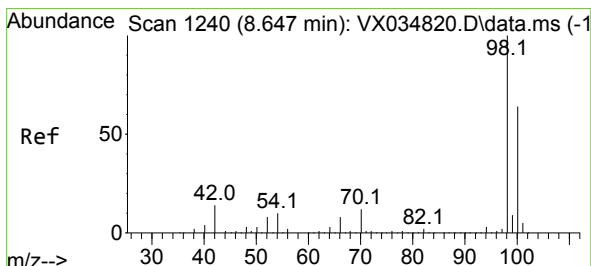
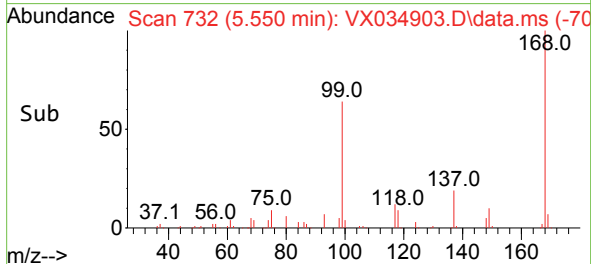
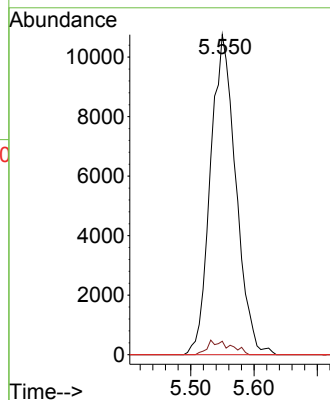


#38
Carbon Tetrachloride
Concen: 7.195 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

Instrument :
MSVOA_X
ClientSampleId :
SY-2R

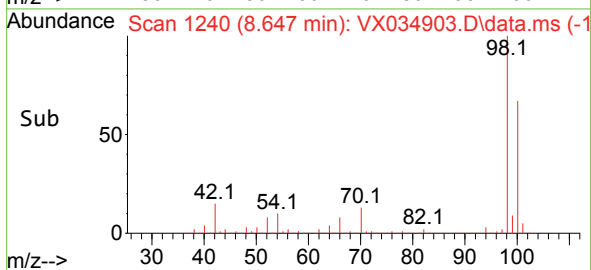
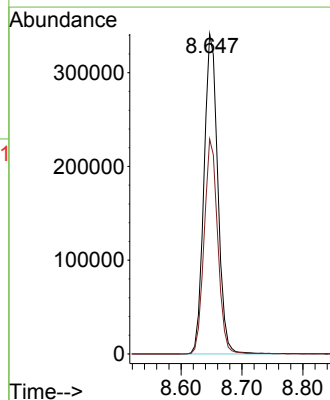
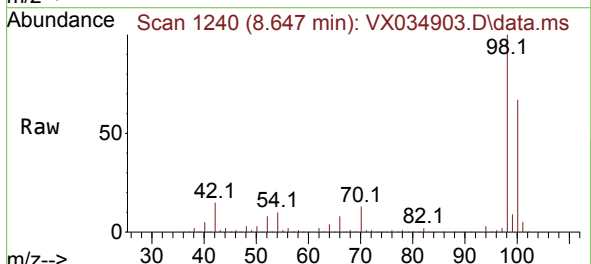


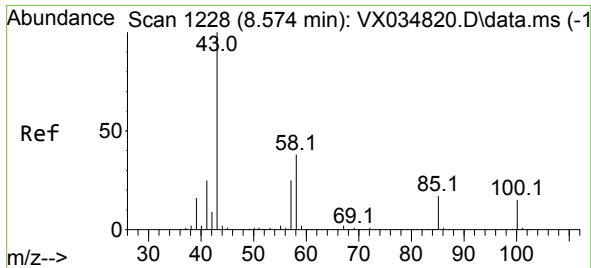
Tgt Ion:117 Resp: 29957
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.841 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

Tgt Ion: 98 Resp: 537379
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

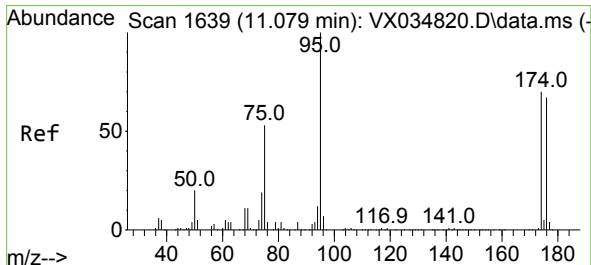
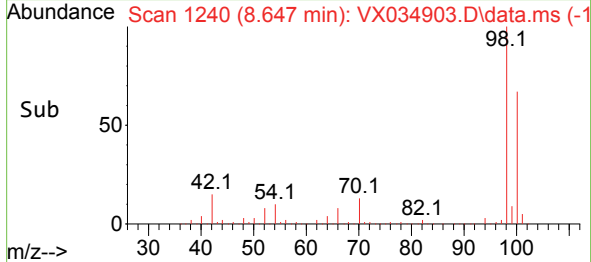
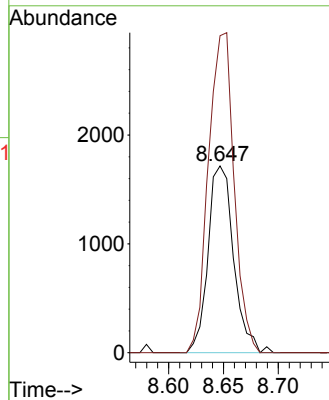
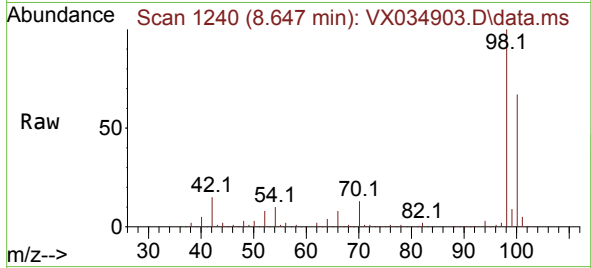




#51
 4-Methyl-2-Pentanone
 Concen: 0.610 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX034903.D
 Acq: 01 Apr 2023 05:23

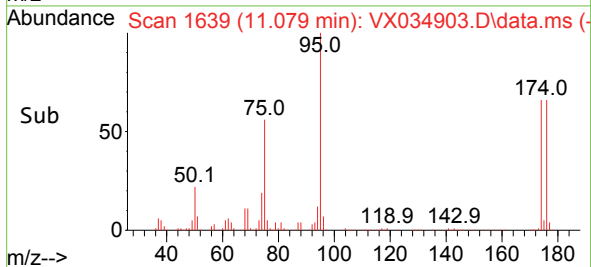
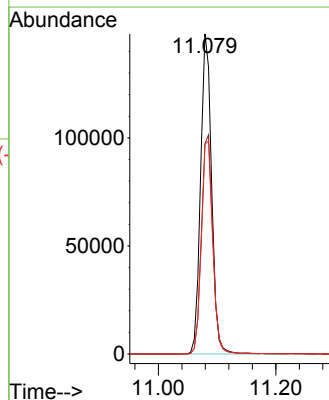
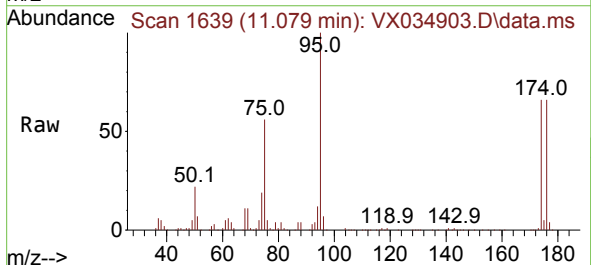
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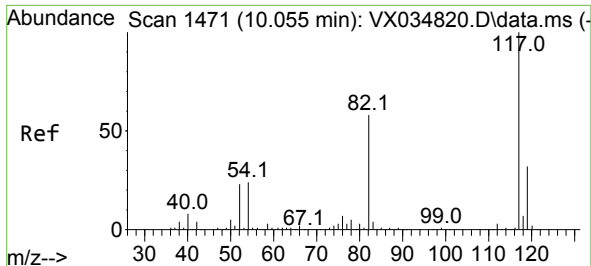
Tgt Ion: 43 Resp: 2788
 Ion Ratio Lower Upper
 43 100
 58 171.9 30.6 46.0#



#62
 4-Bromofluorobenzene
 Concen: 45.274 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX034903.D
 Acq: 01 Apr 2023 05:23

Tgt Ion: 95 Resp: 192764
 Ion Ratio Lower Upper
 95 100
 174 70.3 0.0 147.4
 176 68.2 0.0 140.6

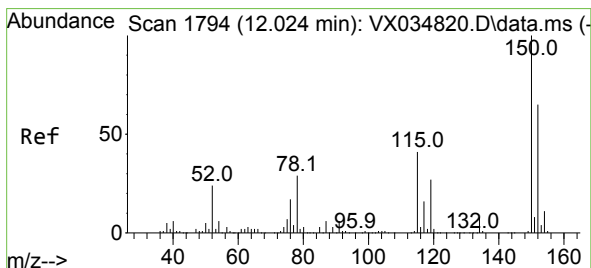
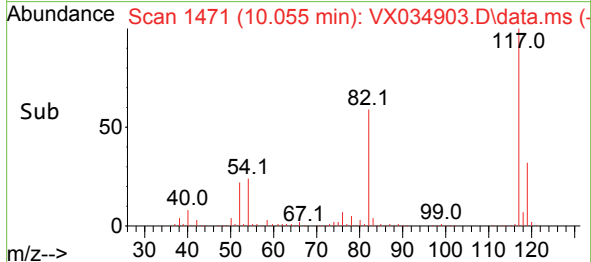
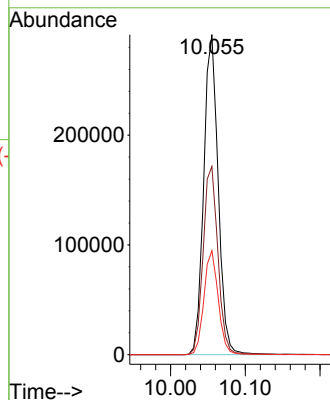
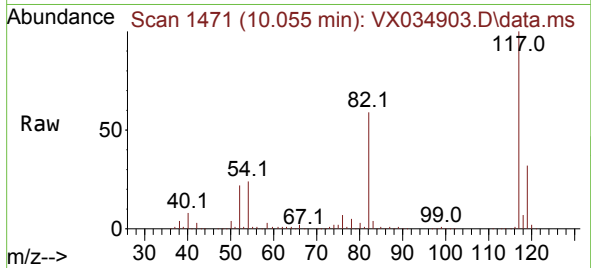




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

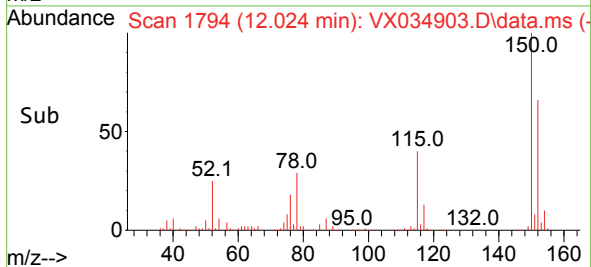
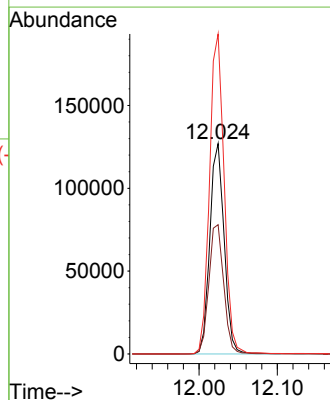
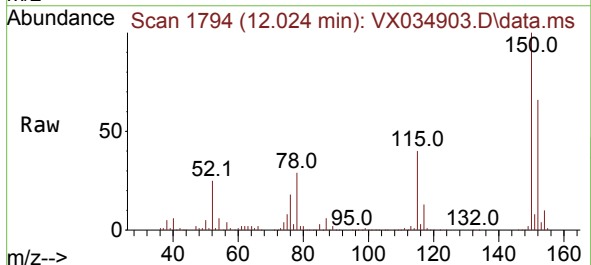
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

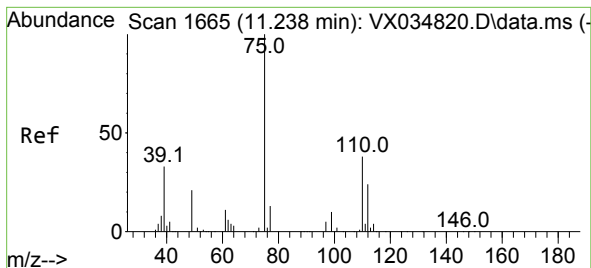
Tgt Ion:117 Resp: 391873
Ion Ratio Lower Upper
117 100
82 58.8 45.0 67.4
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034903.D
Acq: 01 Apr 2023 05:23

Tgt Ion:152 Resp: 161081
Ion Ratio Lower Upper
152 100
115 63.8 45.0 135.0
150 154.8 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 32.823 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034903.D

Acq: 01 Apr 2023 05:23

Instrument :

MSVOA_X

ClientSampleId :

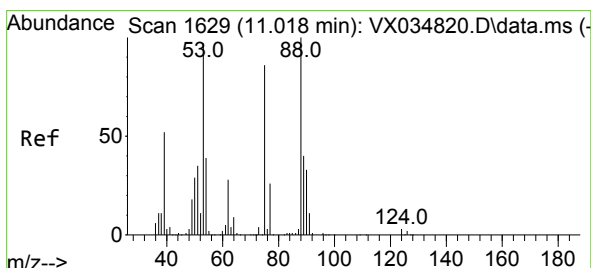
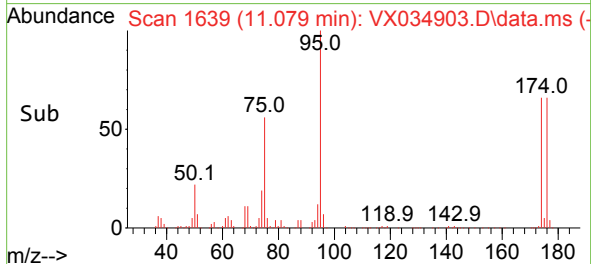
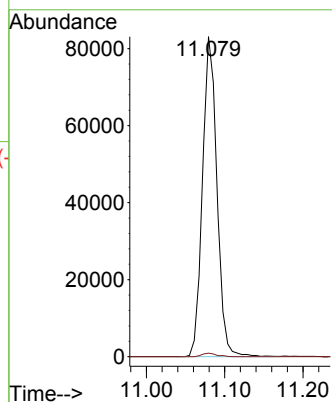
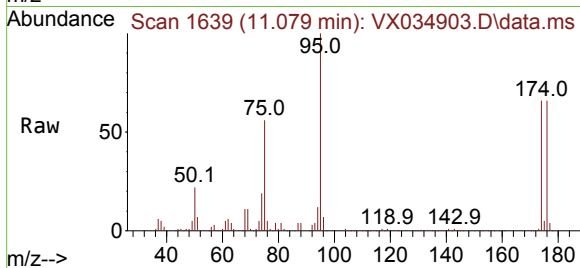
SY-2R

Tgt Ion: 75 Resp: 106532

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 98.368 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034903.D

Acq: 01 Apr 2023 05:23

Tgt Ion: 75 Resp: 106532

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

