

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036306.D
 Acq On : 24 Jun 2023 13:07
 Operator : JC/MD
 Sample : 03358-10RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-06-2023

Quant Time: Jun 26 03:24:00 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)

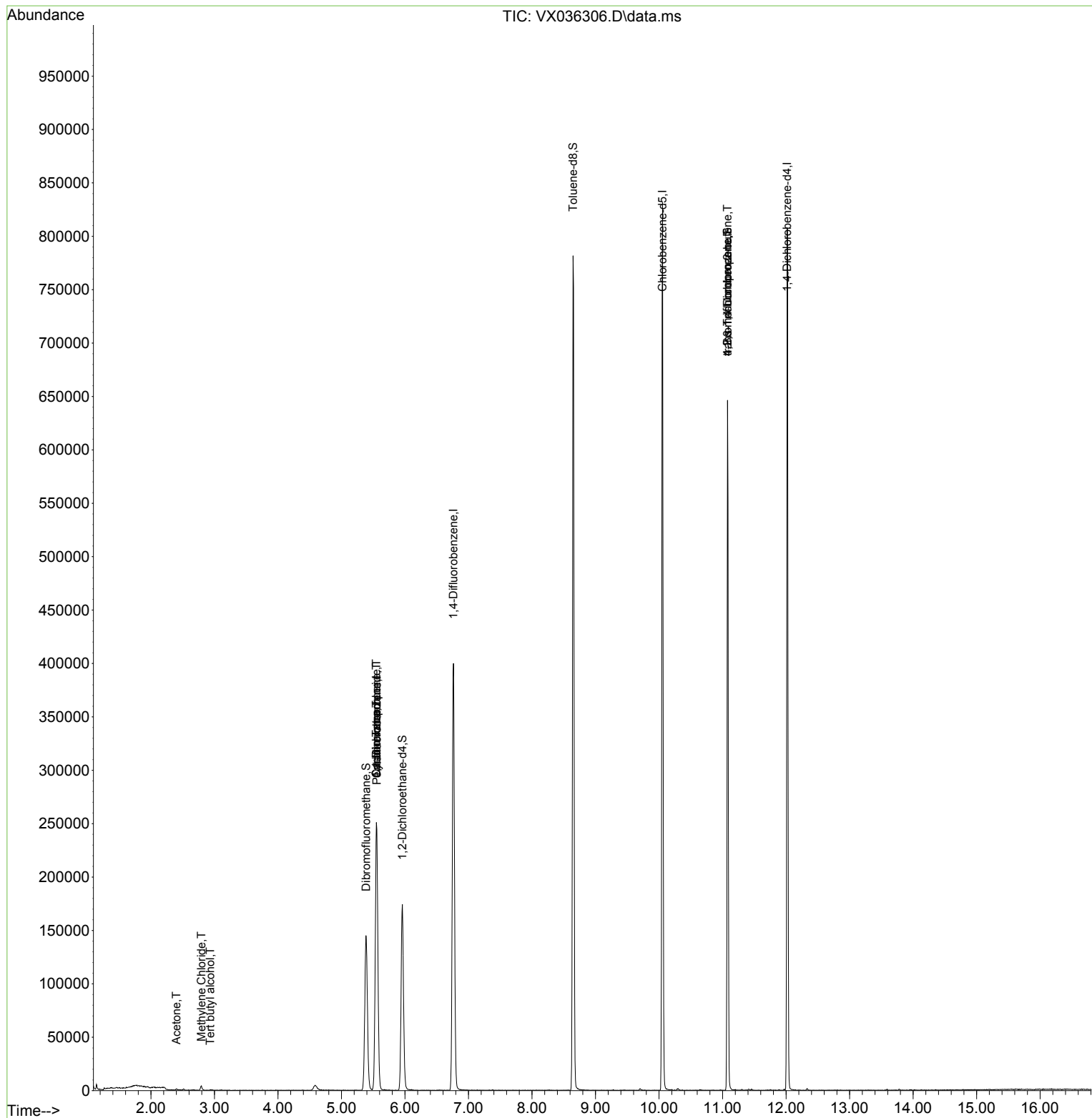
Internal Standards						
1) Pentafluorobenzene	5.556	168	232872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	164968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168743	50.551	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.100%
35) Dibromofluoromethane	5.385	113	129108	47.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	483781	47.927	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.079	95	168272	47.327	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	142	0.234	ug/l #	78
16) Acetone	2.398	43	1432	1.004	ug/l	96
20) Methylene Chloride	2.794	84	1821	0.593	ug/l #	88
31) Cyclohexane	5.550	56	5123	1.198	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18885	4.688	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24281	6.599	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	87809	24.954	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	87809	81.344	ug/l #	5

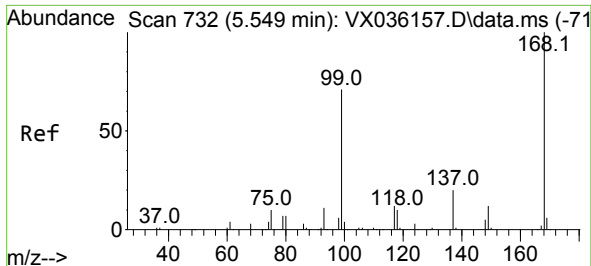
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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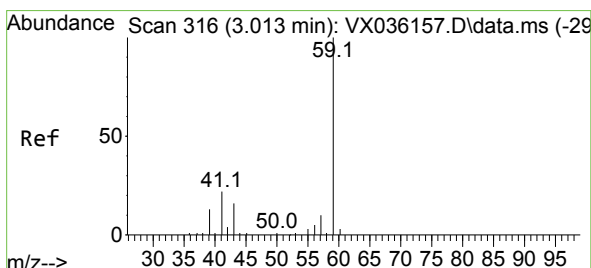
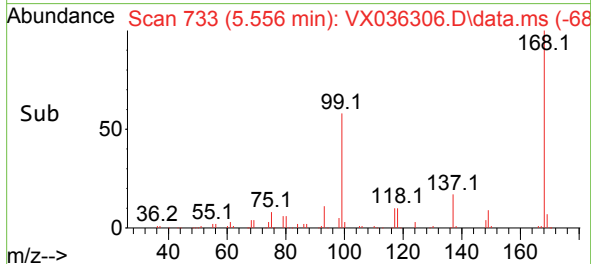
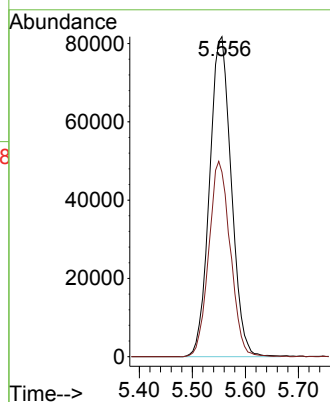
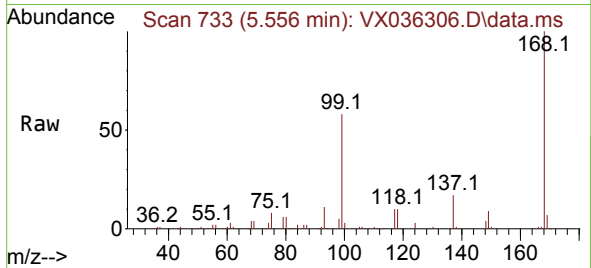




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

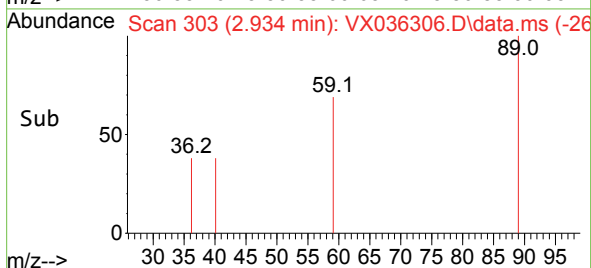
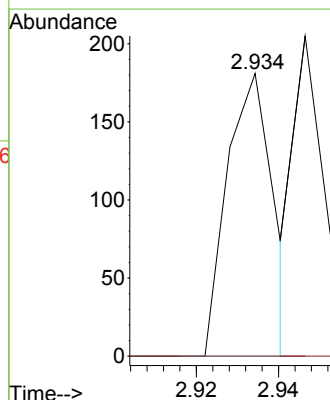
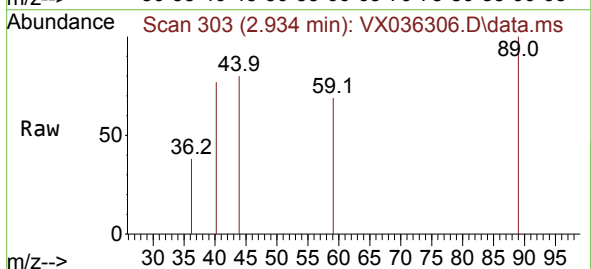
Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023

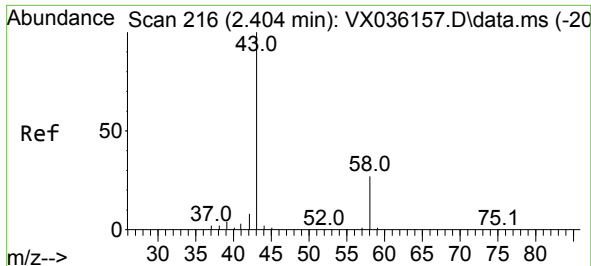
Tgt Ion:168 Resp: 232872
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.234 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.079 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.004 ug/l

RT: 2.398 min Scan# 216

Delta R.T. -0.006 min

Lab File: VX036306.D

Acq: 24 Jun 2023 13:07

Instrument :

MSVOA_X

ClientSampleId :

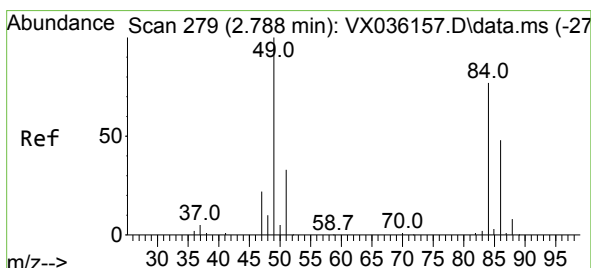
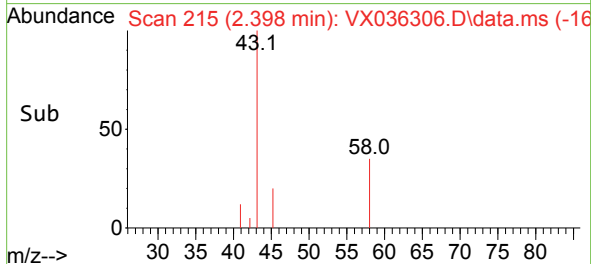
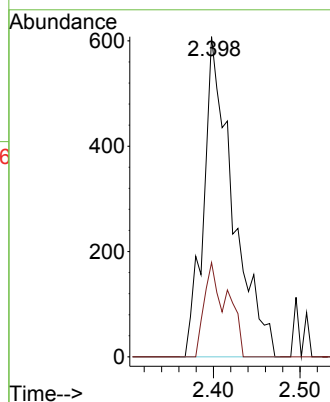
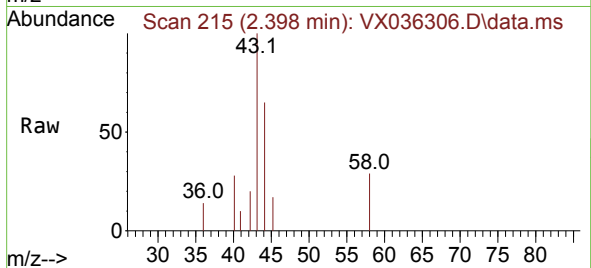
TB-06-2023

Tgt Ion: 43 Resp: 1432

Ion Ratio Lower Upper

43 100

58 29.4 21.9 32.9



#20

Methylene Chloride

Concen: 0.593 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX036306.D

Acq: 24 Jun 2023 13:07

Tgt Ion: 84 Resp: 1821

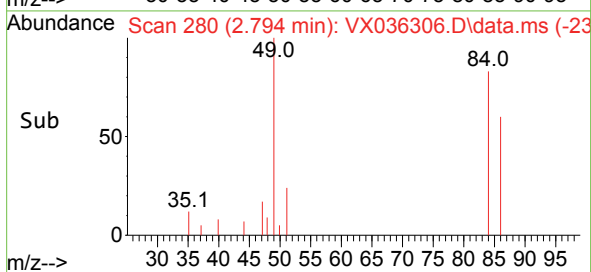
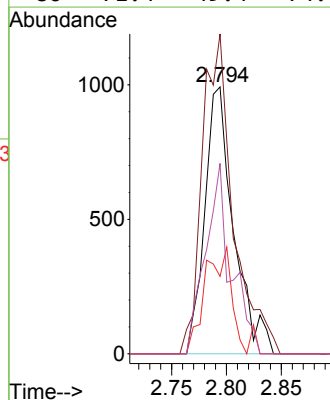
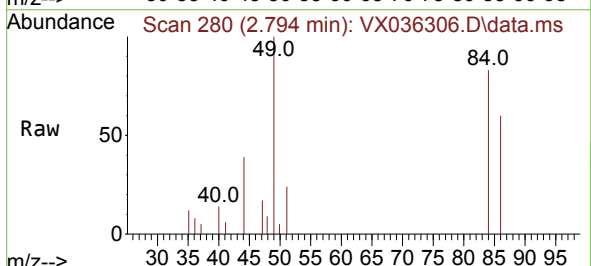
Ion Ratio Lower Upper

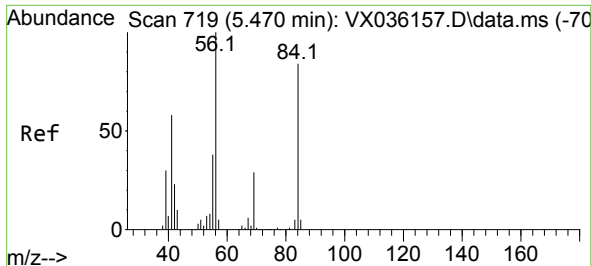
84 100

49 119.9 103.6 155.4

51 29.0 33.8 50.6#

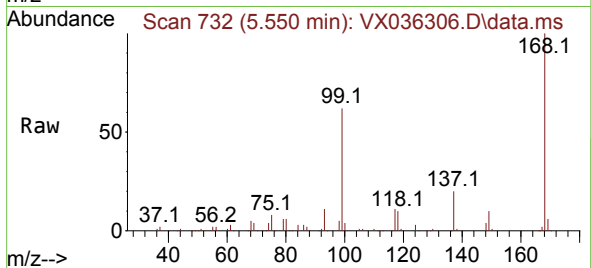
86 71.4 49.4 74.0



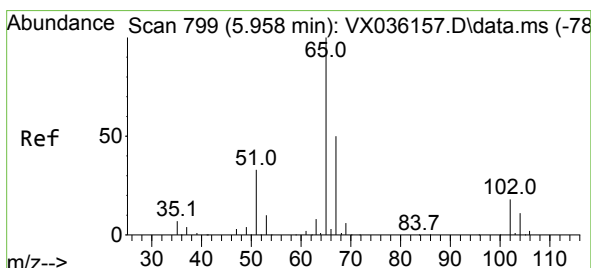
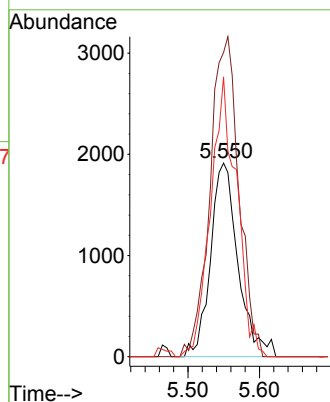
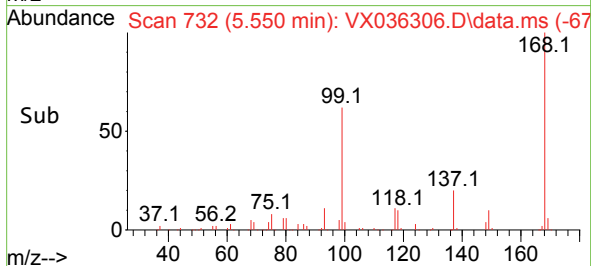


#31
Cyclohexane
Concen: 1.198 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023

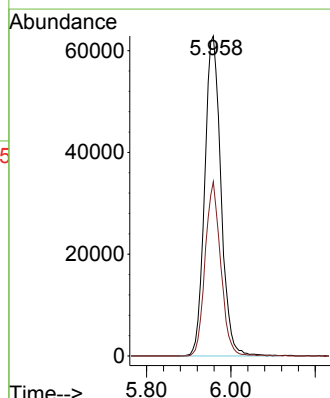
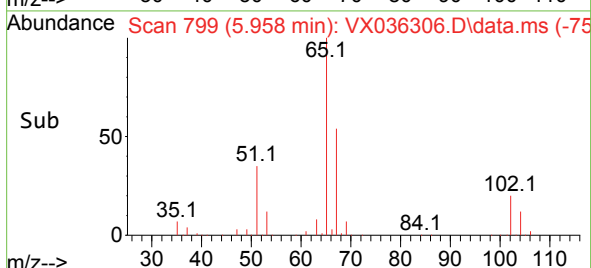
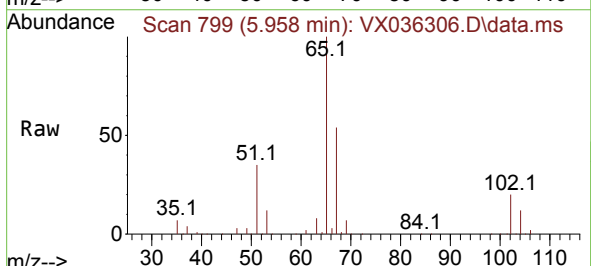


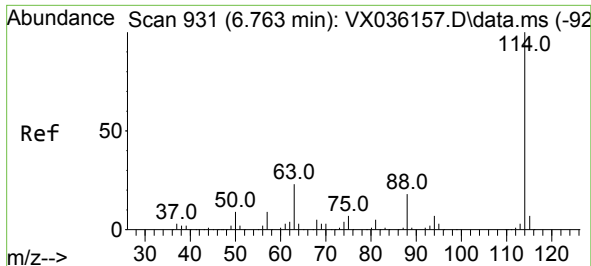
Tgt Ion: 56 Resp: 5123
Ion Ratio Lower Upper
56 100
69 157.1 23.4 35.2#
84 144.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.551 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

Tgt Ion: 65 Resp: 168743
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

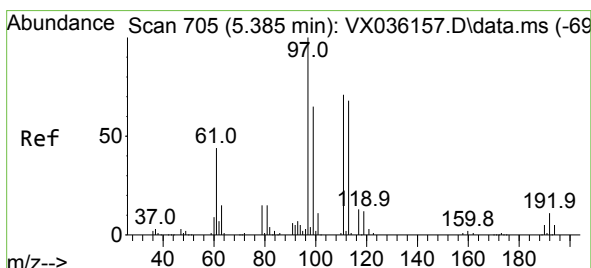
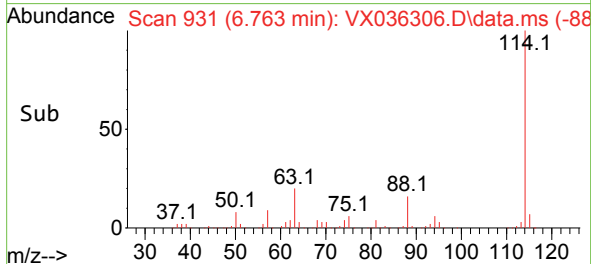
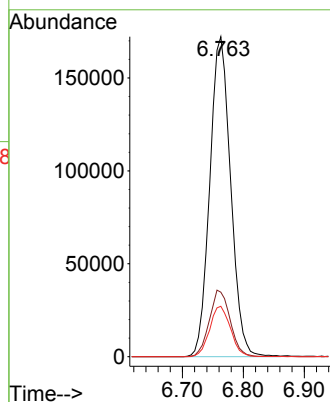
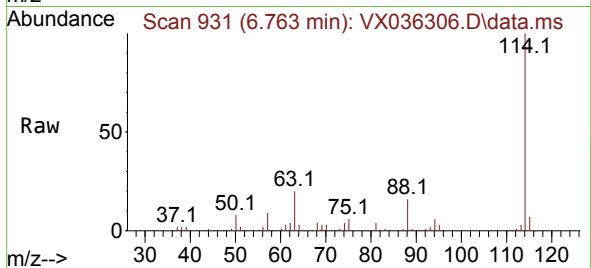




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

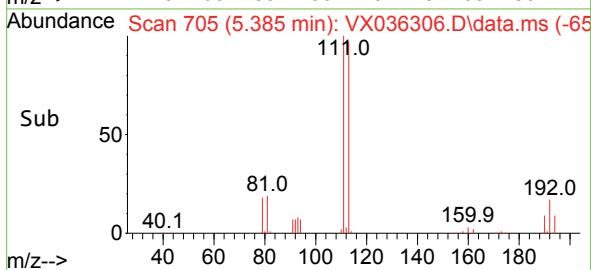
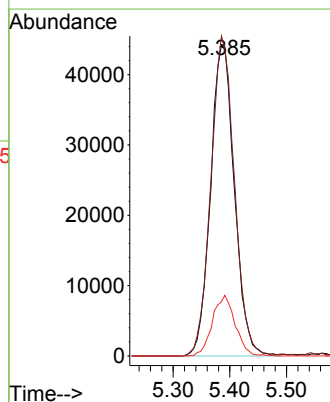
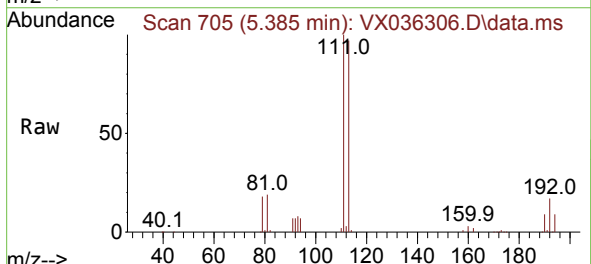
Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023

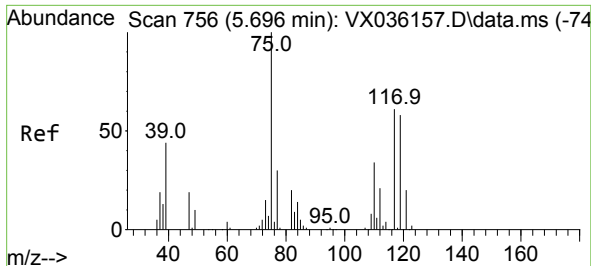
Tgt Ion:114 Resp: 409871
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.772 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

Tgt Ion:113 Resp: 129108
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.6 13.3 19.9

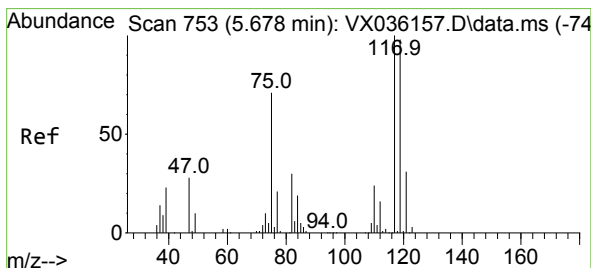
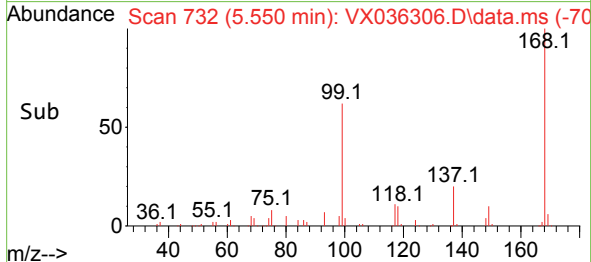
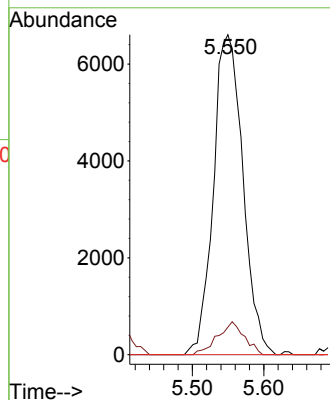
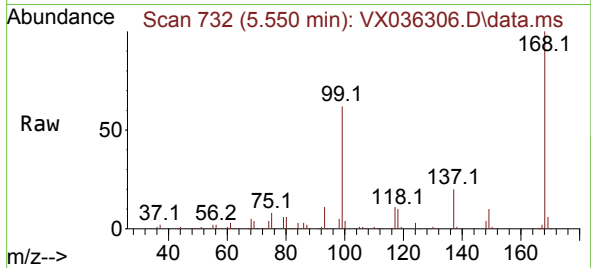




#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

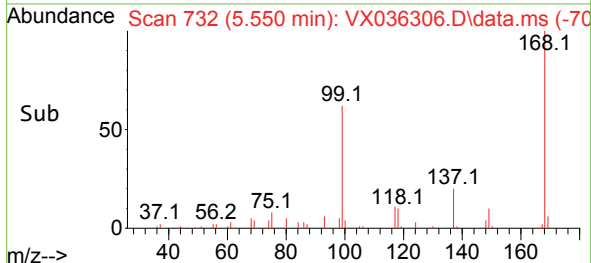
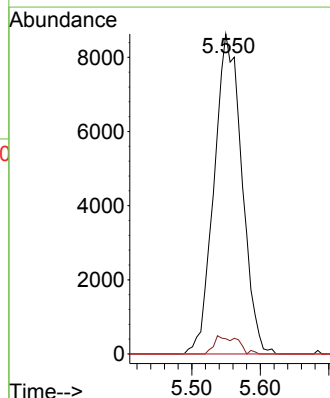
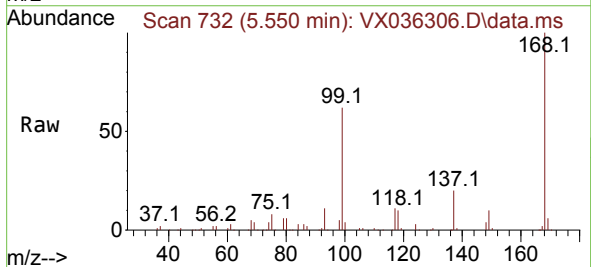
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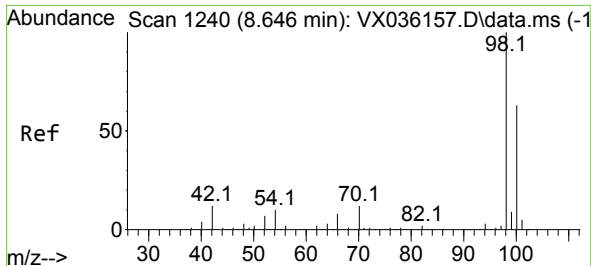
Tgt Ion: 75 Resp: 18885
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.599 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

Tgt Ion: 117 Resp: 24281
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

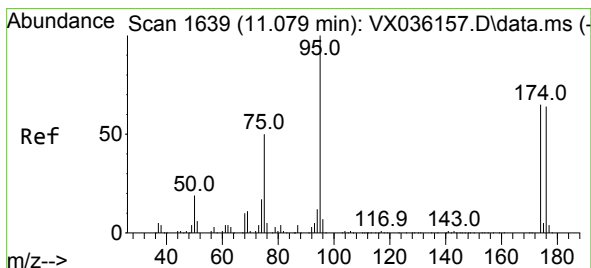
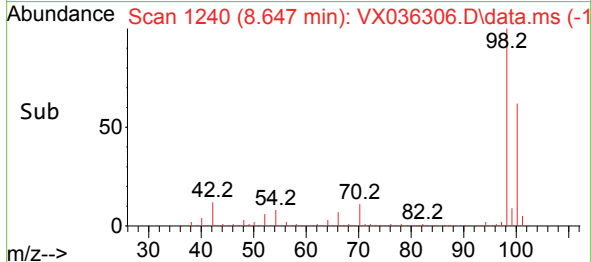
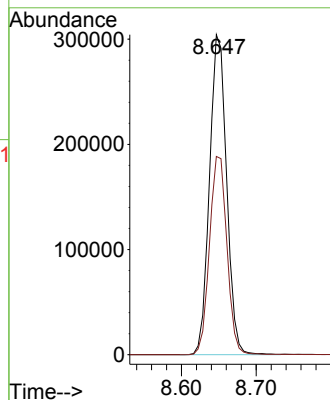
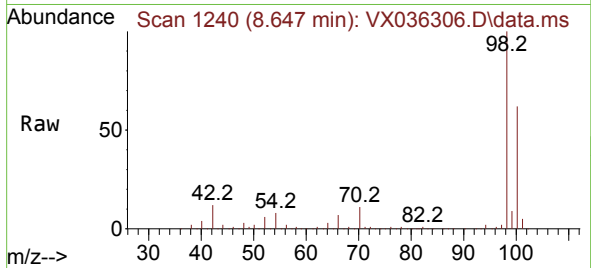




#50
Toluene-d8
Concen: 47.927 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

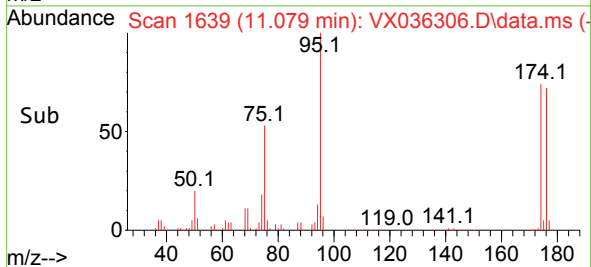
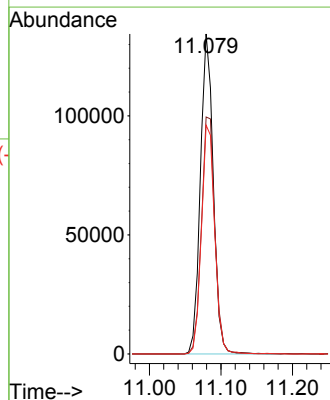
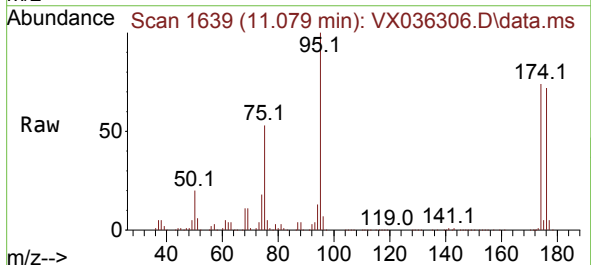
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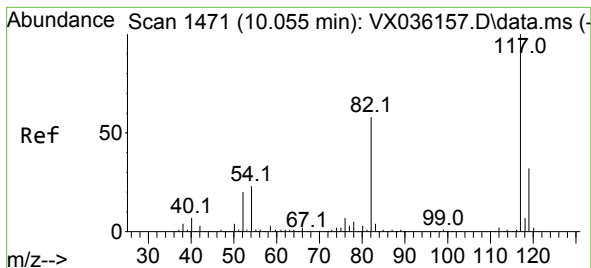
Tgt Ion: 98 Resp: 483781
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.327 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

Tgt Ion: 95 Resp: 168272
Ion Ratio Lower Upper
95 100
174 77.2 0.0 135.6
176 73.5 0.0 131.0

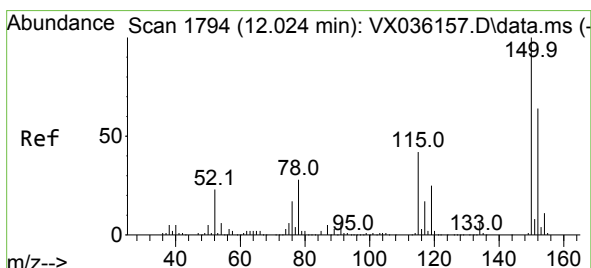
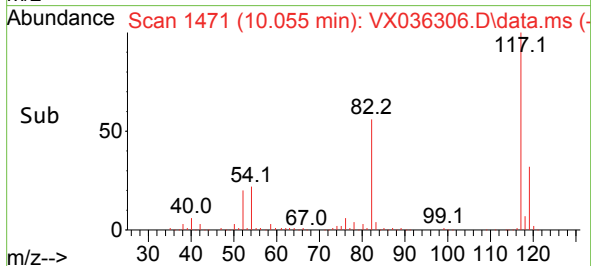
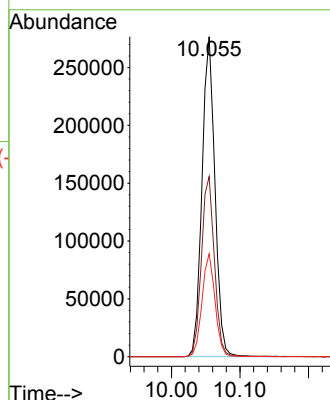
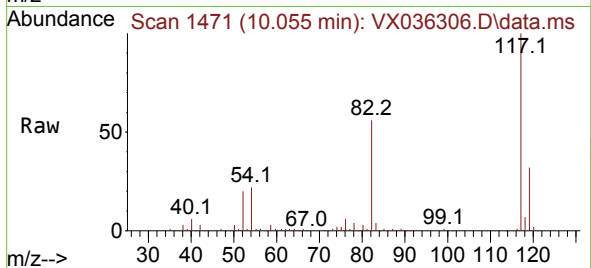




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

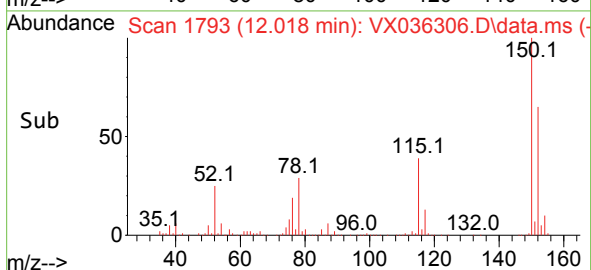
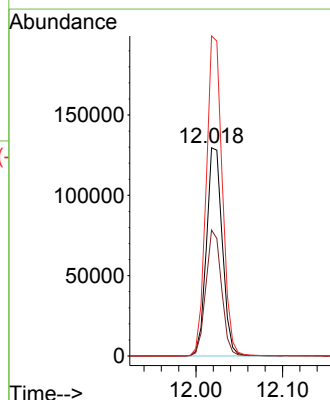
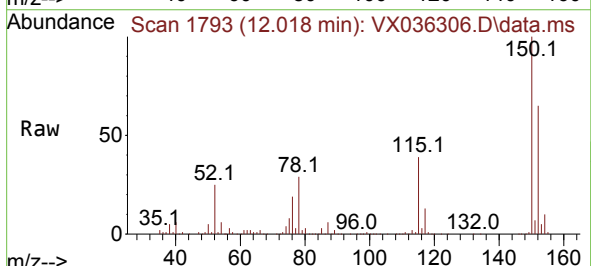
Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023

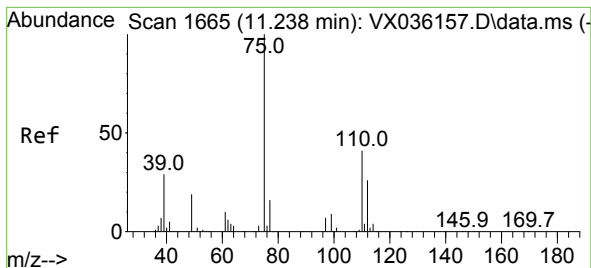
Tgt Ion:117 Resp: 363226
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036306.D
Acq: 24 Jun 2023 13:07

Tgt Ion:152 Resp: 164968
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 156.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.954 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036306.D

Acq: 24 Jun 2023 13:07

Instrument :

MSVOA_X

ClientSampleId :

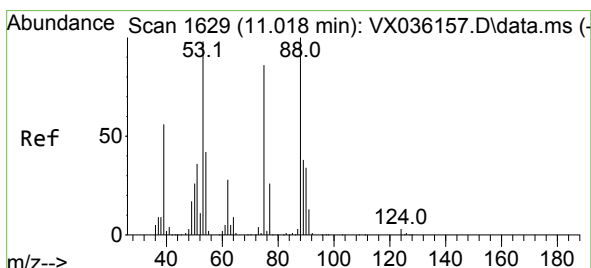
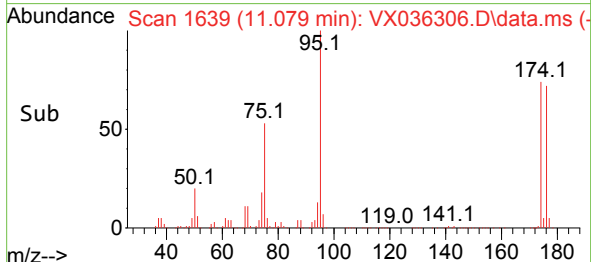
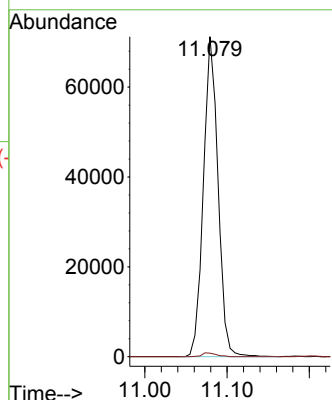
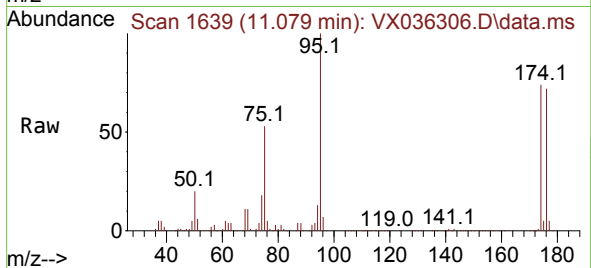
TB-06-2023

Tgt Ion: 75 Resp: 87809

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.344 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036306.D

Acq: 24 Jun 2023 13:07

Tgt Ion: 75 Resp: 87809

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

