

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036312.D
 Acq On : 24 Jun 2023 15:27
 Operator : JC/MD
 Sample : 03408-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-062323

Quant Time: Jun 26 03:25:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

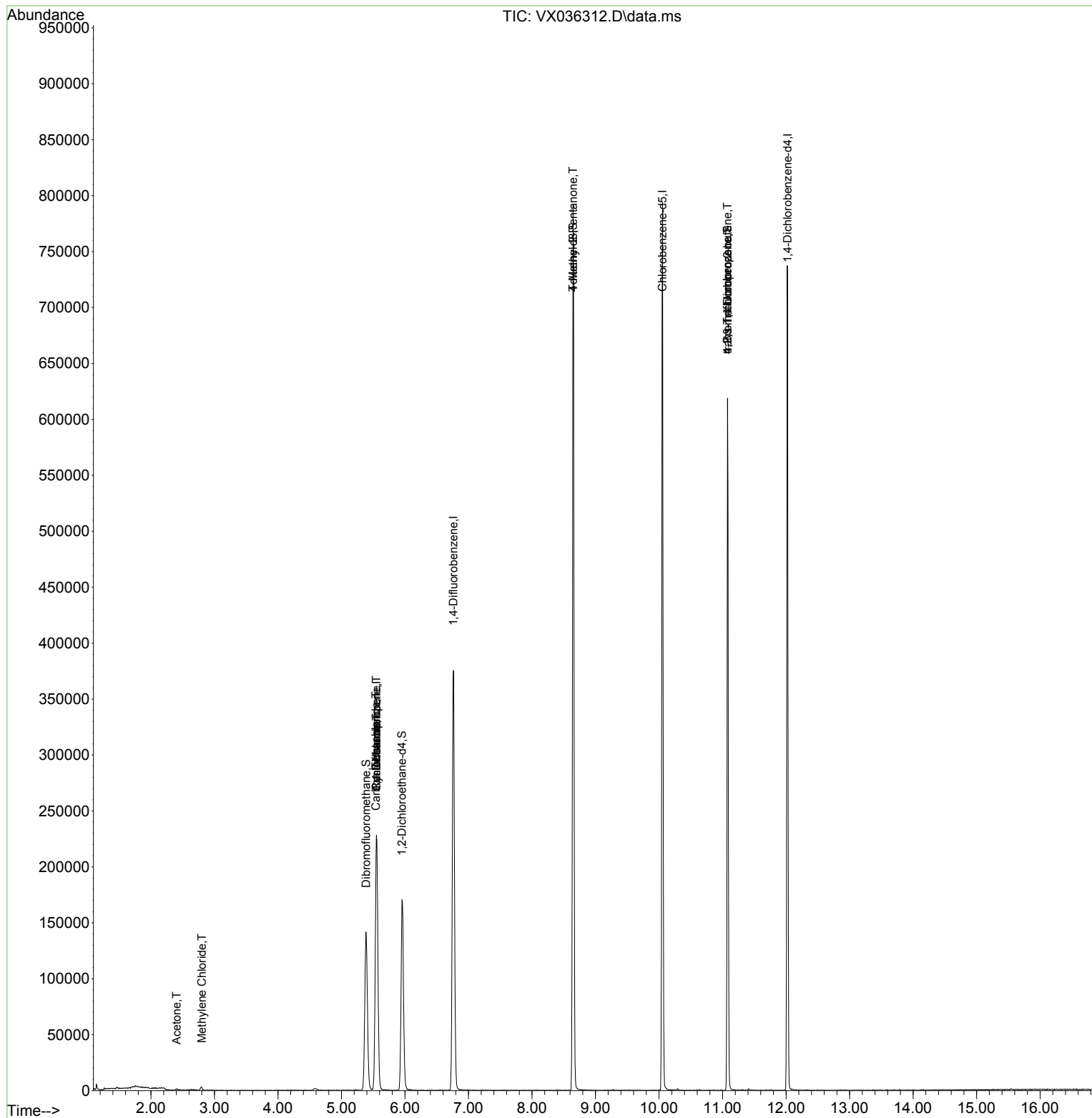
Internal Standards						
1) Pentafluorobenzene	5.550	168	214645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	384434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166668	54.169	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.340%	
35) Dibromofluoromethane	5.385	113	125332	49.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.880%	
50) Toluene-d8	8.647	98	472672	49.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	11.079	95	163675	49.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.160%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	1739	1.322	ug/l #	86
20) Methylene Chloride	2.800	84	1824	0.644	ug/l #	73
31) Cyclohexane	5.550	56	4610	1.169	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17925	4.744	ug/l #	50
38) Carbon Tetrachloride	5.544	117	22640	6.560	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	2125	0.537	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85602	26.577	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	85602	86.636	ug/l #	5

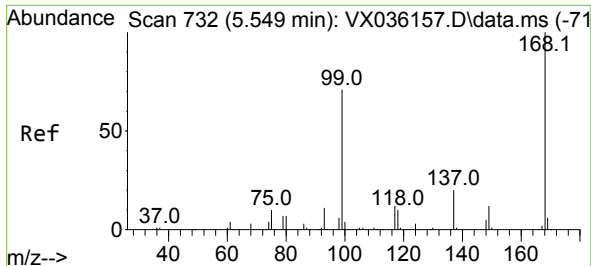
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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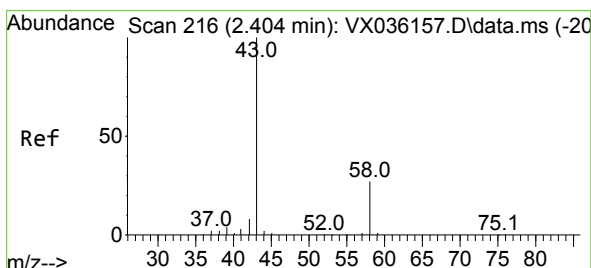
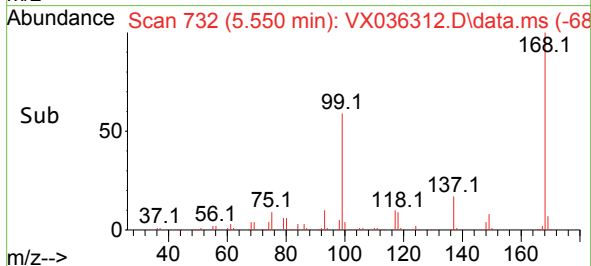
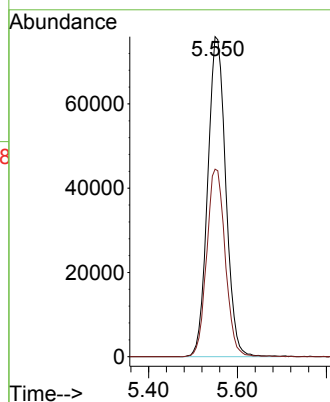
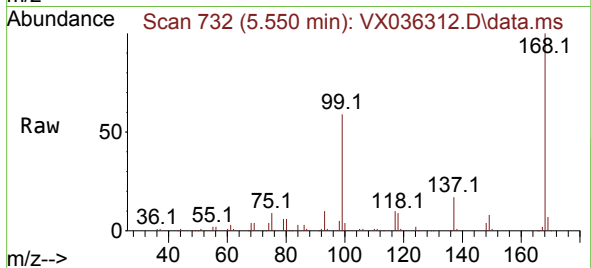




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

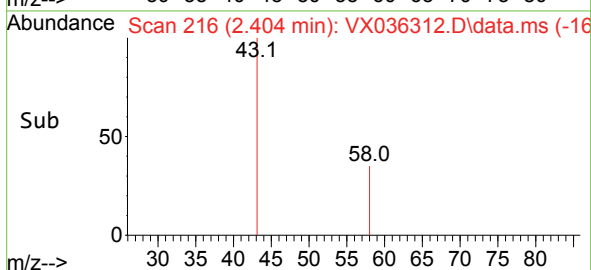
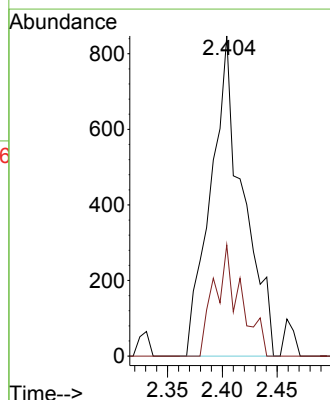
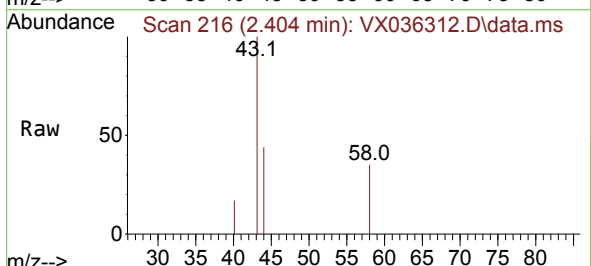
Instrument :
MSVOA_X
ClientSampleId :
TB-01-062323

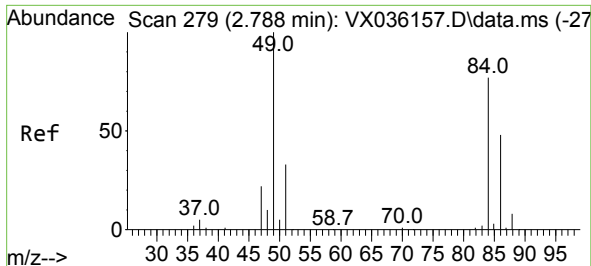
Tgt Ion:168 Resp: 214645
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#16
Acetone
Concen: 1.322 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9

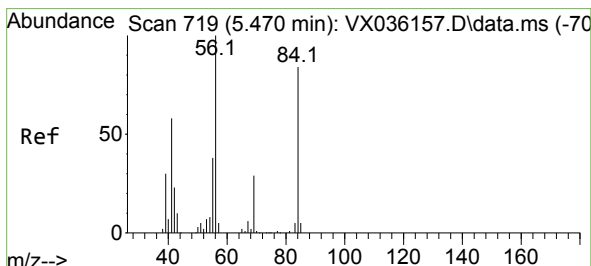
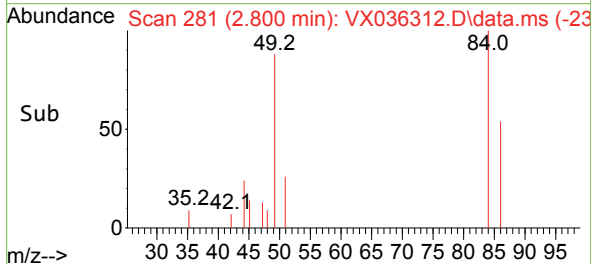
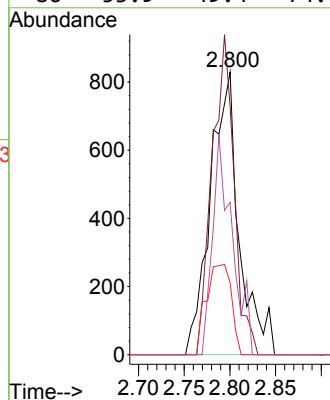
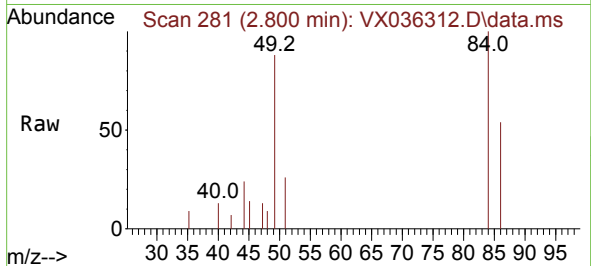




#20
Methylene Chloride
Concen: 0.644 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

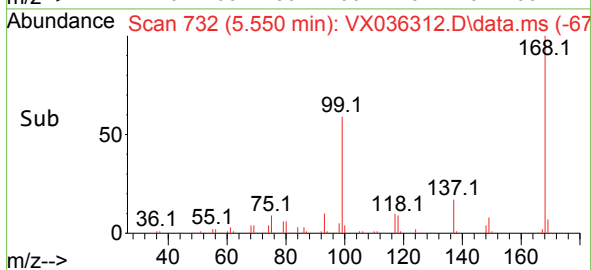
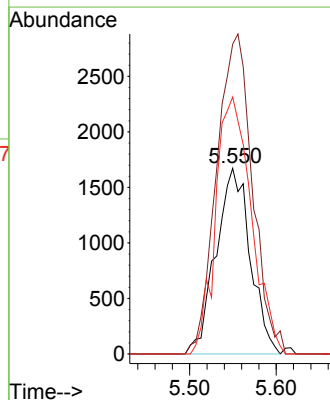
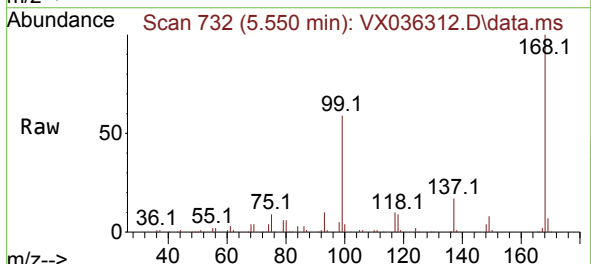
Instrument :
MSVOA_X
ClientSampleId :
TB-01-062323

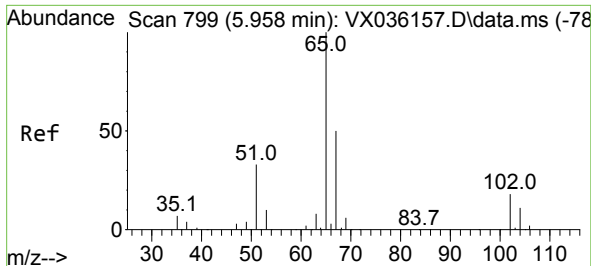
Tgt Ion: 84	Resp: 1824
Ion Ratio	Lower Upper
84 100	
49 87.9	103.6 155.4#
51 25.6	33.8 50.6#
86 53.9	49.4 74.0



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

Tgt Ion: 56	Resp: 4610		
Ion Ratio	Lower	Upper	
56	100		
69	166.9	23.4	35.2#
84	138.5	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 54.169 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036312.D

Acq: 24 Jun 2023 15:27

Instrument :

MSVOA_X

ClientSampleId :

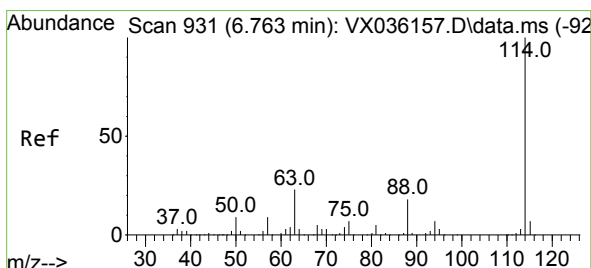
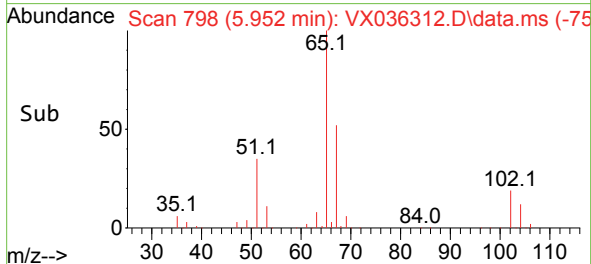
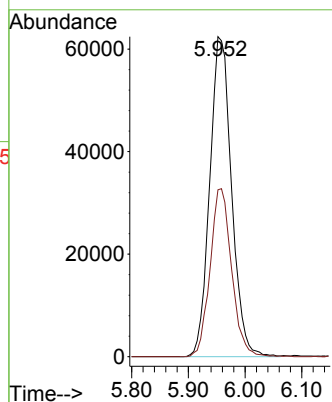
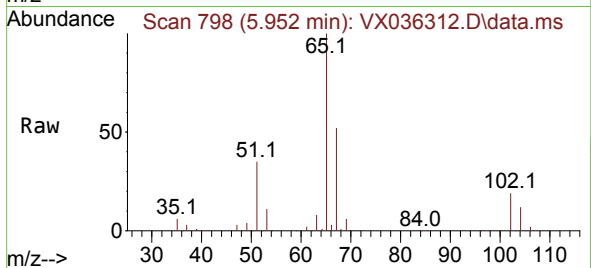
TB-01-062323

Tgt Ion: 65 Resp: 166668

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036312.D

Acq: 24 Jun 2023 15:27

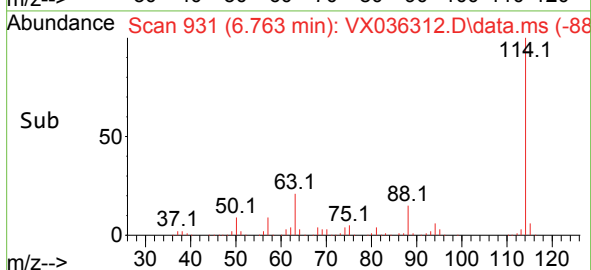
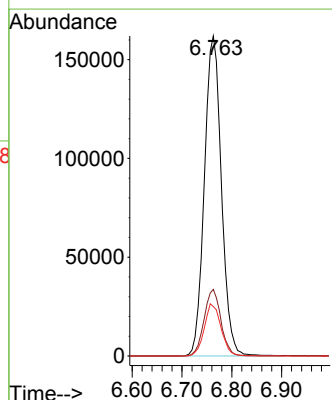
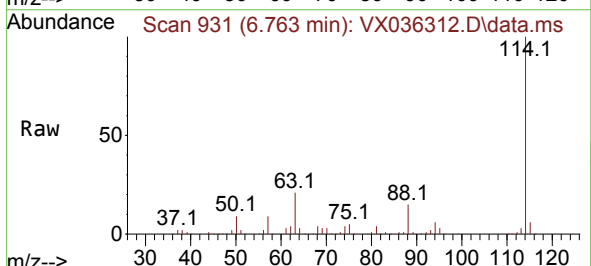
Tgt Ion: 114 Resp: 384434

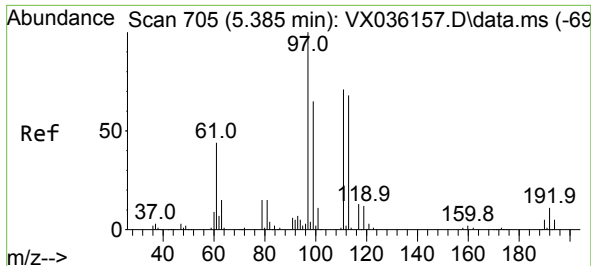
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 15.4 0.0 36.6

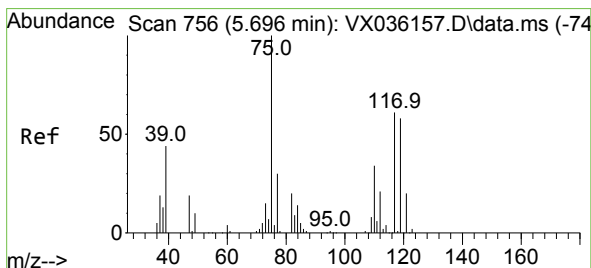
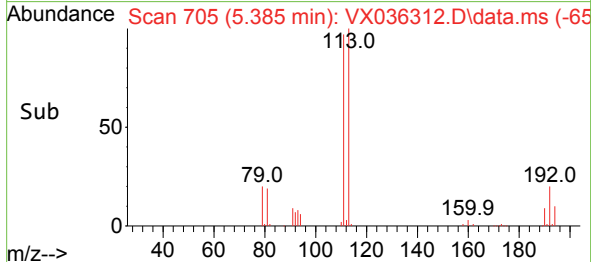
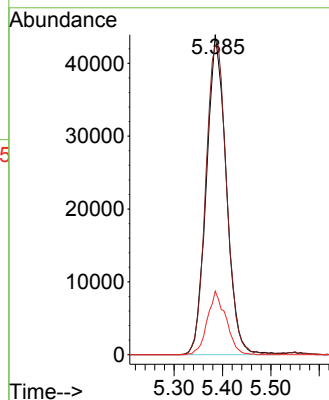
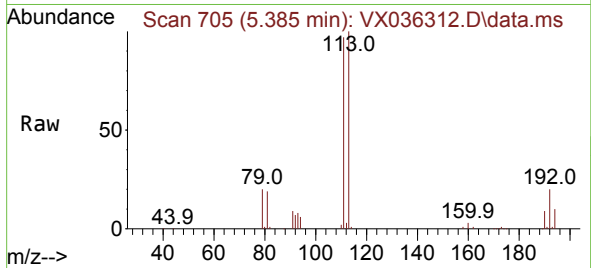




#35
Dibromofluoromethane
Concen: 49.444 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

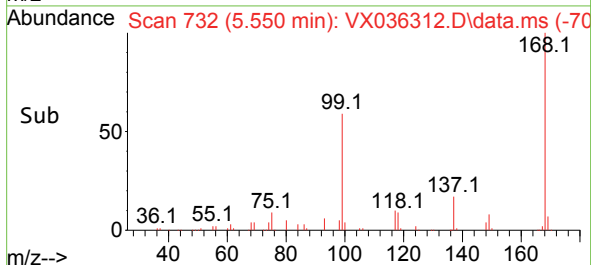
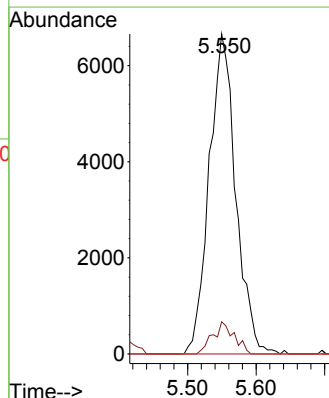
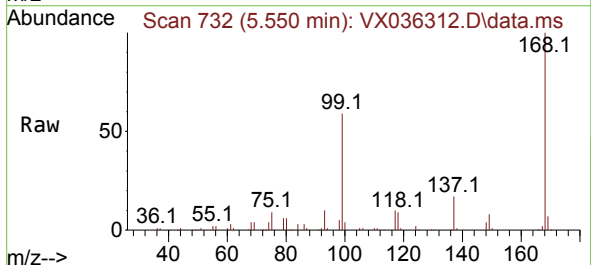
Instrument :
MSVOA_X
ClientSampleId :
TB-01-062323

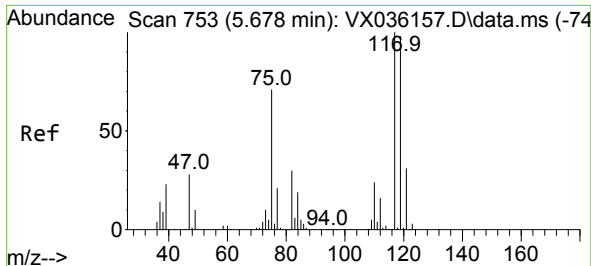
Tgt Ion:113 Resp: 125332
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

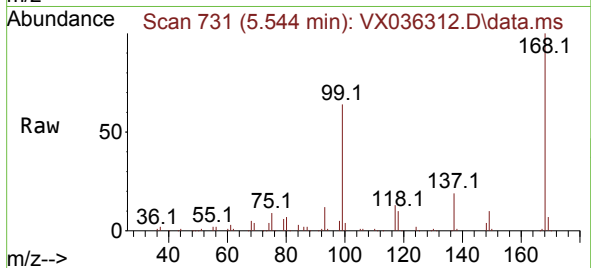
Tgt Ion: 75 Resp: 17925
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



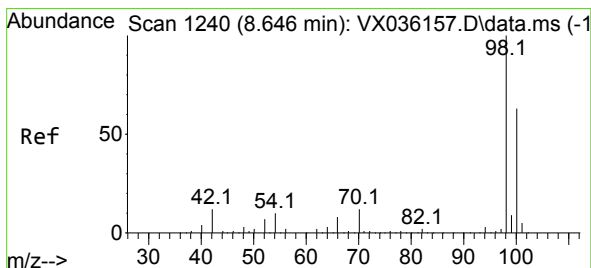
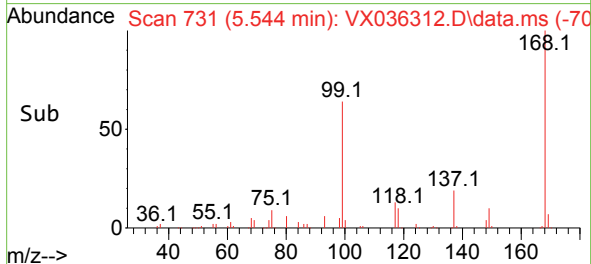
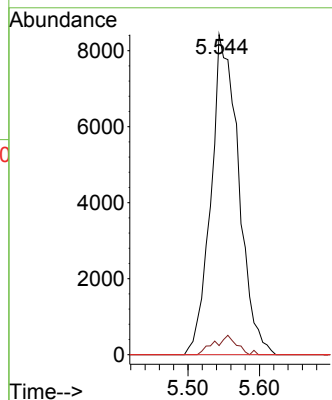


#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

Instrument :
MSVOA_X
ClientSampleId :
TB-01-062323

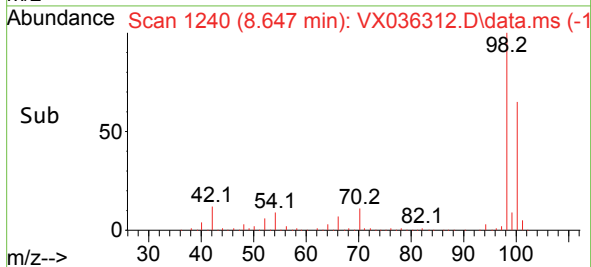
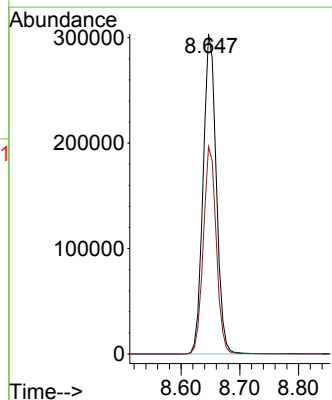
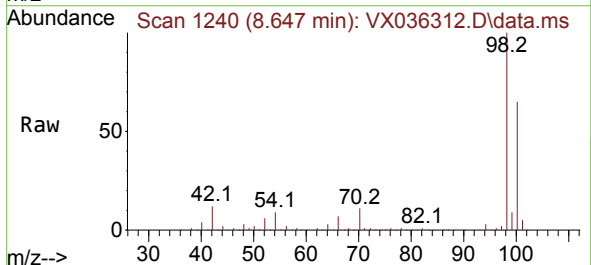


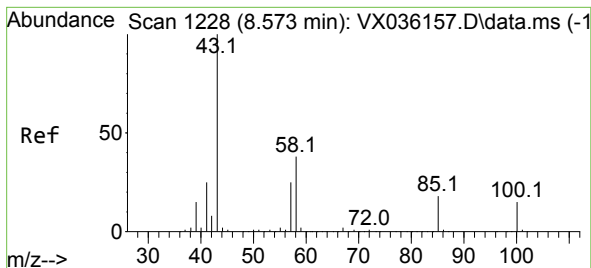
Tgt Ion:117 Resp: 22640
Ion Ratio Lower Upper
117 100
119 2.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

Tgt Ion: 98 Resp: 472672
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.537 ug/l

RT: 8.647 min Scan# 1228

Delta R.T. 0.074 min

Lab File: VX036312.D

Acq: 24 Jun 2023 15:27

Instrument :

MSVOA_X

ClientSampleId :

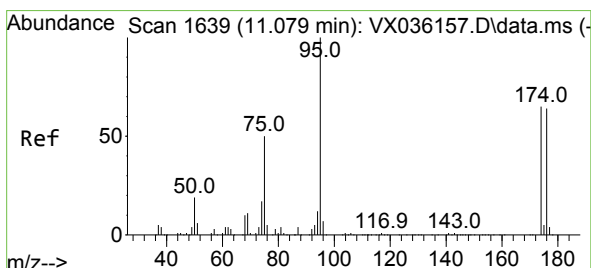
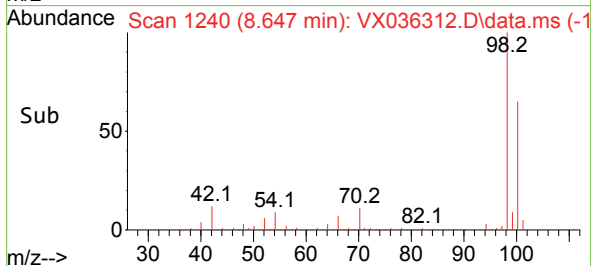
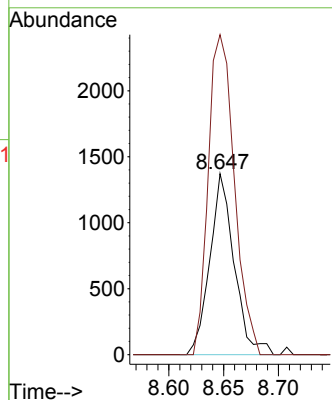
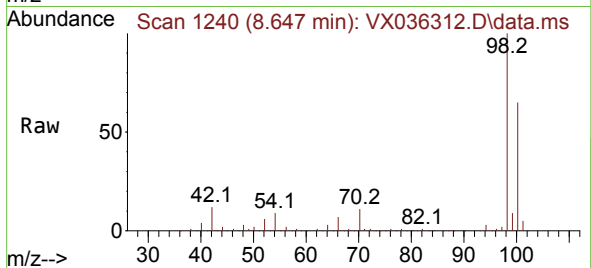
TB-01-062323

Tgt Ion: 43 Resp: 2125

Ion Ratio Lower Upper

43 100

58 189.2 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.080 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036312.D

Acq: 24 Jun 2023 15:27

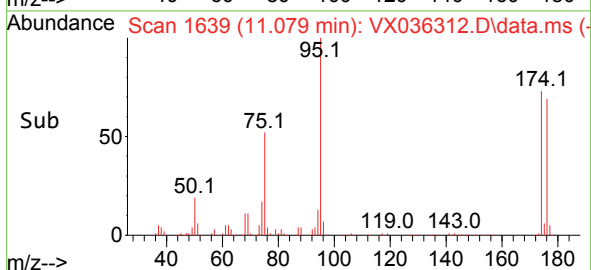
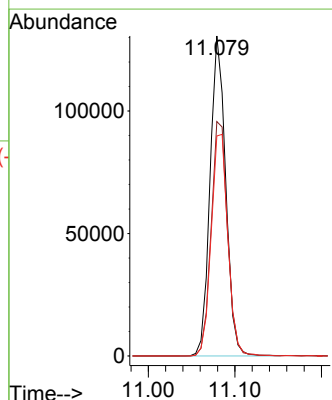
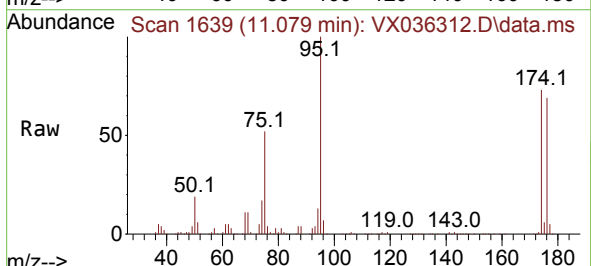
Tgt Ion: 95 Resp: 163675

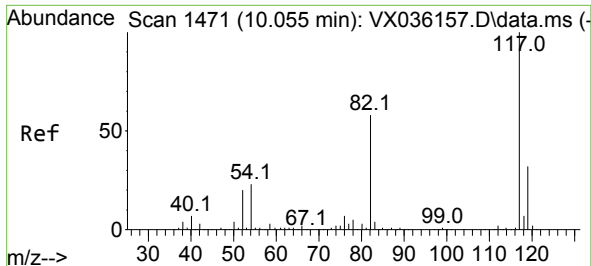
Ion Ratio Lower Upper

95 100

174 77.0 0.0 135.6

176 74.1 0.0 131.0

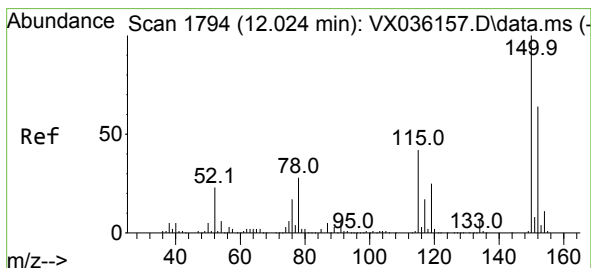
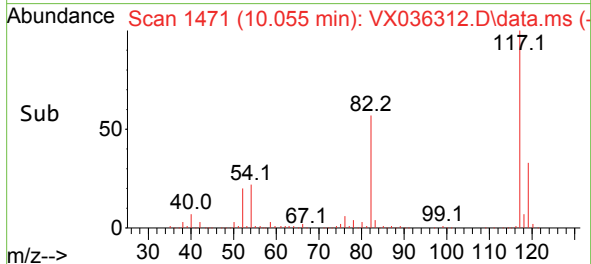
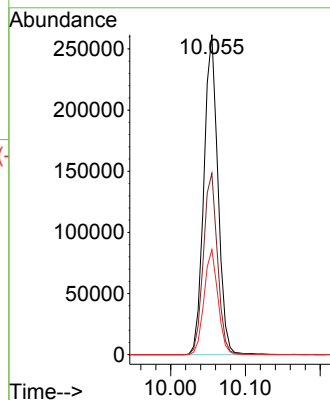
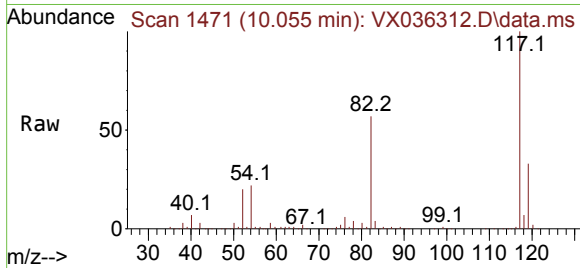




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

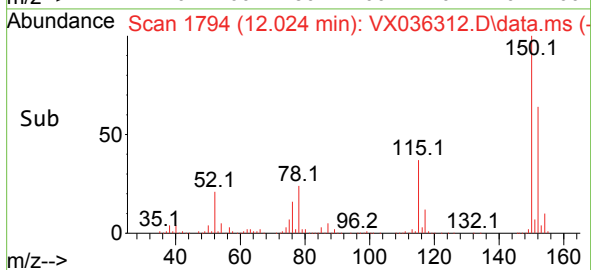
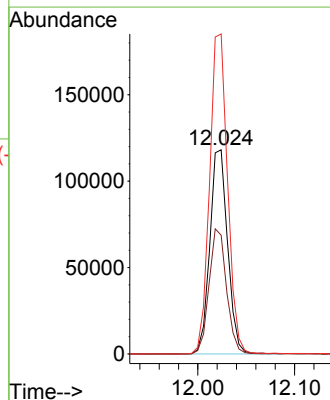
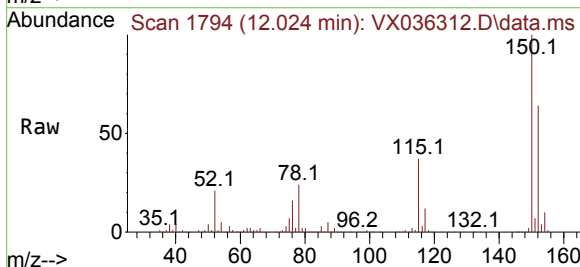
Instrument :
MSVOA_X
ClientSampleId :
TB-01-062323

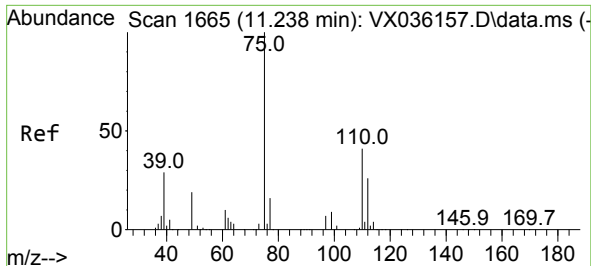
Tgt Ion:117 Resp: 341503
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

Tgt Ion:152 Resp: 150999
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 158.3 0.0 345.0

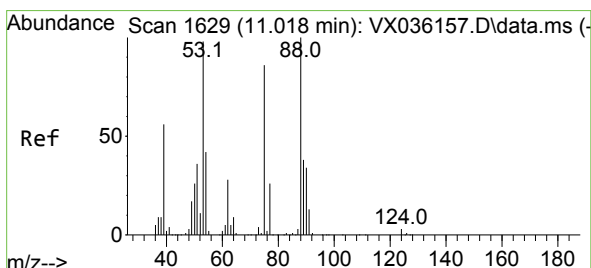
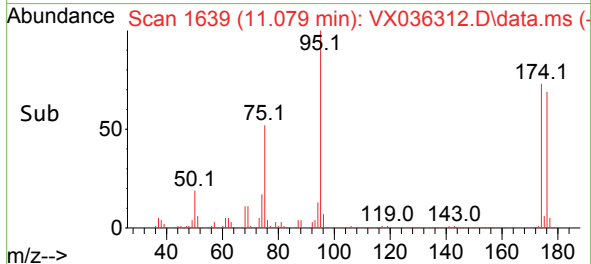
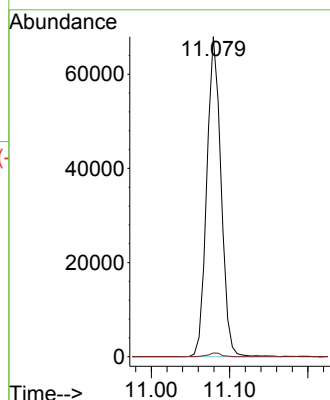
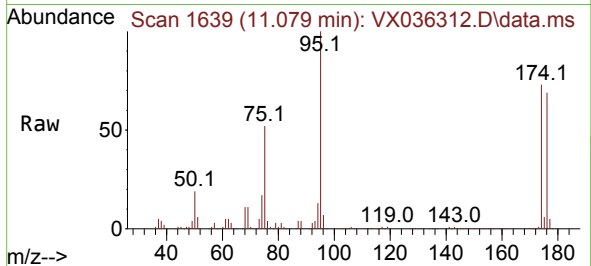




#76
1,2,3-Trichloropropane
Concen: 26.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

Instrument :
MSVOA_X
ClientSampleId :
TB-01-062323

Tgt Ion: 75 Resp: 85602
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036312.D
Acq: 24 Jun 2023 15:27

Tgt Ion: 75 Resp: 85602
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

