

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034930.D
 Acq On : 03 Apr 2023 14:24
 Operator : JC/MD
 Sample : 02164-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Apr 03 21:37:46 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)

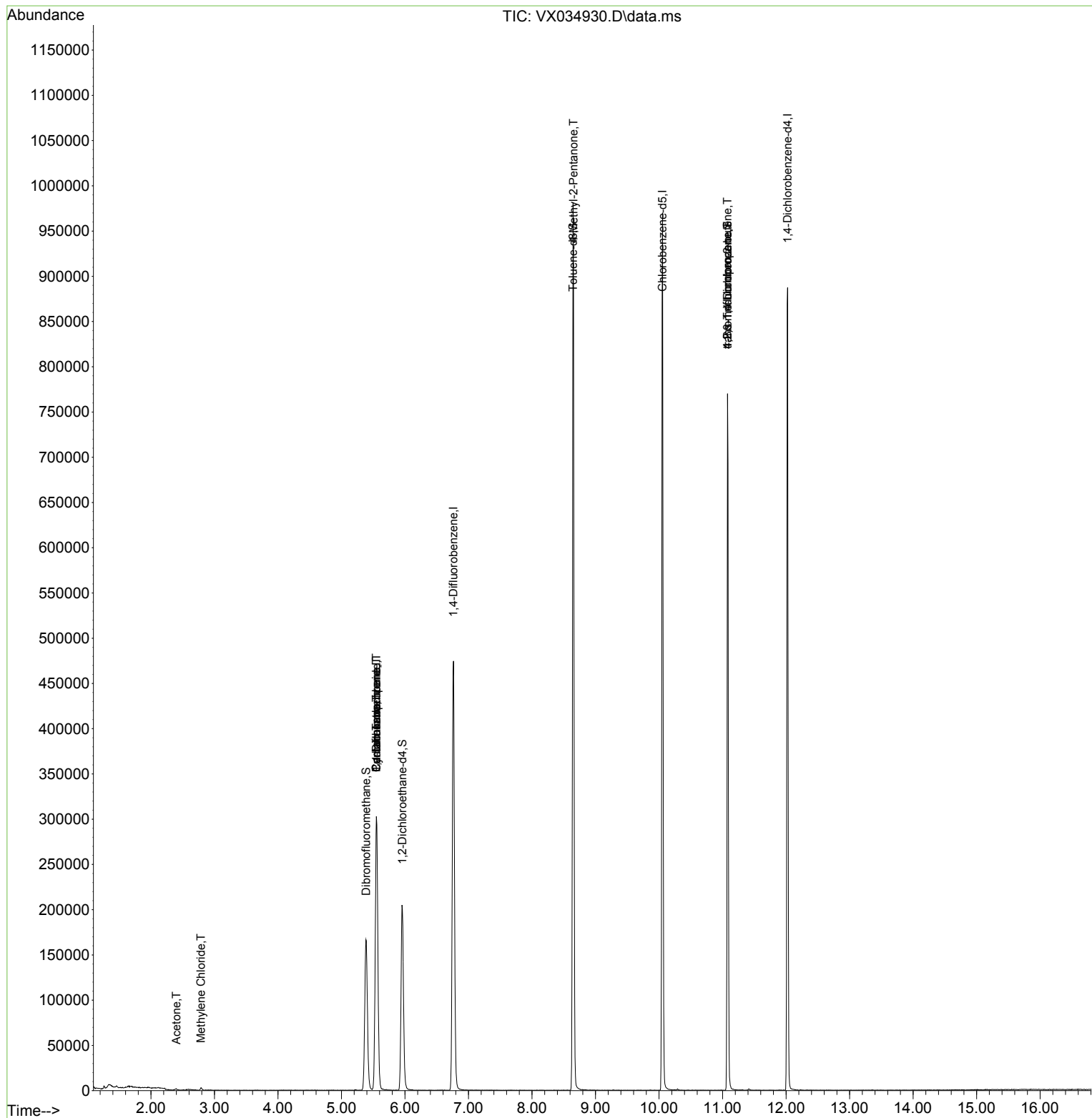
Internal Standards						
1) Pentafluorobenzene	5.550	168	269991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	465132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203786	49.353	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.700%
35) Dibromofluoromethane	5.385	113	145733	47.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.647	98	557897	49.130	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.079	95	209401	47.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1504	0.897	ug/l #	55
20) Methylene Chloride	2.788	84	1098	0.332	ug/l	90
31) Cyclohexane	5.550	56	6702	1.333	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23579	5.173	ug/l #	50
38) Carbon Tetrachloride	5.550	117	29480	6.860	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2736	0.580	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110951	30.112	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110951	90.244	ug/l #	8

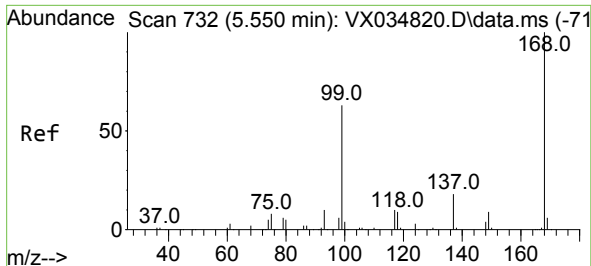
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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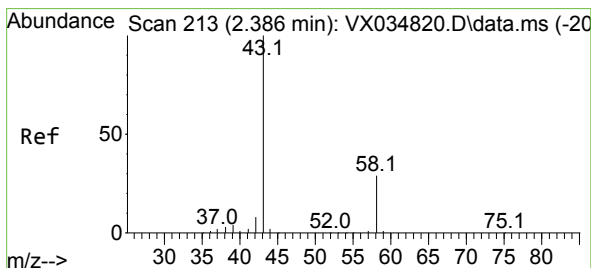
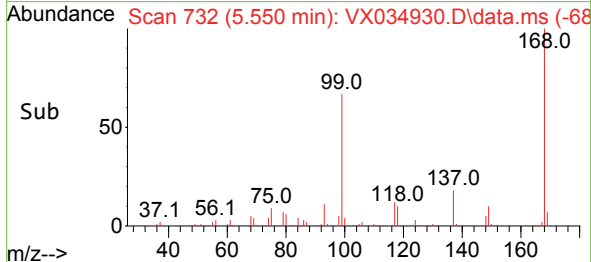
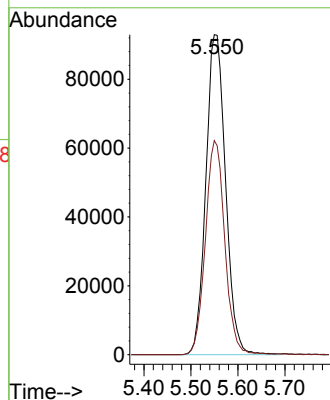
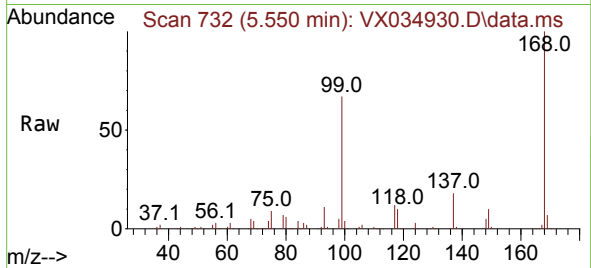




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

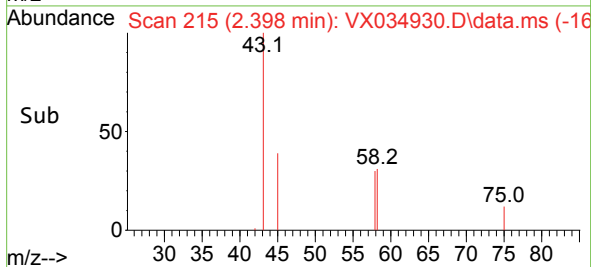
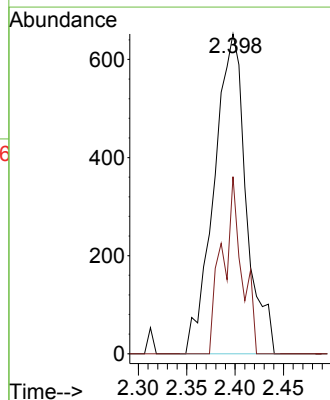
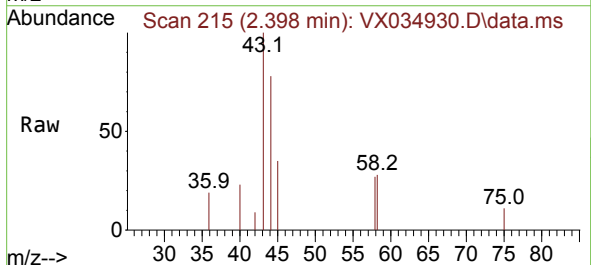
Instrument :
MSVOA_X
ClientSampleId :
TB

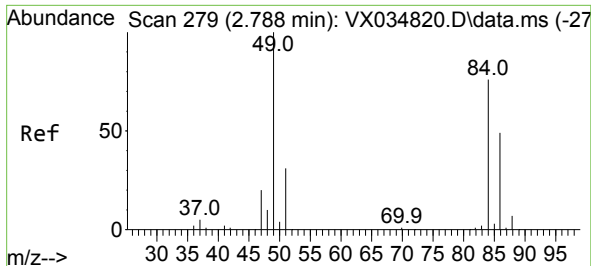
Tgt Ion:168 Resp: 269991
Ion Ratio Lower Upper
168 100
99 66.9 45.7 68.5



#16
Acetone
Concen: 0.897 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

Tgt Ion: 43 Resp: 1504
Ion Ratio Lower Upper
43 100
58 55.4 24.7 37.1#



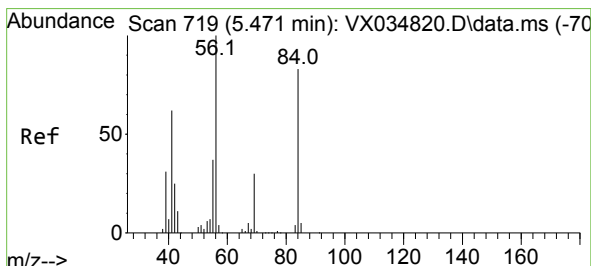
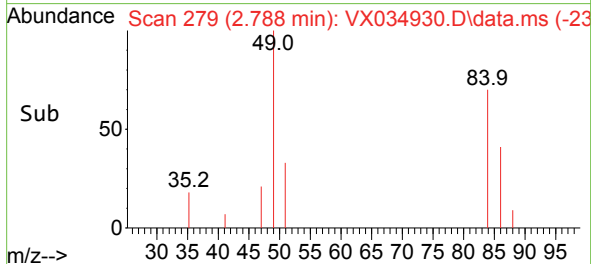
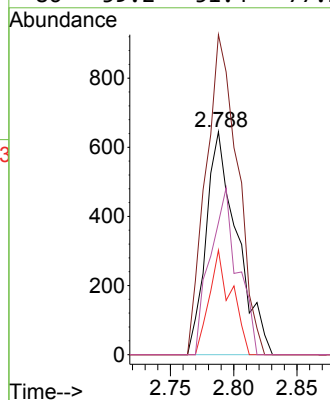
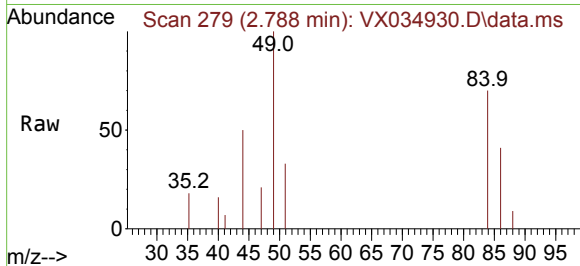


#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 84 Resp: 1098

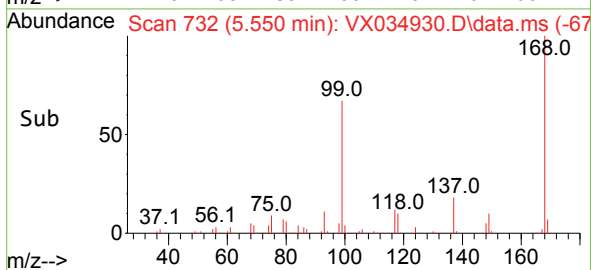
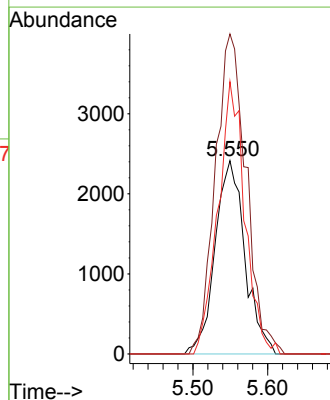
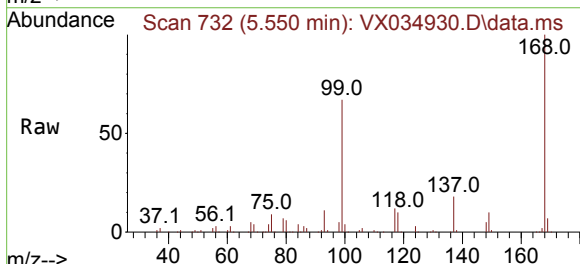
Ion	Ratio	Lower	Upper
84	100		
49	143.6	103.8	155.8
51	46.8	31.8	47.8
86	59.2	51.4	77.2

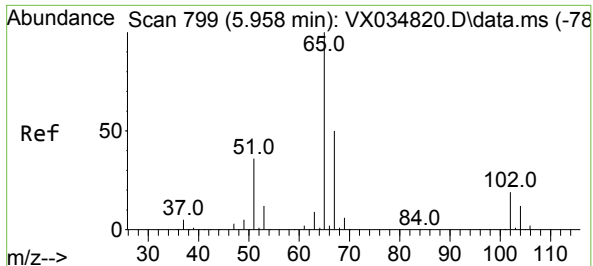


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

Tgt Ion: 56 Resp: 6702

Ion	Ratio	Lower	Upper
56	100		
69	165.5	23.7	35.5#
84	140.8	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.353 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034930.D

Acq: 03 Apr 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

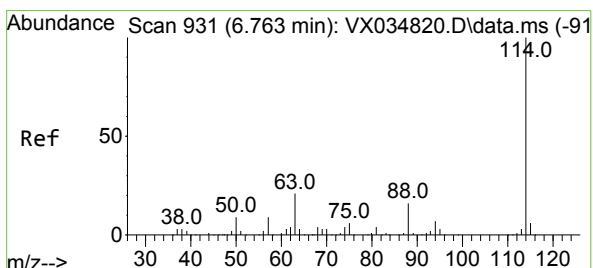
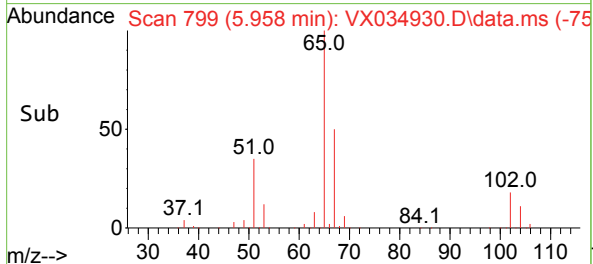
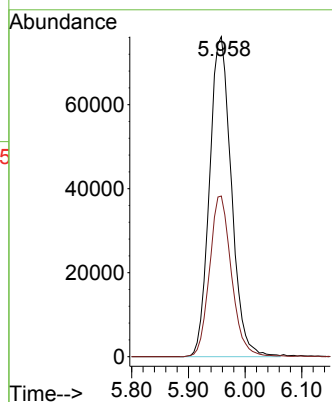
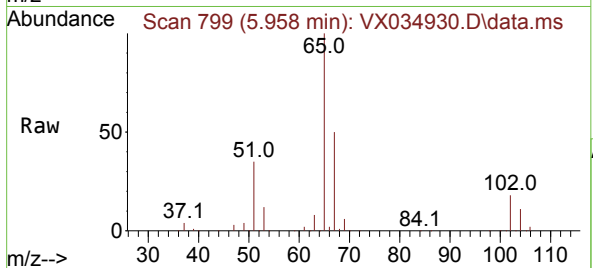
TB

Tgt Ion: 65 Resp: 203786

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: VX034930.D

Acq: 03 Apr 2023 14:24

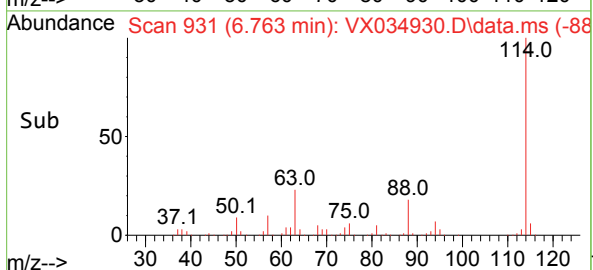
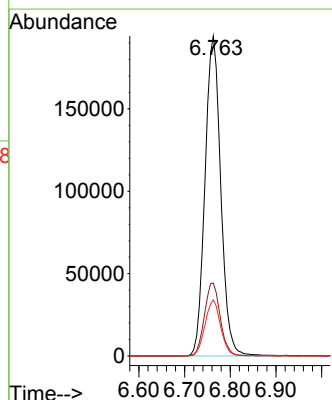
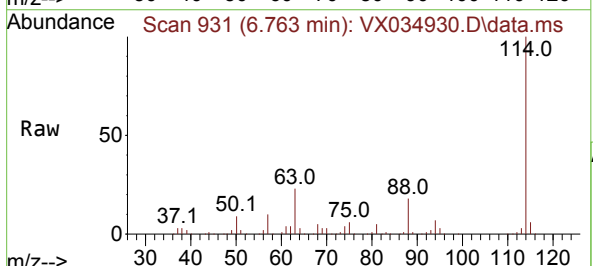
Tgt Ion: 114 Resp: 465132

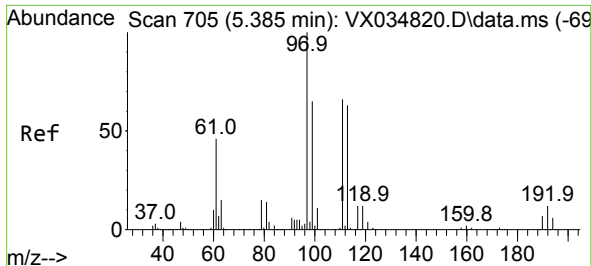
Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.2

88 17.6 0.0 33.2

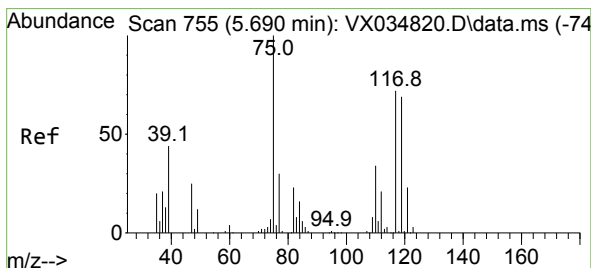
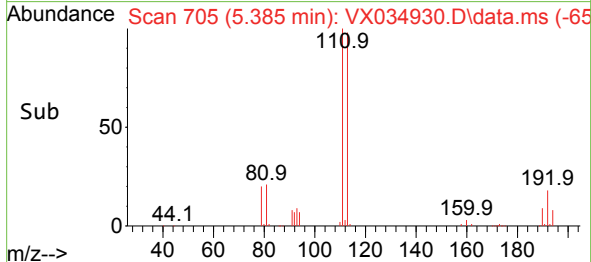
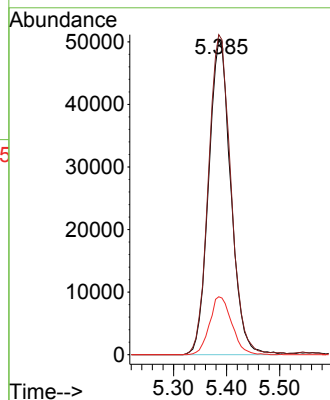
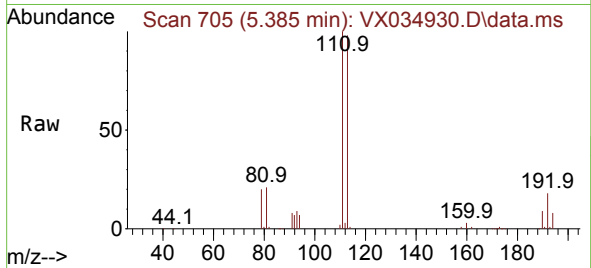




#35
Dibromofluoromethane
Concen: 47.370 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

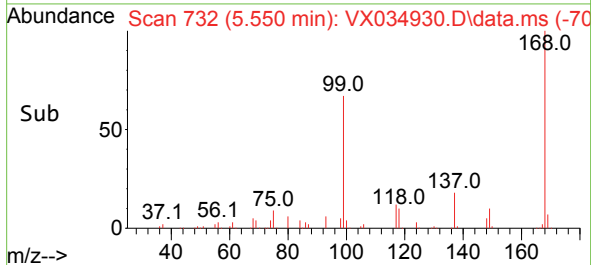
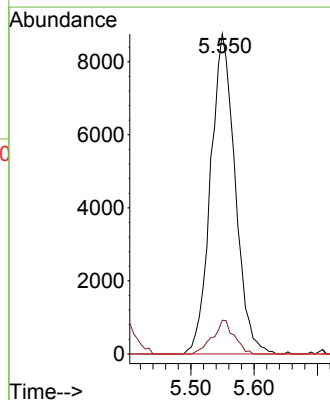
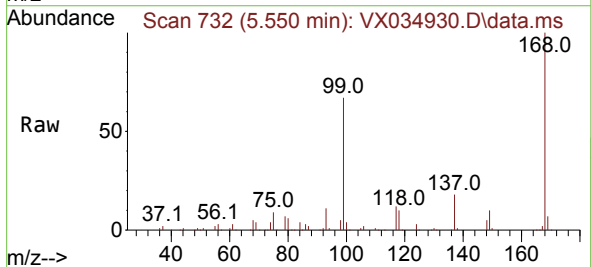
Instrument :
MSVOA_X
ClientSampleId :
TB

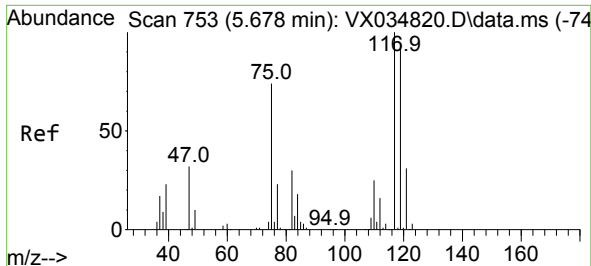
Tgt Ion:113 Resp: 145733
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 18.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.173 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

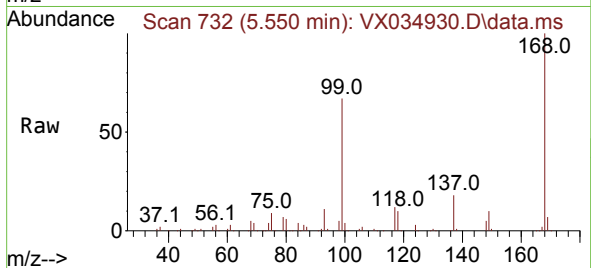
Tgt Ion: 75 Resp: 23579
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



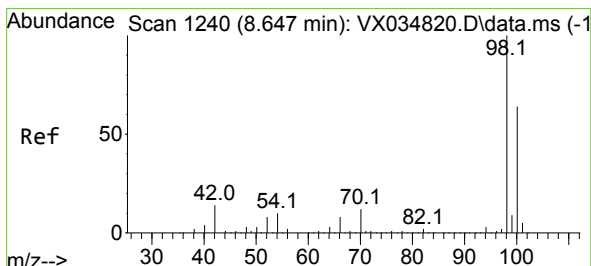
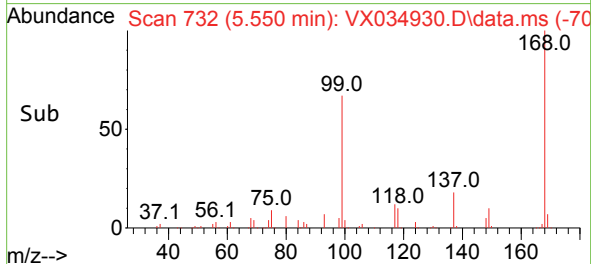
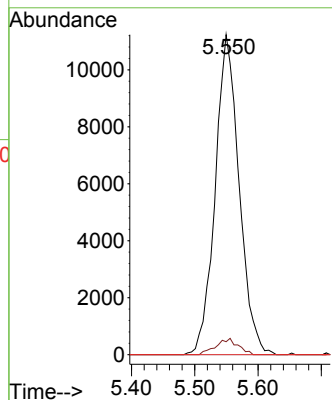


#38
Carbon Tetrachloride
Concen: 6.860 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
TB

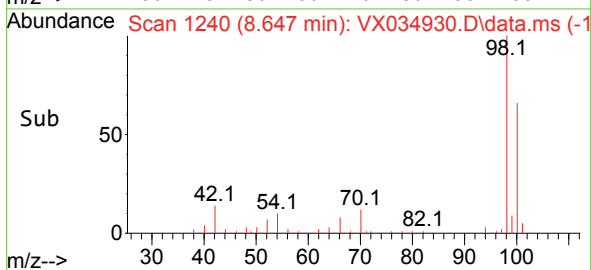
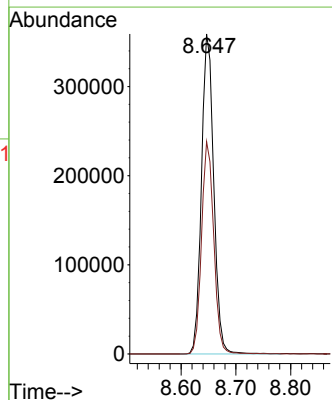
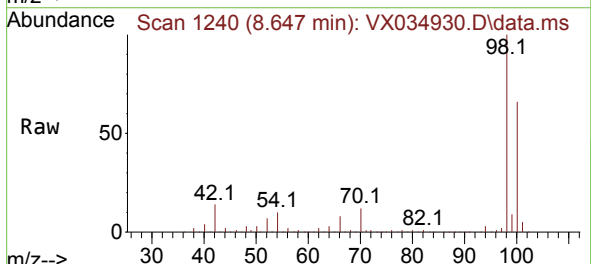


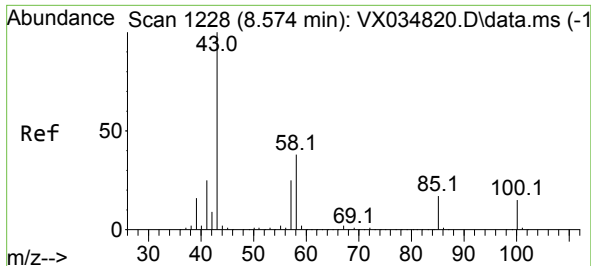
Tgt Ion:117 Resp: 29480
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.130 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

Tgt Ion: 98 Resp: 557897
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.580 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX034930.D

Acq: 03 Apr 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

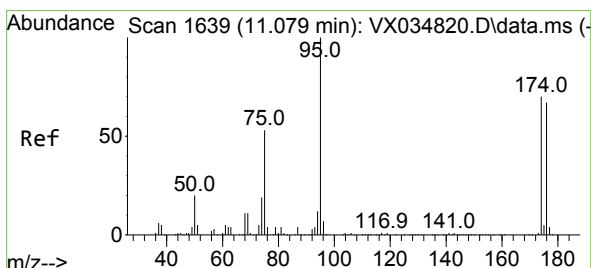
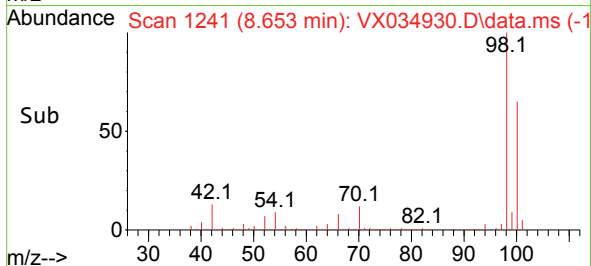
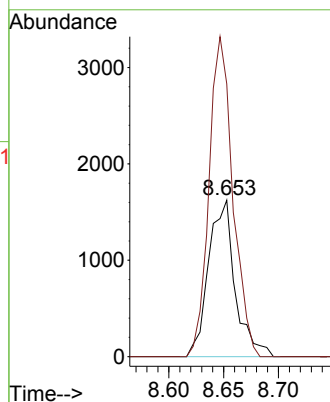
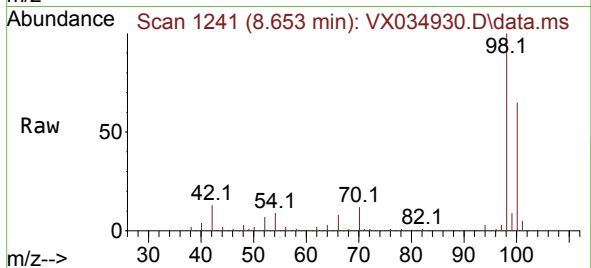
TB

Tgt Ion: 43 Resp: 2736

Ion Ratio Lower Upper

43 100

58 183.8 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.653 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034930.D

Acq: 03 Apr 2023 14:24

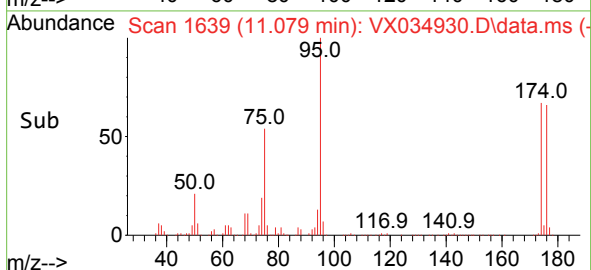
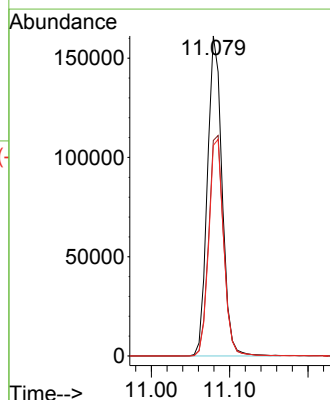
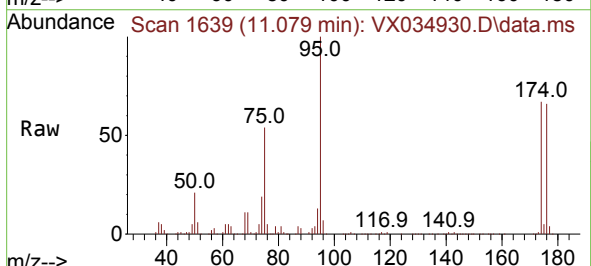
Tgt Ion: 95 Resp: 209401

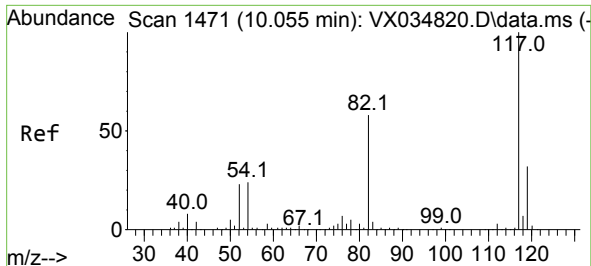
Ion Ratio Lower Upper

95 100

174 70.1 0.0 147.4

176 68.5 0.0 140.6

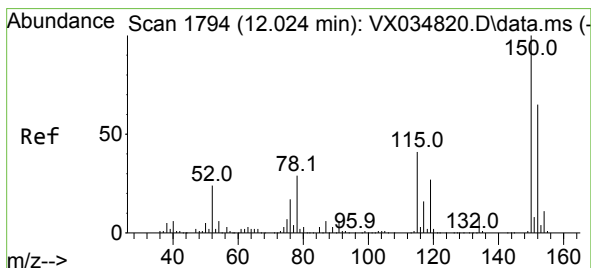
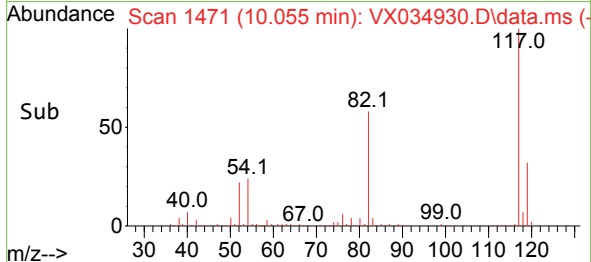
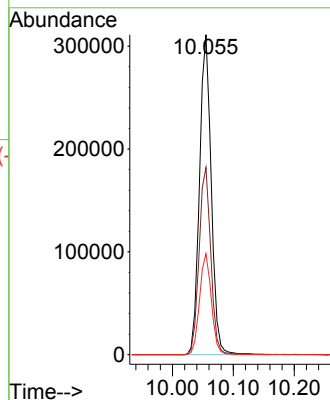
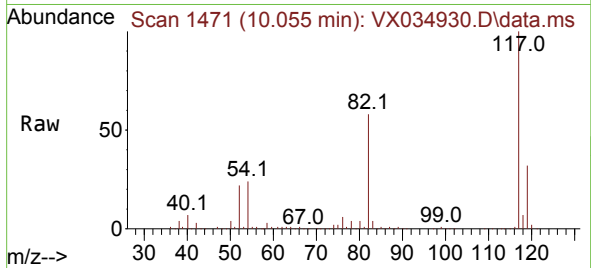




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

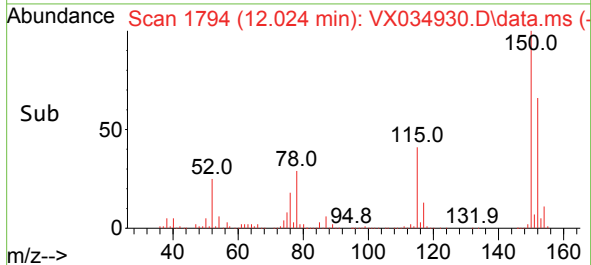
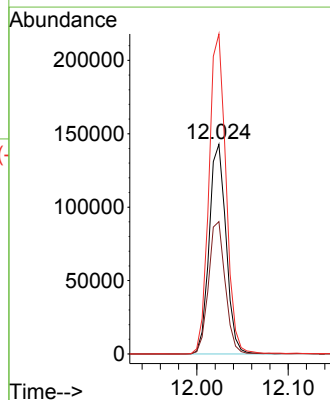
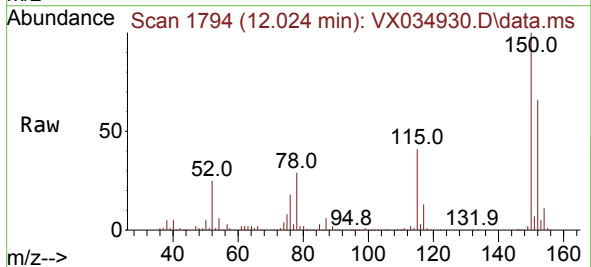
Instrument :
MSVOA_X
ClientSampleId :
TB

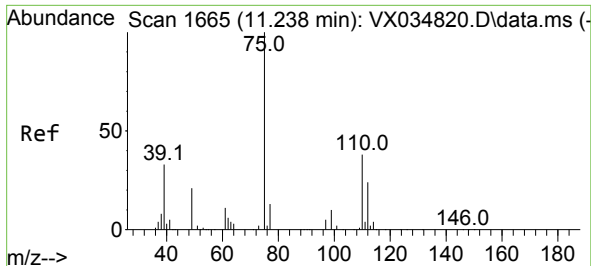
Tgt Ion:117 Resp: 416493
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

Tgt Ion:152 Resp: 182864
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 154.0 0.0 352.4

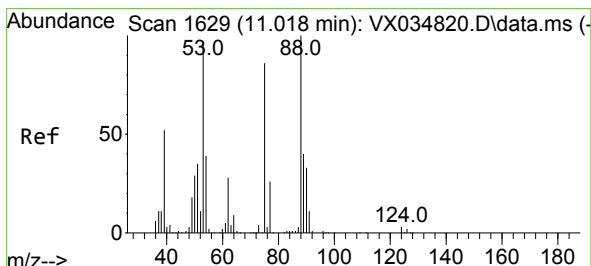
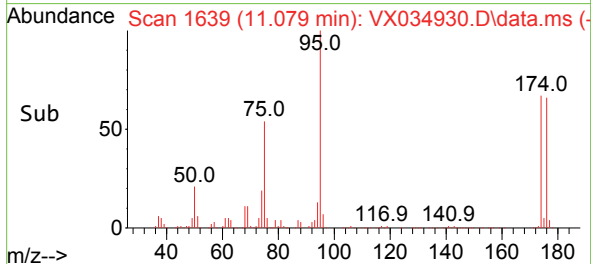
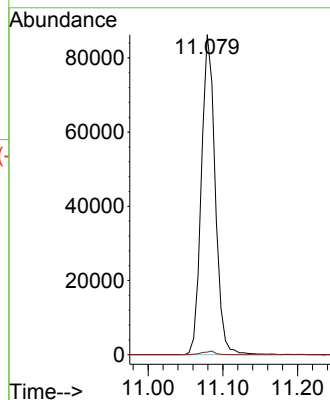
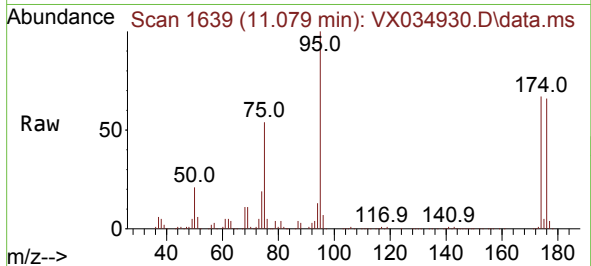




#76
1,2,3-Trichloropropane
Concen: 30.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 110951
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034930.D
Acq: 03 Apr 2023 14:24

Tgt Ion: 75 Resp: 110951
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

