

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034902.D
 Acq On : 01 Apr 2023 05:00
 Operator : JC/MD
 Sample : 02137-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3D

Quant Time: Apr 03 03:20:45 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)

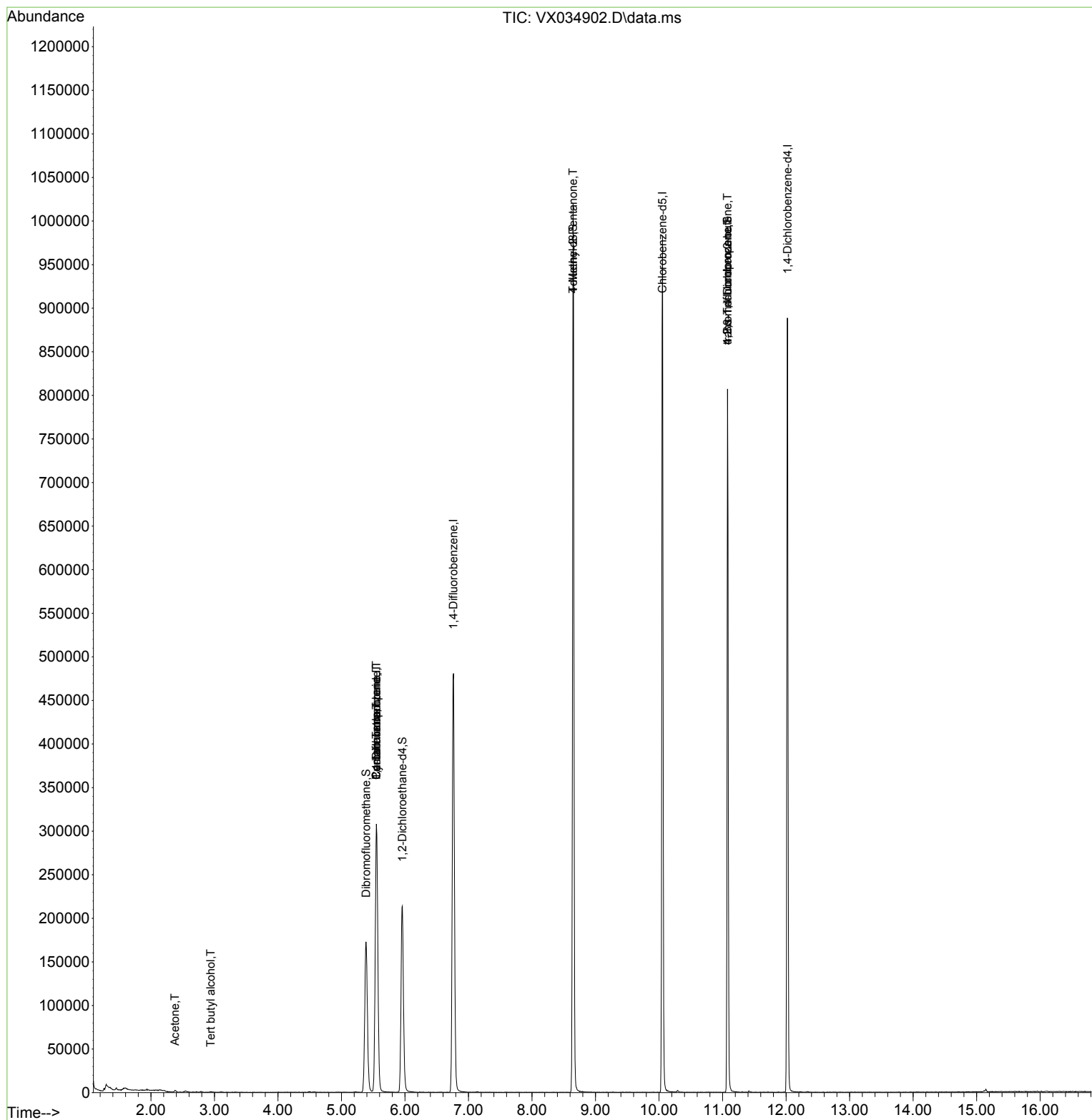
Internal Standards						
1) Pentafluorobenzene	5.550	168	272336	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	468064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	417799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214117	51.409	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.820%		
35) Dibromofluoromethane	5.385	113	147935	47.785	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.560%		
50) Toluene-d8	8.647	98	566486	49.574	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.140%		
62) 4-Bromofluorobenzene	11.079	95	212241	47.997	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.000%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.940	59	786	1.076	ug/l #	73
16) Acetone	2.380	43	2182	1.290	ug/l #	86
31) Cyclohexane	5.550	56	6934	1.367	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	24079	5.250	ug/l #	50
38) Carbon Tetrachloride	5.550	117	29611	6.848	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2925	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	114290	31.261	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	114290	93.686	ug/l #	8

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-3D

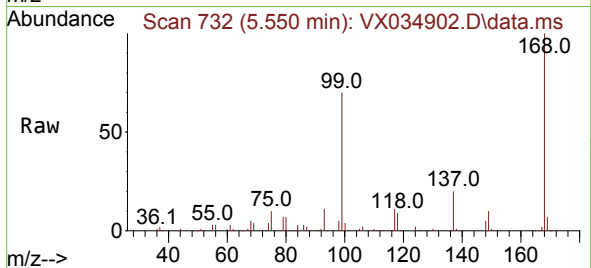
Quant Time: Apr 03 03:20:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



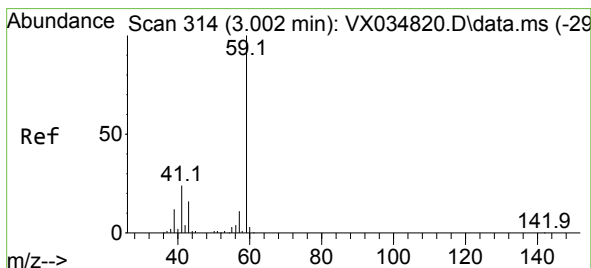
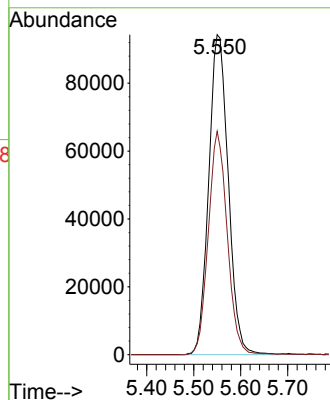
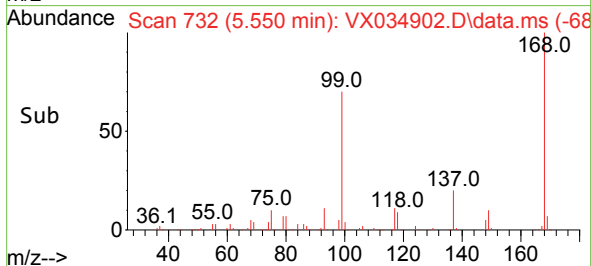


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034902.D
Acq: 01 Apr 2023 05:00

Instrument :
MSVOA_X
ClientSampleId :
SY-3D

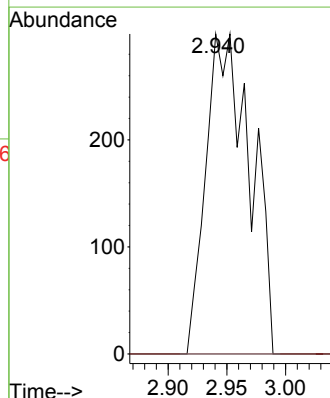
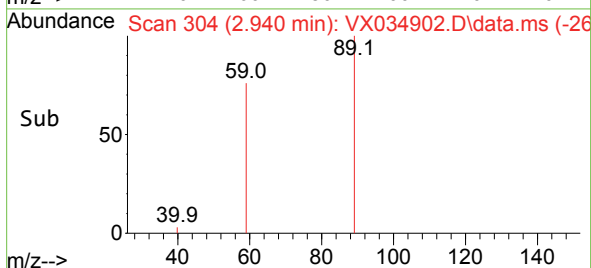
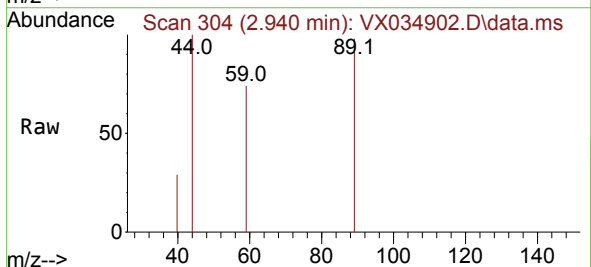


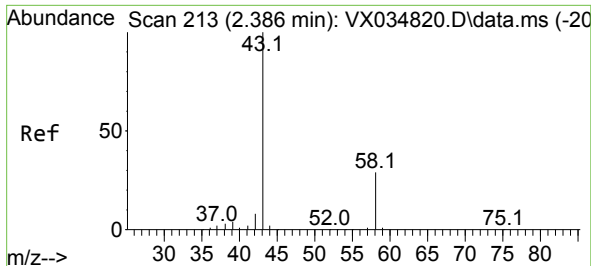
Tgt Ion:168 Resp: 272336
Ion Ratio Lower Upper
168 100
99 69.8 45.7 68.5#



#11
Tert butyl alcohol
Concen: 1.076 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX034902.D
Acq: 01 Apr 2023 05:00

Tgt Ion: 59 Resp: 786
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

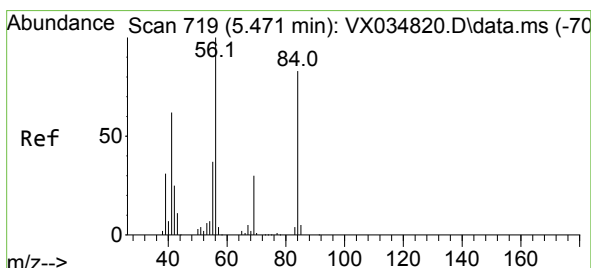
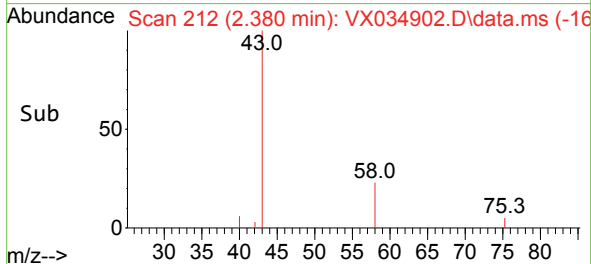
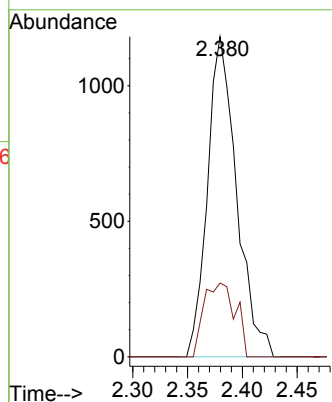
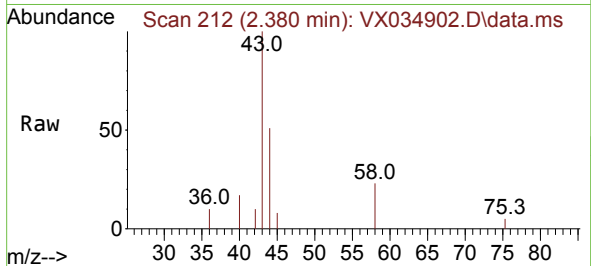




#16
Acetone
Concen: 1.290 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX034902.D
Acq: 01 Apr 2023 05:00

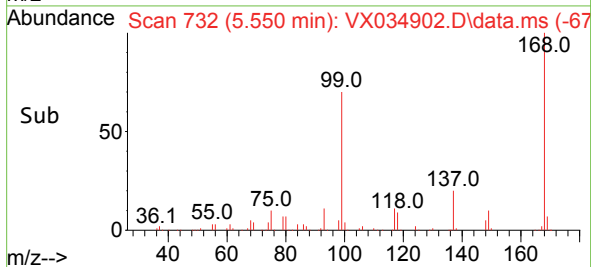
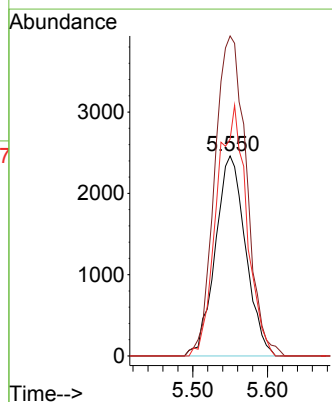
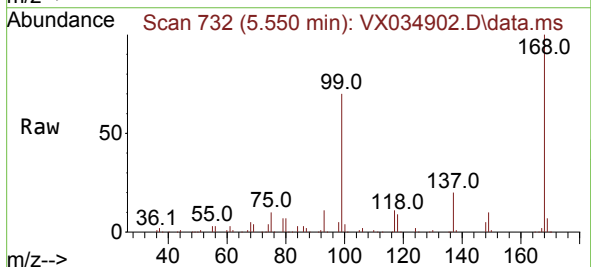
Instrument :
MSVOA_X
ClientSampleId :
SY-3D

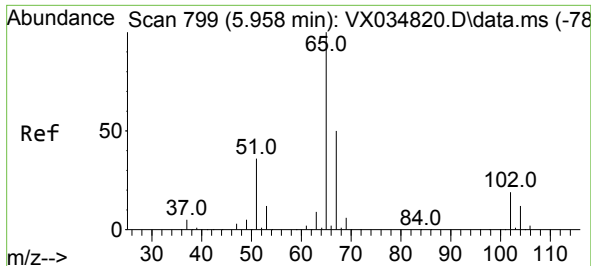
Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
58 23.0 24.7 37.1#



#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034902.D
Acq: 01 Apr 2023 05:00

Tgt Ion: 56 Resp: 6934
Ion Ratio Lower Upper
56 100
69 160.0 23.7 35.5#
84 108.4 68.5 102.7#

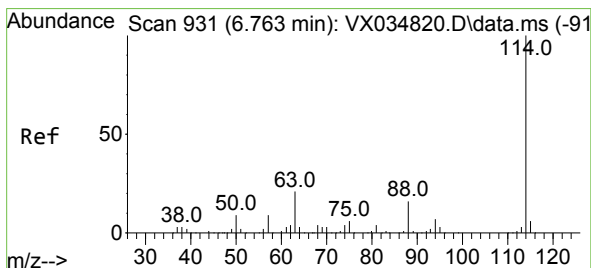
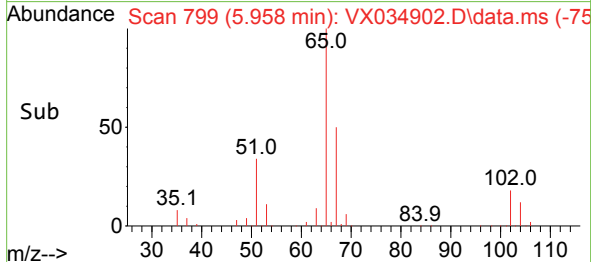
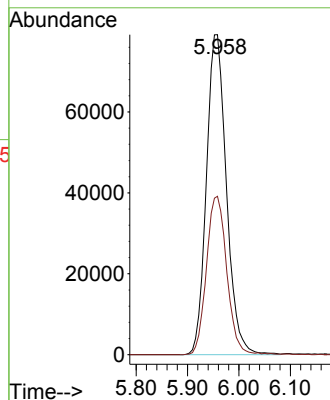
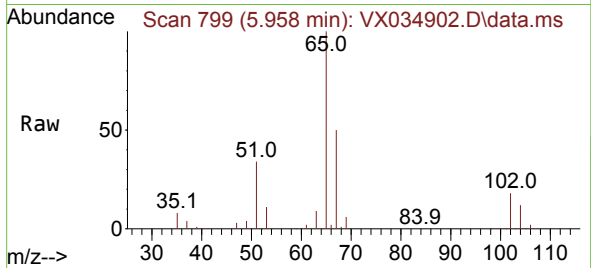




#33
 1,2-Dichloroethane-d4
 Concen: 51.409 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX034902.D
 Acq: 01 Apr 2023 05:00

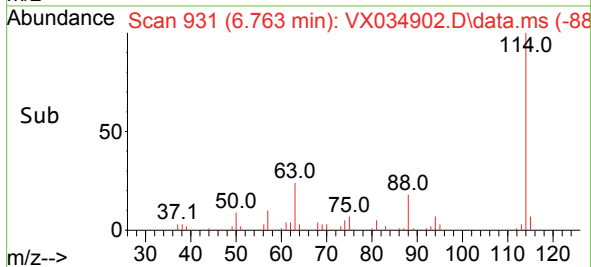
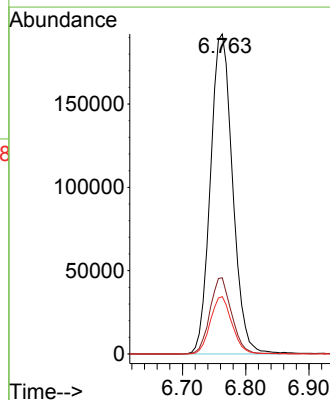
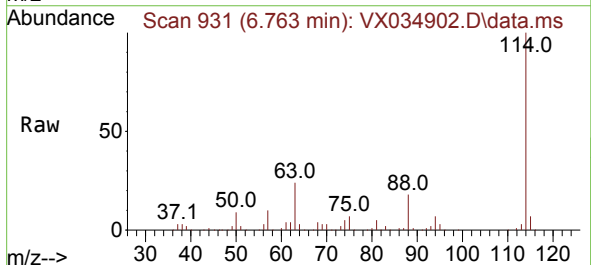
Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3D

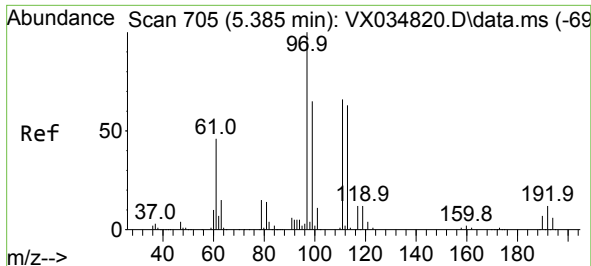
Tgt Ion: 65 Resp: 214117
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034902.D
 Acq: 01 Apr 2023 05:00

Tgt Ion:114 Resp: 468064
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 42.2
 88 17.9 0.0 33.2

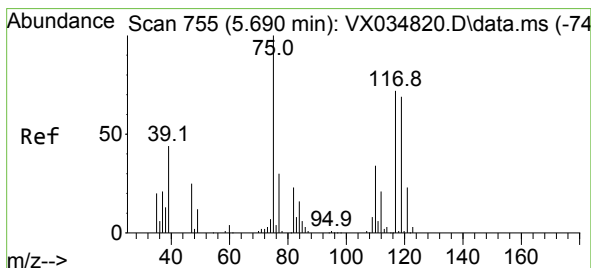
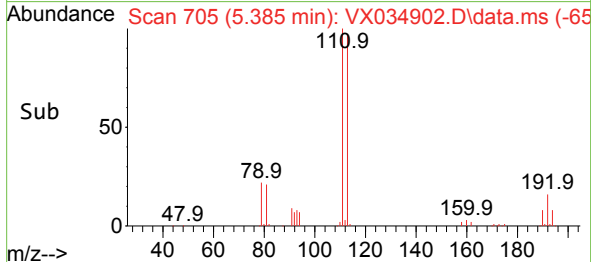
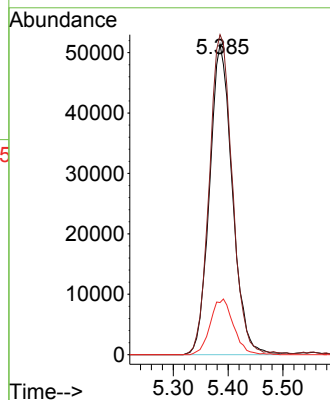
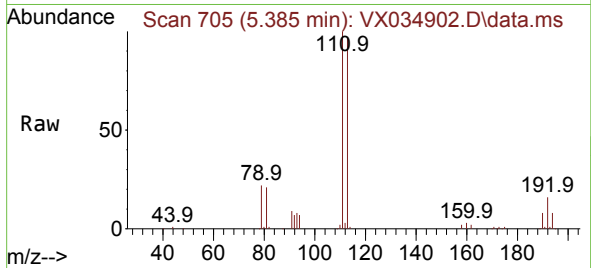




#35
Dibromofluoromethane
Concen: 47.785 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034902.D
Acq: 01 Apr 2023 05:00

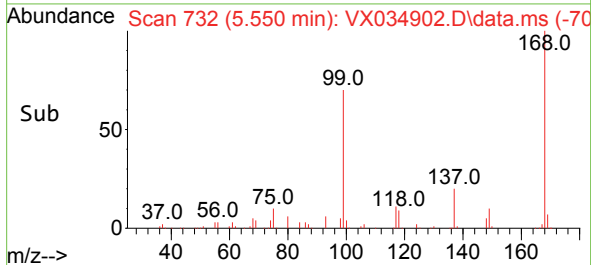
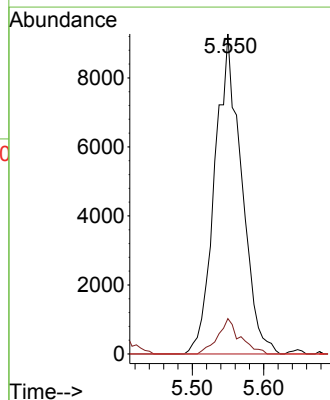
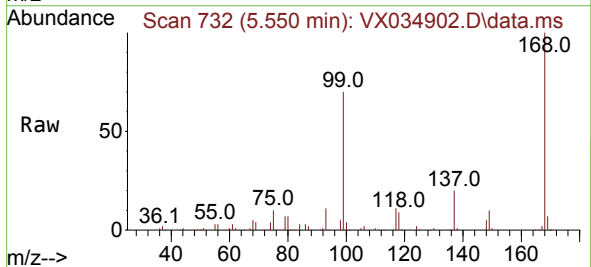
Instrument :
MSVOA_X
ClientSampleId :
SY-3D

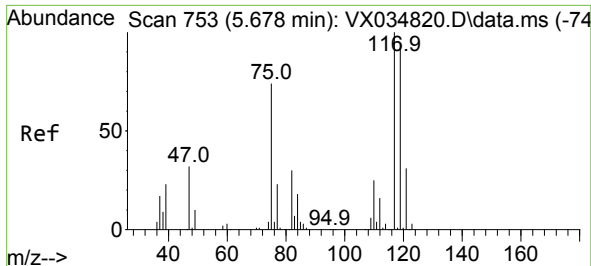
Tgt Ion:113 Resp: 147935
Ion Ratio Lower Upper
113 100
111 104.8 83.7 125.5
192 18.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.250 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034902.D
Acq: 01 Apr 2023 05:00

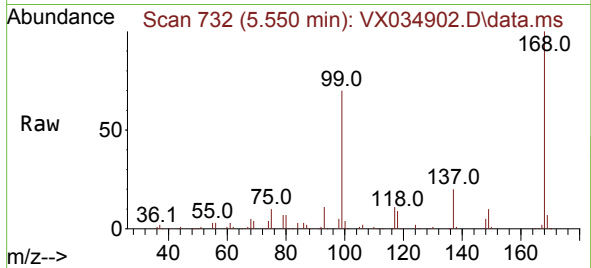
Tgt Ion: 75 Resp: 24079
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



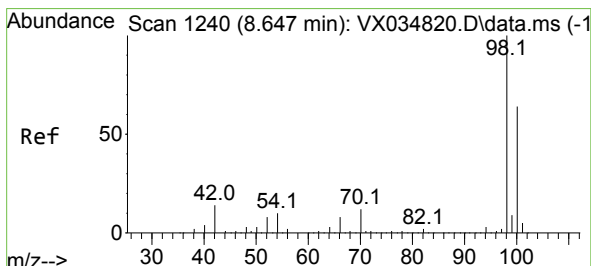
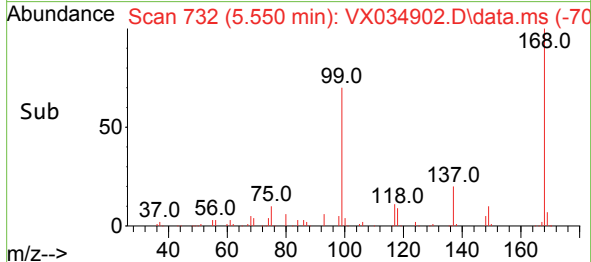
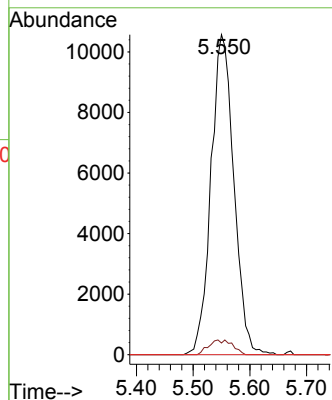


#38
Carbon Tetrachloride
Concen: 6.848 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034902.D
Acq: 01 Apr 2023 05:00

Instrument :
MSVOA_X
ClientSampleId :
SY-3D

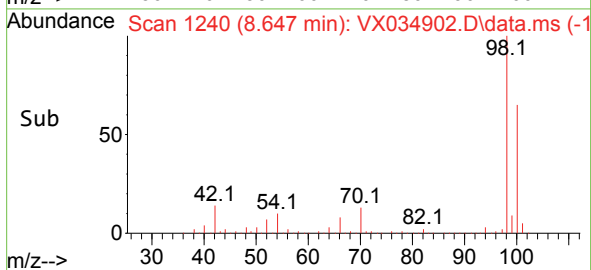
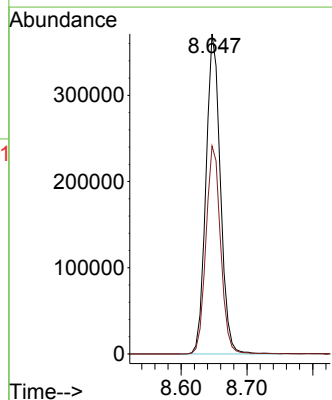
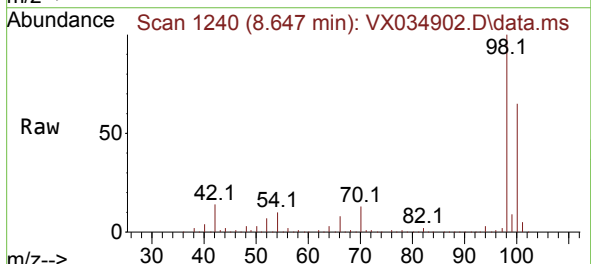


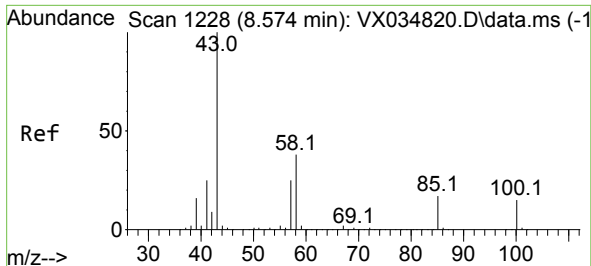
Tgt Ion:117 Resp: 29611
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.574 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034902.D
Acq: 01 Apr 2023 05:00

Tgt Ion: 98 Resp: 566486
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.616 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX034902.D

Acq: 01 Apr 2023 05:00

Instrument :

MSVOA_X

ClientSampleId :

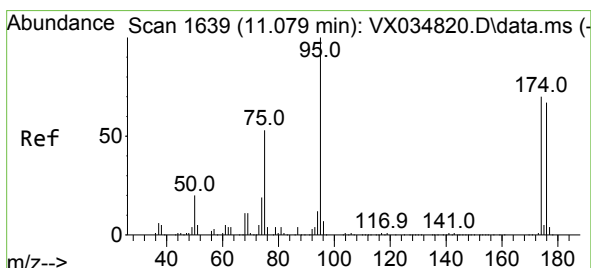
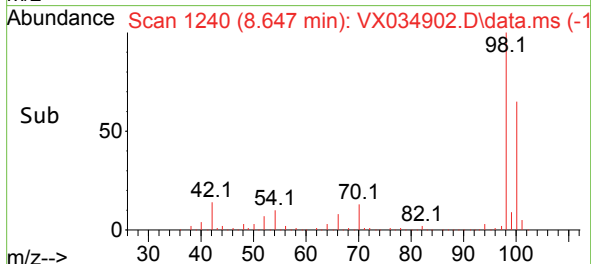
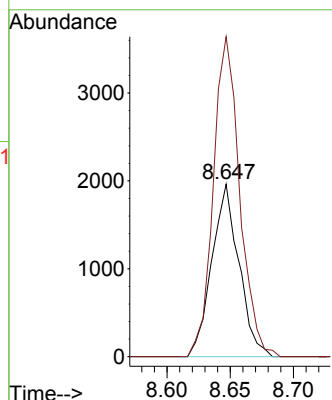
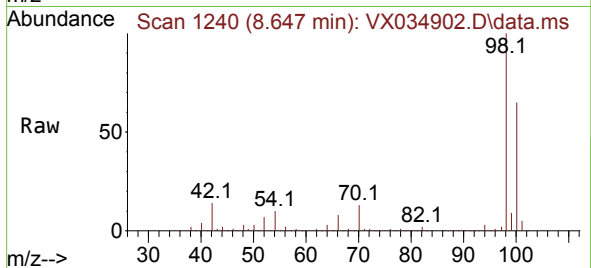
SY-3D

Tgt Ion: 43 Resp: 2925

Ion Ratio Lower Upper

43 100

58 180.7 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.997 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034902.D

Acq: 01 Apr 2023 05:00

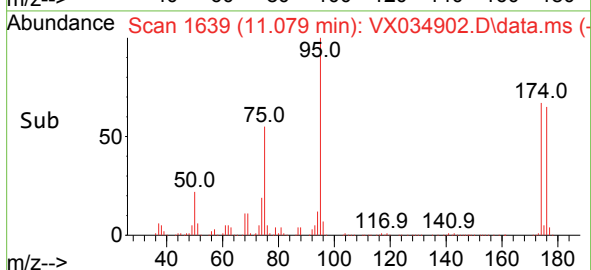
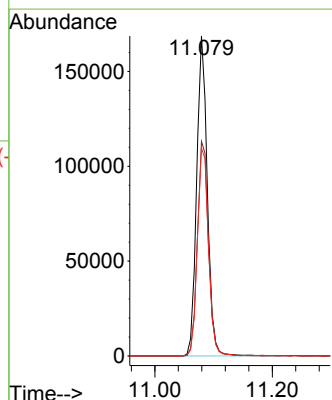
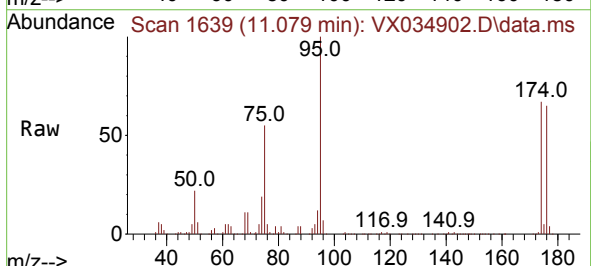
Tgt Ion: 95 Resp: 212241

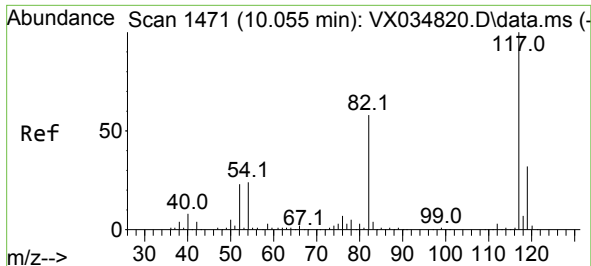
Ion Ratio Lower Upper

95 100

174 70.1 0.0 147.4

176 67.9 0.0 140.6

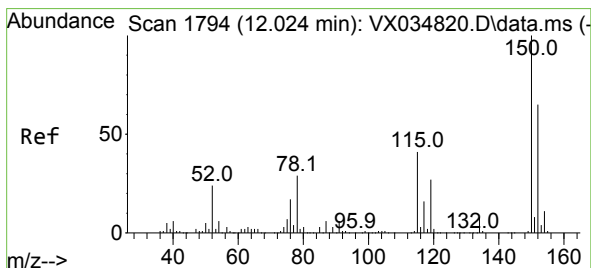
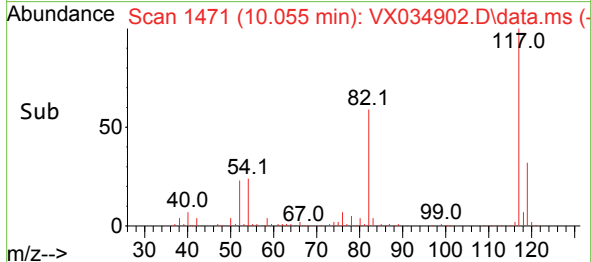
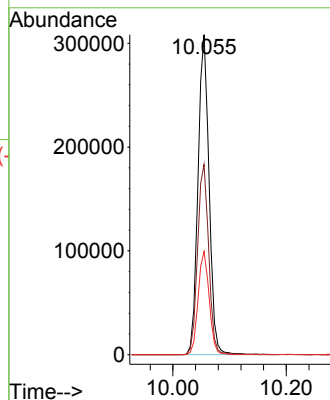
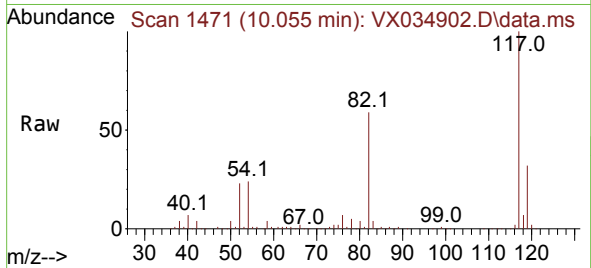




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034902.D
Acq: 01 Apr 2023 05:00

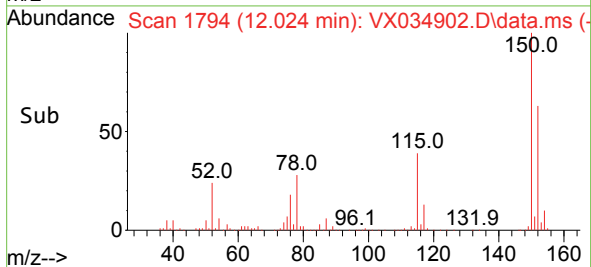
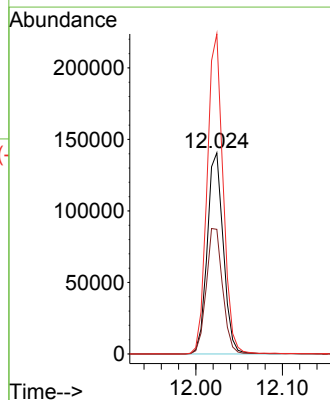
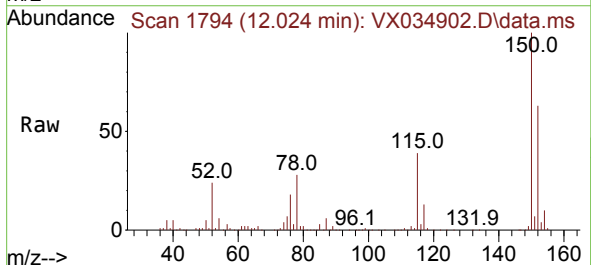
Instrument :
MSVOA_X
ClientSampleId :
SY-3D

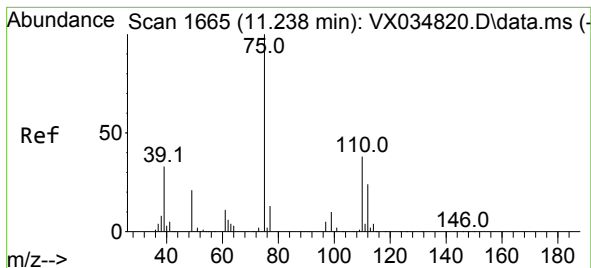
Tgt Ion:117 Resp: 417799
Ion Ratio Lower Upper
117 100
82 59.5 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034902.D
Acq: 01 Apr 2023 05:00

Tgt Ion:152 Resp: 181447
Ion Ratio Lower Upper
152 100
115 63.7 45.0 135.0
150 158.6 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 31.261 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034902.D

Acq: 01 Apr 2023 05:00

Instrument :

MSVOA_X

ClientSampleId :

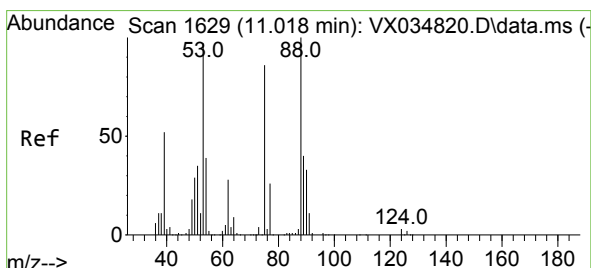
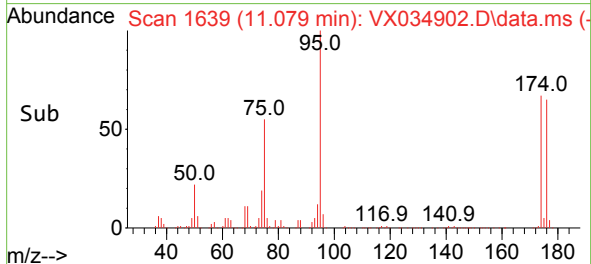
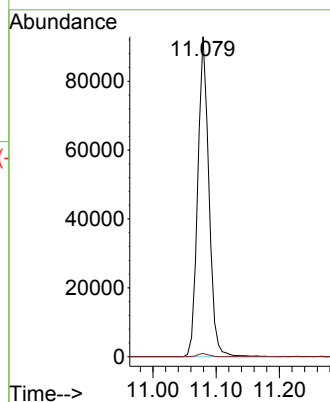
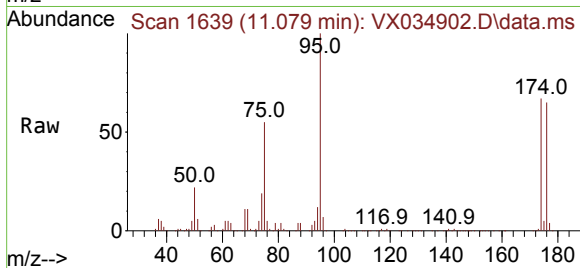
SY-3D

Tgt Ion: 75 Resp: 114290

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.686 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034902.D

Acq: 01 Apr 2023 05:00

Tgt Ion: 75 Resp: 114290

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

