

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036248.D
 Acq On : 20 Jun 2023 17:15
 Operator : JC/MD
 Sample : 03339-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Jun 21 02:52:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	157826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	304299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151244	52.439	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.880%
35) Dibromofluoromethane	5.385	113	99255	48.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.647	98	361356	47.874	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.740%
62) 4-Bromofluorobenzene	11.079	95	139005	45.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%

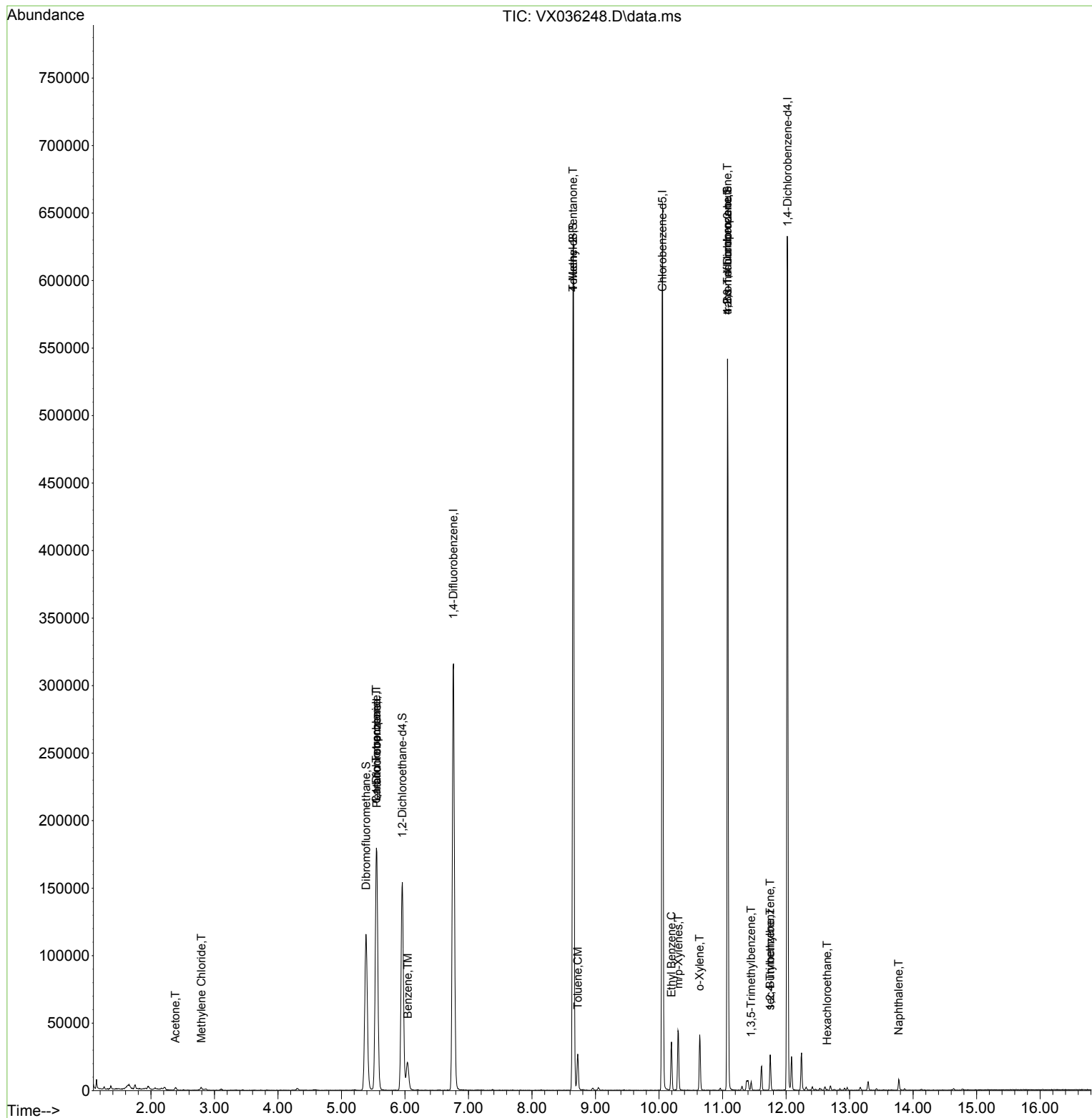
Target Compounds			Qvalue			
16) Acetone	2.386	43	2570	2.145	ug/l #	86
20) Methylene Chloride	2.794	84	693	0.319	ug/l #	79
36) 1,1-Dichloropropene	5.550	75	14909	4.905	ug/l #	45
38) Carbon Tetrachloride	5.550	117	17580	5.949	ug/l #	17
40) Benzene	6.043	78	23435	2.742	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1990	0.582	ug/l #	1
52) Toluene	8.720	92	9630	1.799	ug/l	98
67) Ethyl Benzene	10.195	91	20347	2.063	ug/l	96
68) m/p-Xylenes	10.305	106	10283	2.764	ug/l	100
69) o-Xylene	10.640	106	8798	2.397	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	76815	27.271	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	2529	0.337	ug/l	89
81) trans-1,4-Dichloro-2-b...	11.079	75	76815	95.454	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	10714	1.432	ug/l	96
85) sec-Butylbenzene	11.750	105	10714	1.207	ug/l #	57
90) Hexachloroethane	12.646	117	314	0.268	ug/l #	17
95) Naphthalene	13.774	128	5420	0.718	ug/l #	95

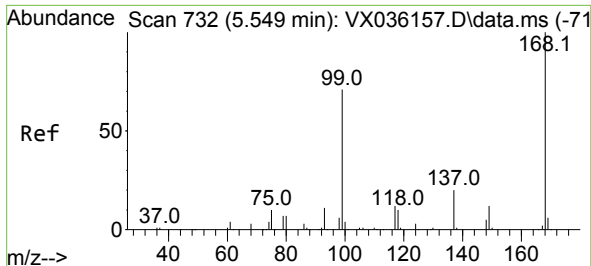
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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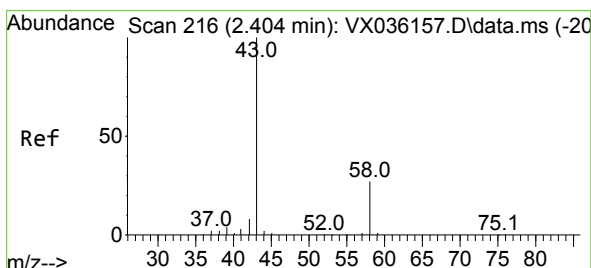
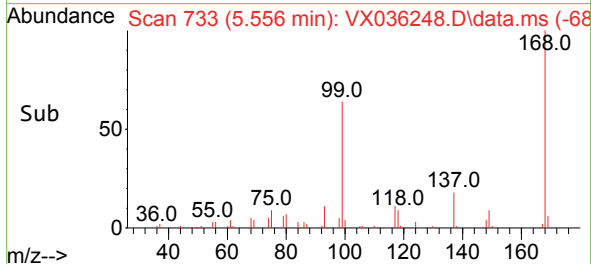
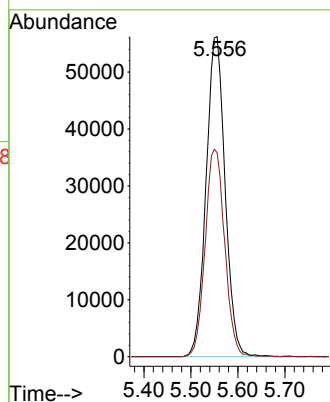
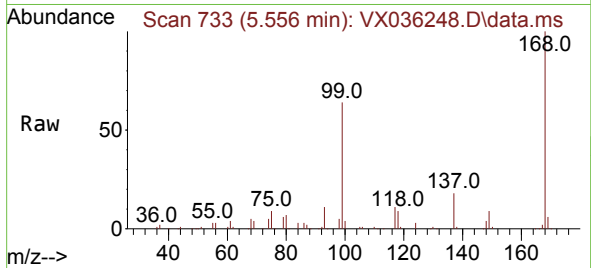




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

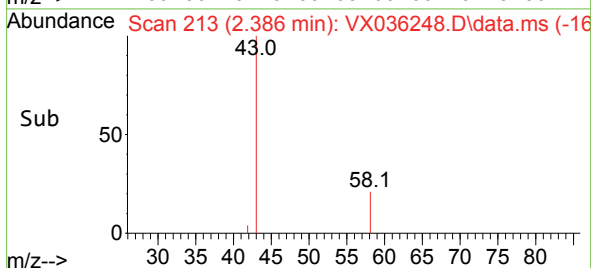
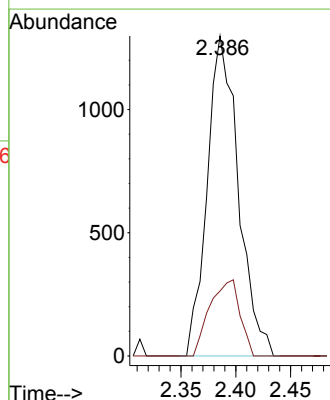
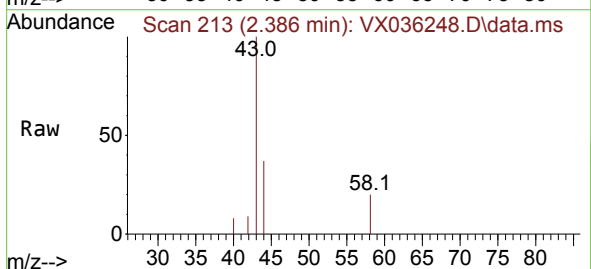
Instrument :
MSVOA_X
ClientSampleId :
MW-12

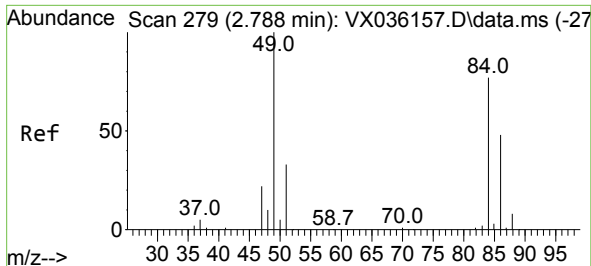
Tgt Ion:168 Resp: 157826
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#16
Acetone
Concen: 2.145 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 43 Resp: 2570
Ion Ratio Lower Upper
43 100
58 20.3 21.9 32.9#

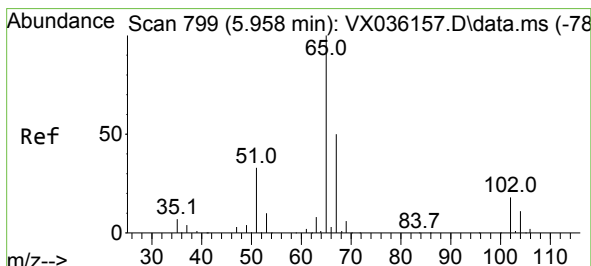
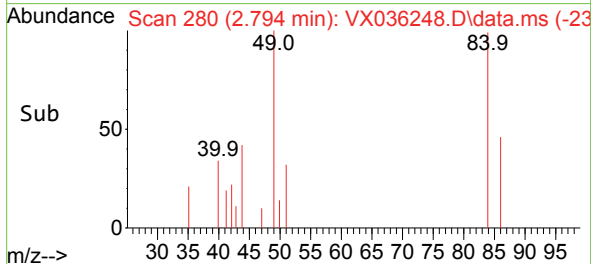
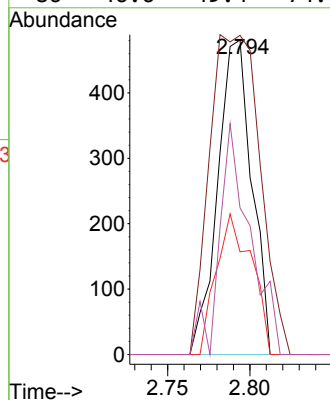
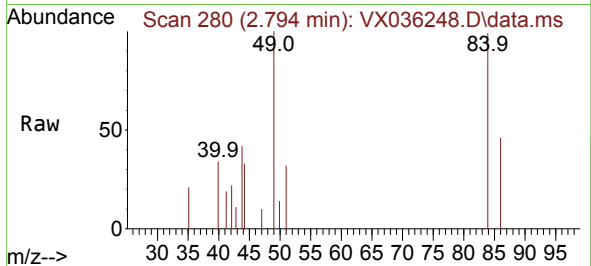




#20
Methylene Chloride
Concen: 0.319 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

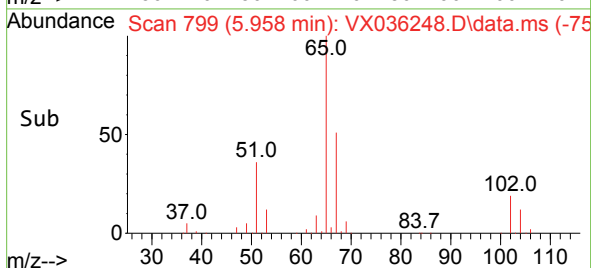
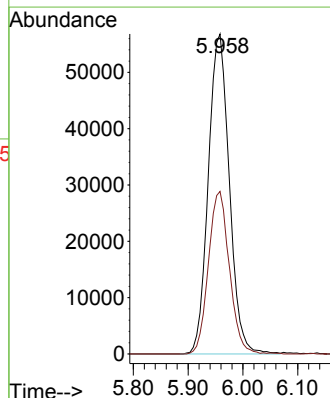
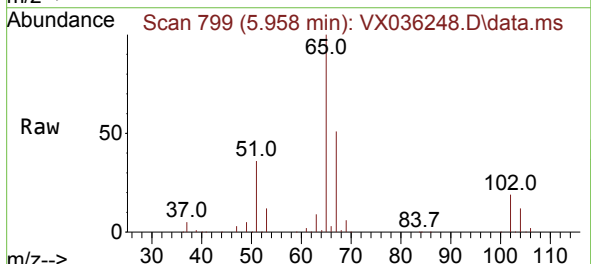
Instrument :
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ClientSampleId :
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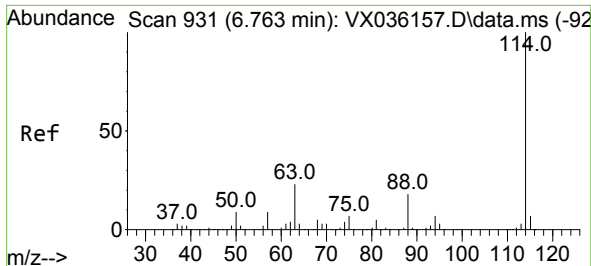
Tgt Ion:	84	Resp:	693
Ion	Ratio	Lower	Upper
84	100		
49	101.5	103.6	155.4#
51	32.6	33.8	50.6#
86	46.6	49.4	74.0#



#33
1,2-Dichloroethane-d4
Concen: 52.439 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion:	65	Resp:	151244
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	100.2

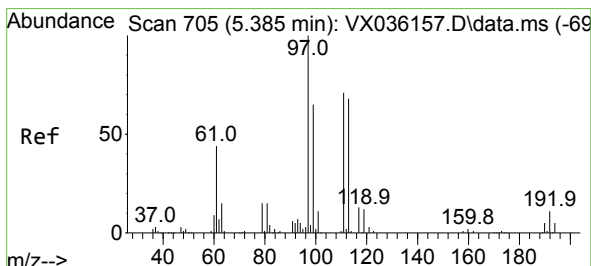
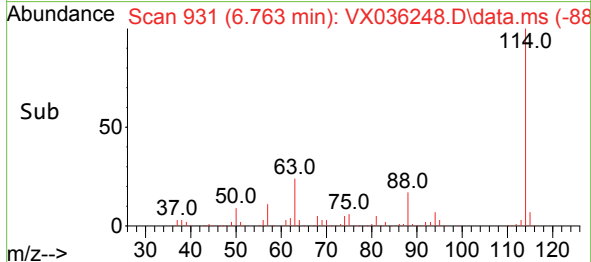
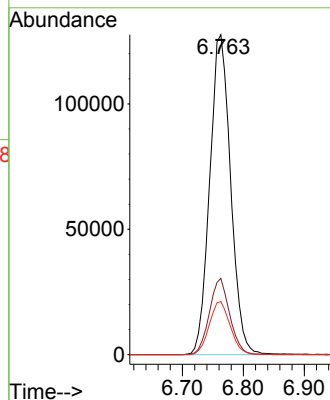
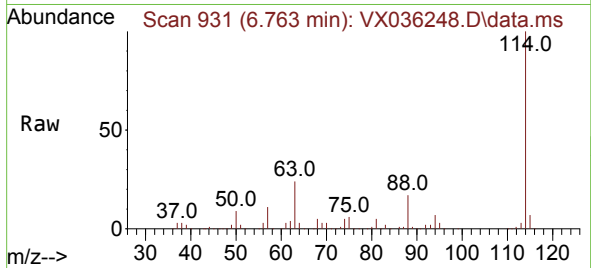




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

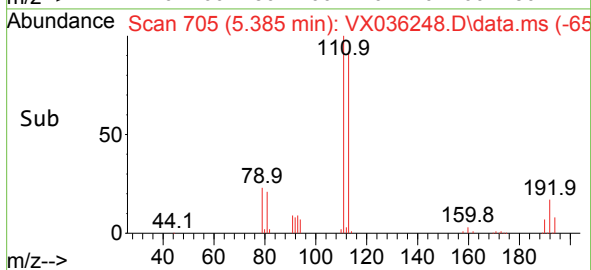
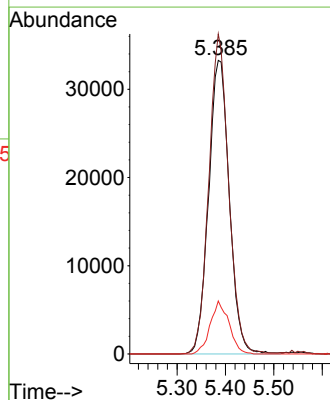
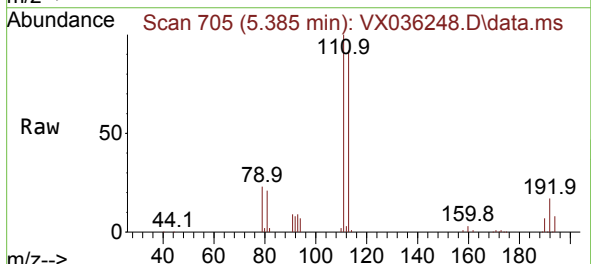
Instrument :
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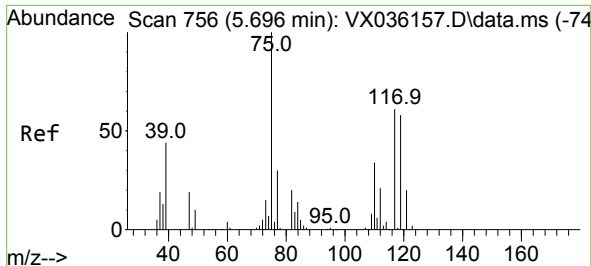
Tgt Ion:114 Resp: 304299
Ion Ratio Lower Upper
114 100
63 23.9 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.100 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion:113 Resp: 99255
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 16.4 13.3 19.9

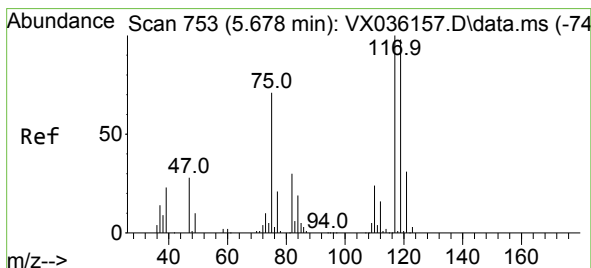
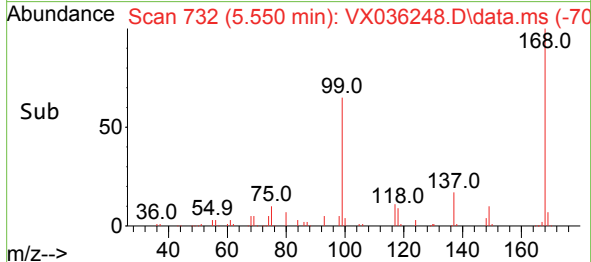
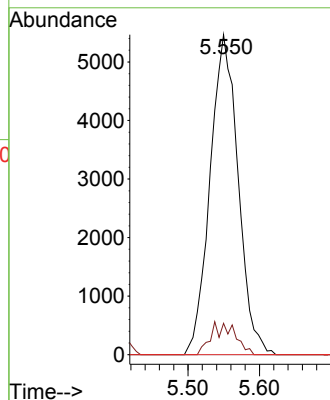
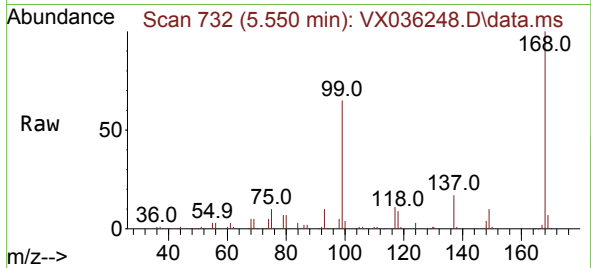




#36
1,1-Dichloropropene
Concen: 4.905 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

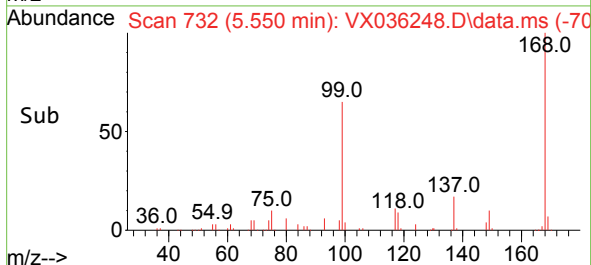
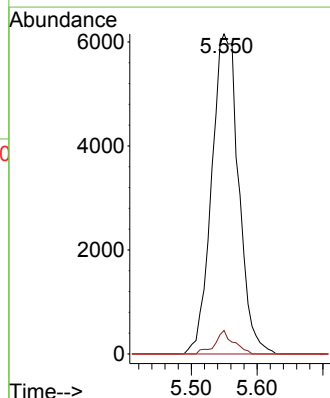
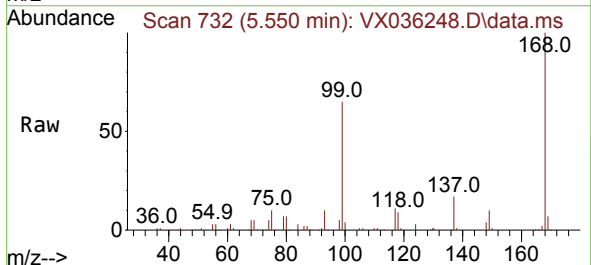
Instrument :
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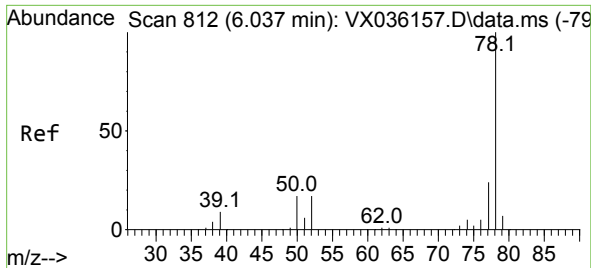
Tgt Ion: 75 Resp: 14909
Ion Ratio Lower Upper
75 100
110 3.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.949 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 117 Resp: 17580
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 24.4 36.6#

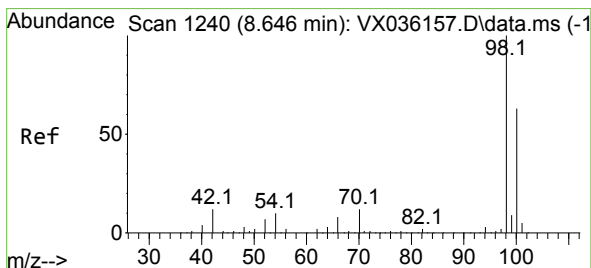
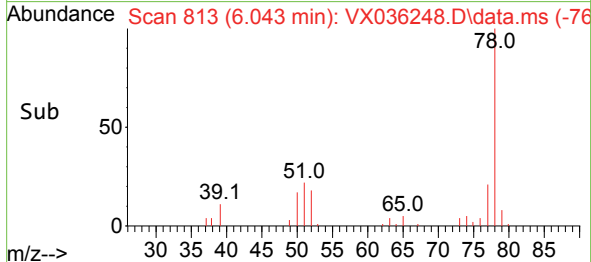
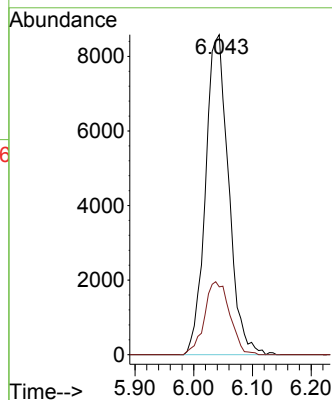
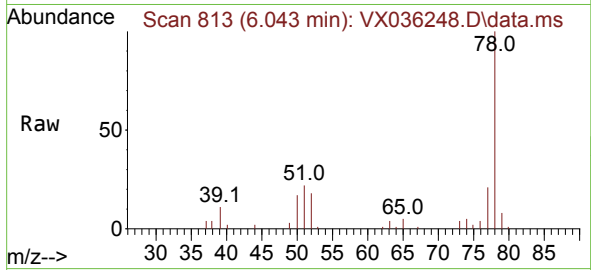




#40
Benzene
Concen: 2.742 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

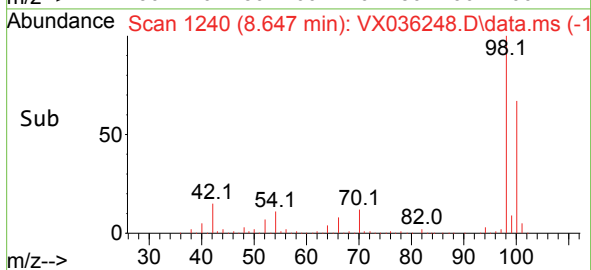
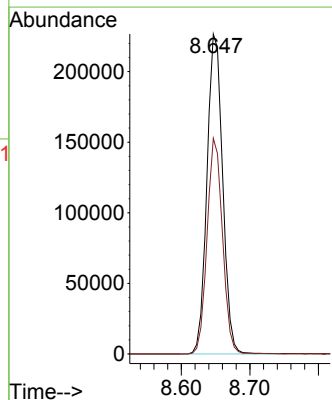
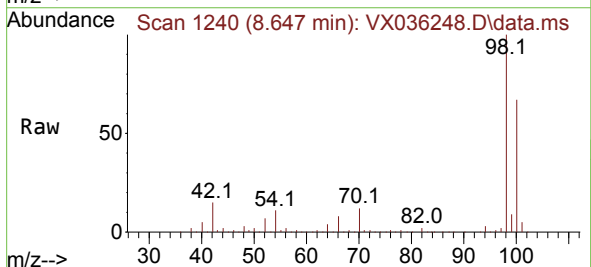
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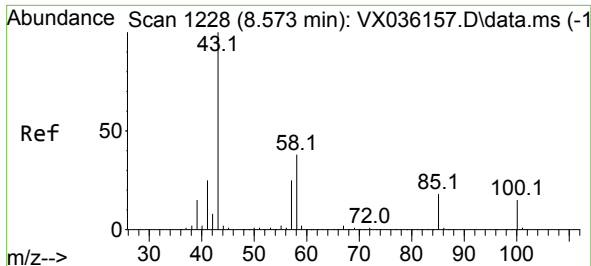
Tgt Ion: 78 Resp: 23435
Ion Ratio Lower Upper
78 100
77 21.2 19.3 28.9



#50
Toluene-d8
Concen: 47.874 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 98 Resp: 361356
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

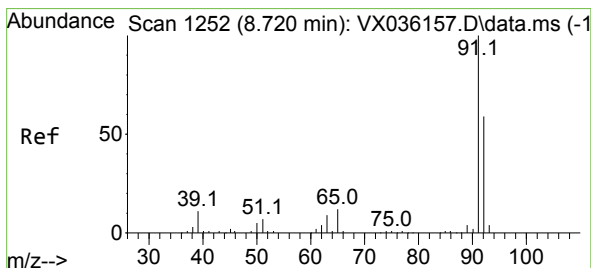
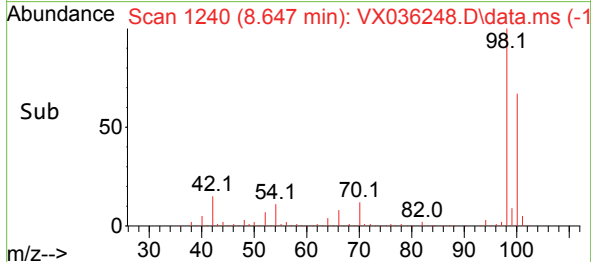
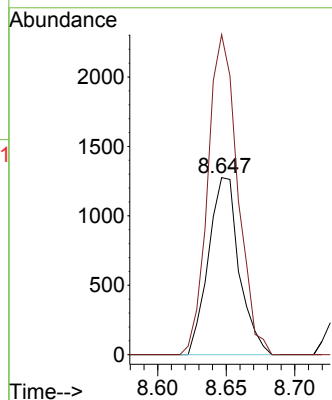
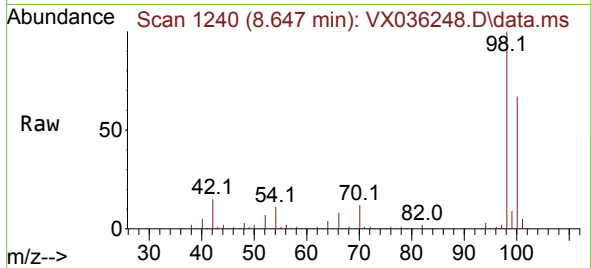




#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

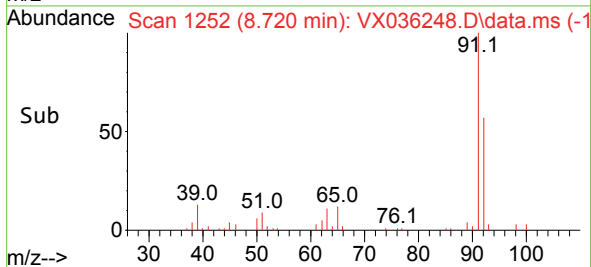
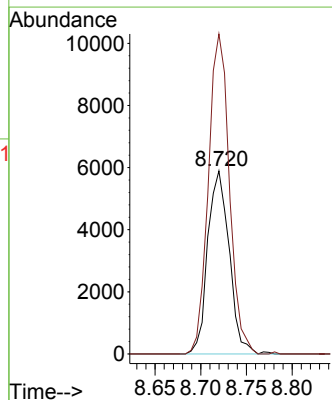
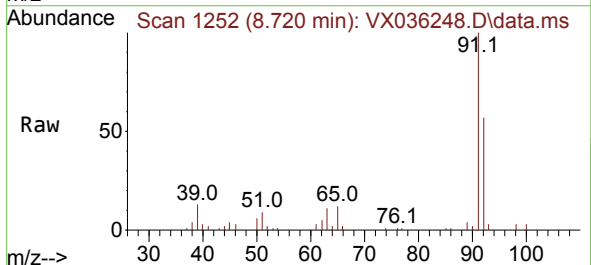
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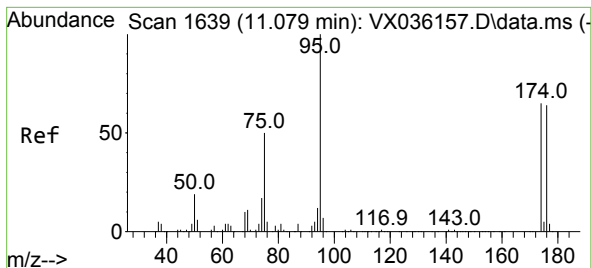
Tgt Ion: 43 Resp: 1990
Ion Ratio Lower Upper
43 100
58 176.2 30.4 45.6#



#52
Toluene
Concen: 1.799 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 92 Resp: 9630
Ion Ratio Lower Upper
92 100
91 170.9 134.2 201.2

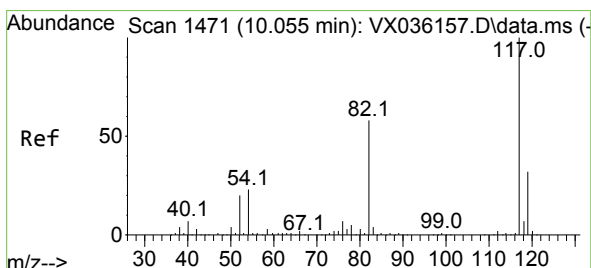
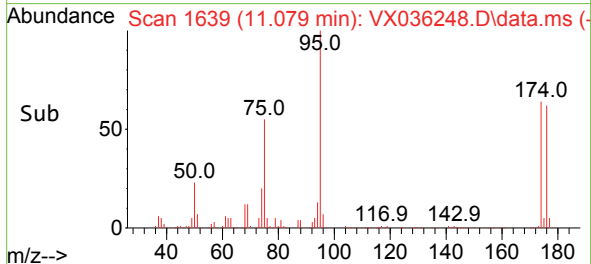
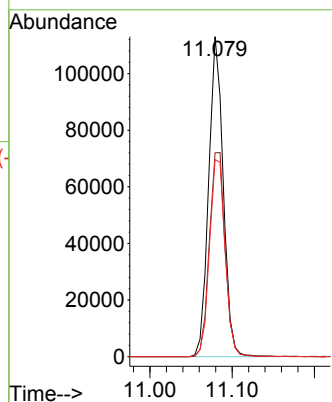
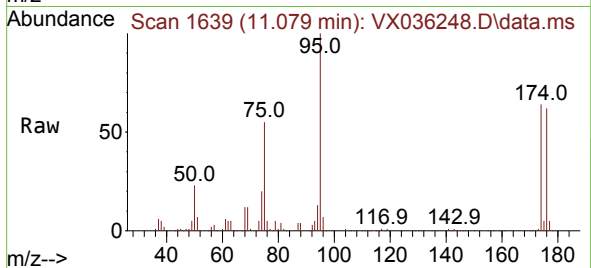




#62
4-Bromofluorobenzene
Concen: 45.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

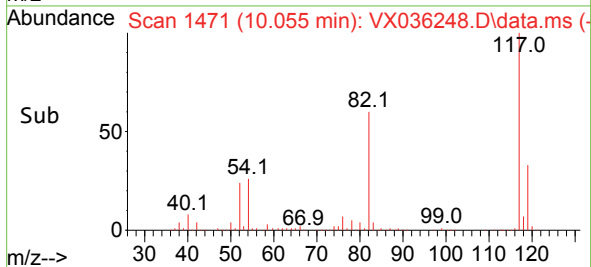
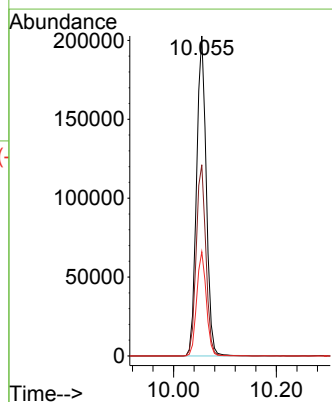
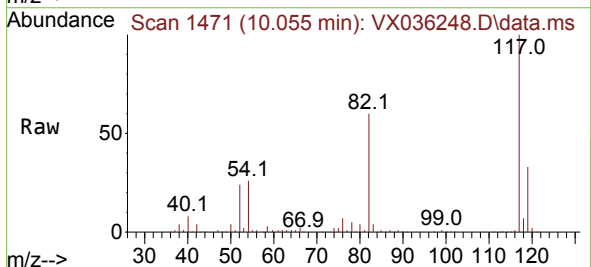
Instrument :
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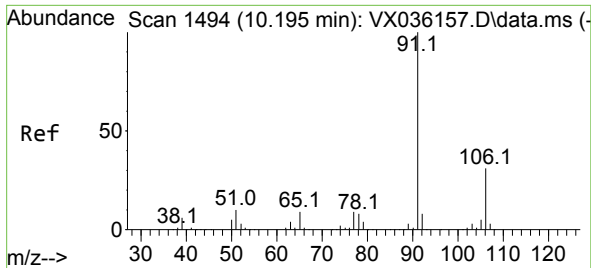
Tgt Ion: 95 Resp: 139005
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.6
176 66.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 117 Resp: 266449
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 32.6 25.5 38.3

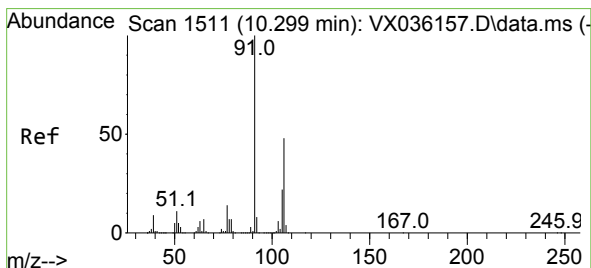
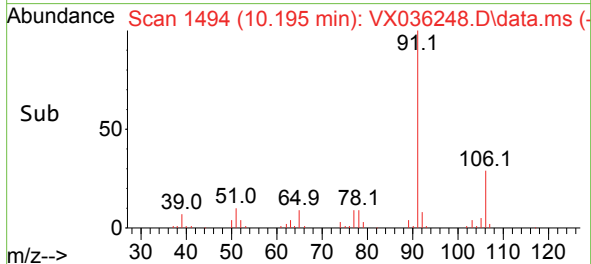
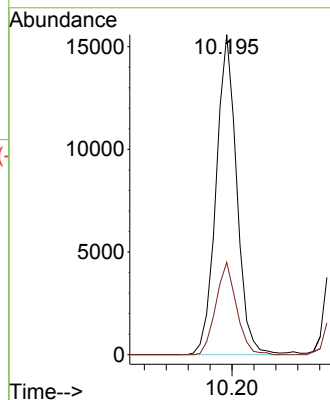
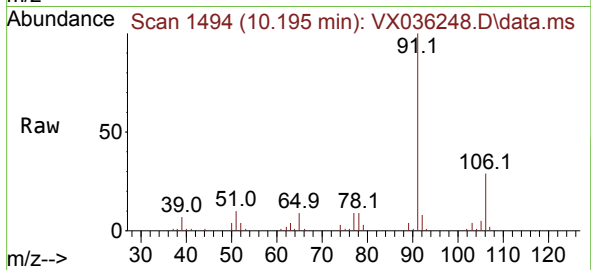




#67
Ethyl Benzene
Concen: 2.063 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

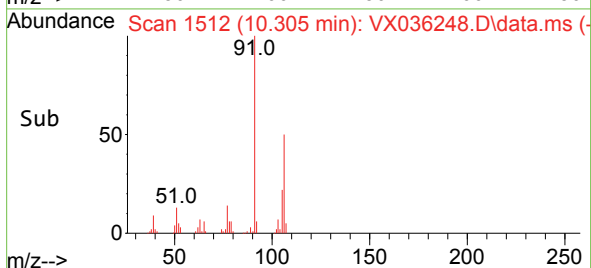
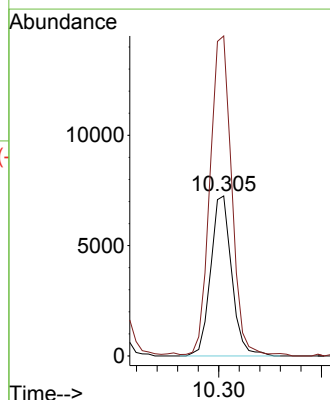
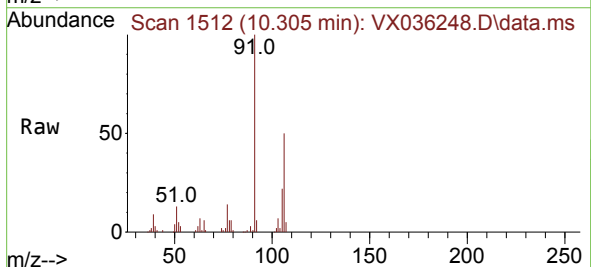
Instrument :
MSVOA_X
ClientSampleId :
MW-12

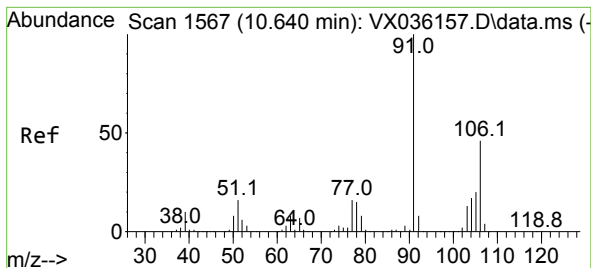
Tgt Ion: 91 Resp: 20347
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3



#68
m/p-Xylenes
Concen: 2.764 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 106 Resp: 10283
Ion Ratio Lower Upper
106 100
91 207.3 165.5 248.3





#69

o-Xylene

Concen: 2.397 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036248.D

Acq: 20 Jun 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

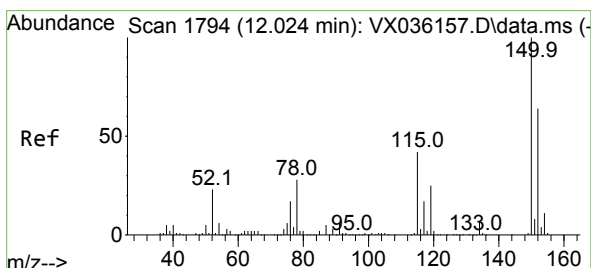
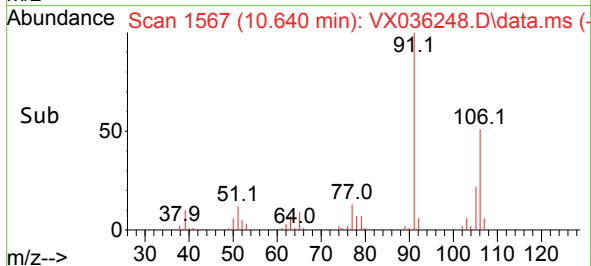
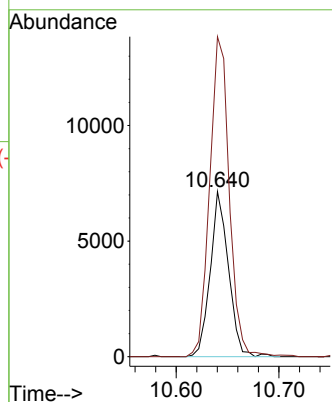
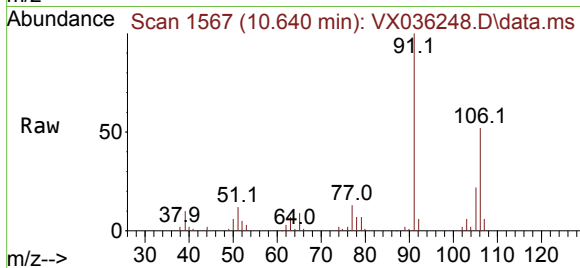
MW-12

Tgt Ion:106 Resp: 8798

Ion Ratio Lower Upper

106 100

91 208.8 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036248.D

Acq: 20 Jun 2023 17:15

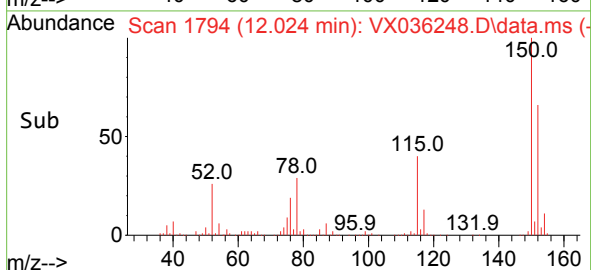
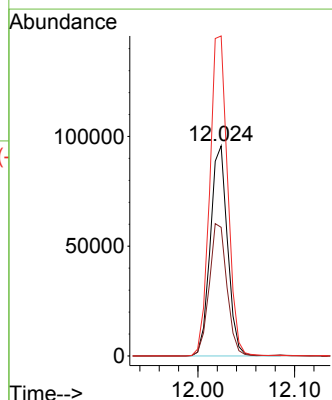
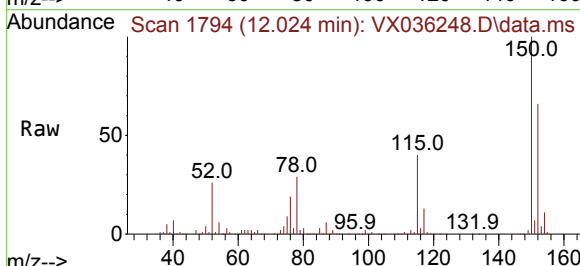
Tgt Ion:152 Resp: 118686

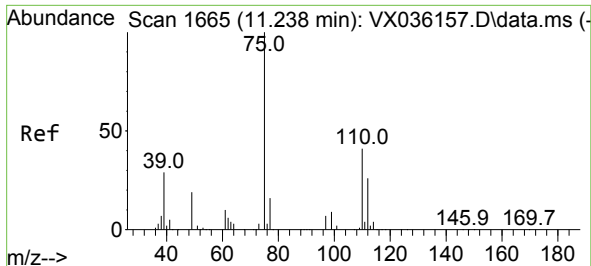
Ion Ratio Lower Upper

152 100

115 64.6 43.3 129.9

150 158.9 0.0 345.0

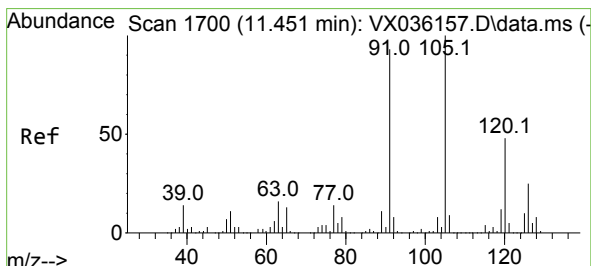
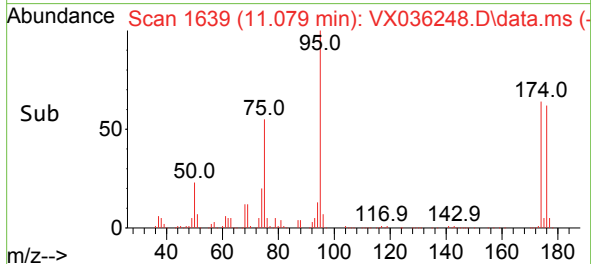
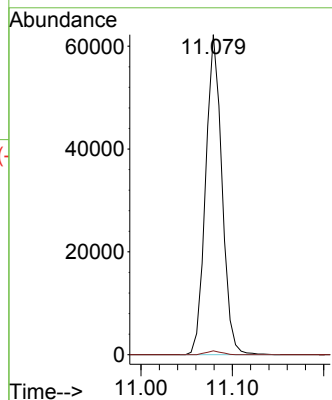
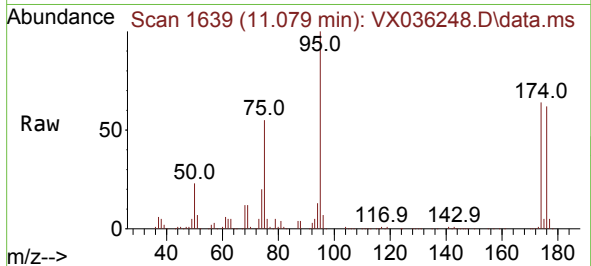




#76
1,2,3-Trichloropropane
Concen: 27.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

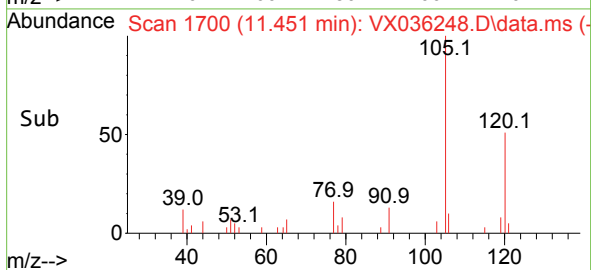
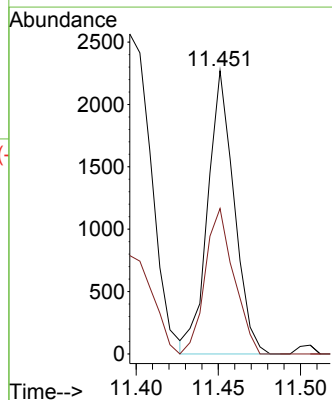
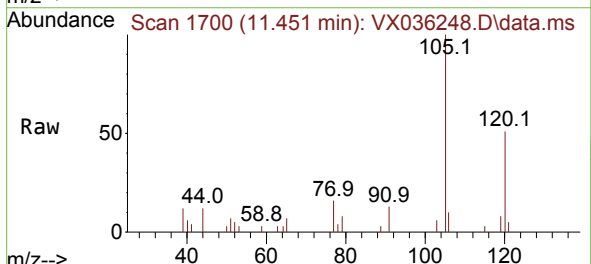
Instrument :
MSVOA_X
ClientSampleId :
MW-12

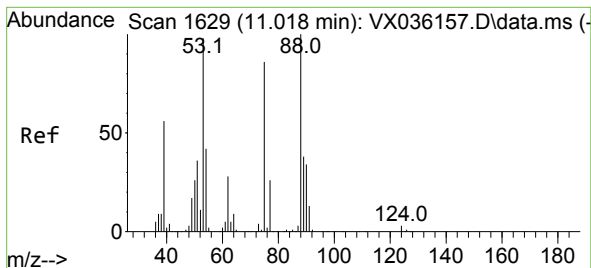
Tgt Ion: 75 Resp: 76815
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.337 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion:105 Resp: 2529
Ion Ratio Lower Upper
105 100
120 55.9 24.1 72.3

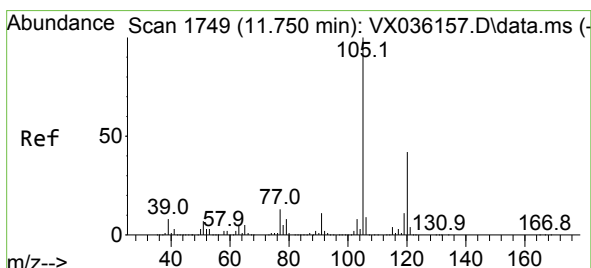
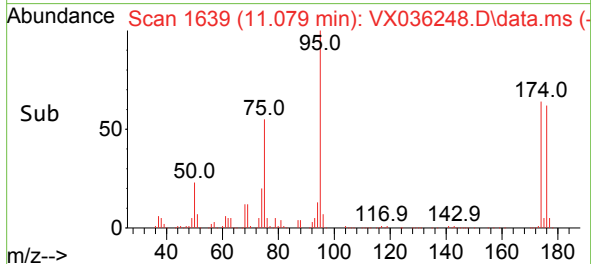
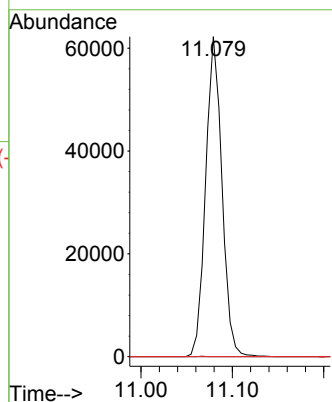
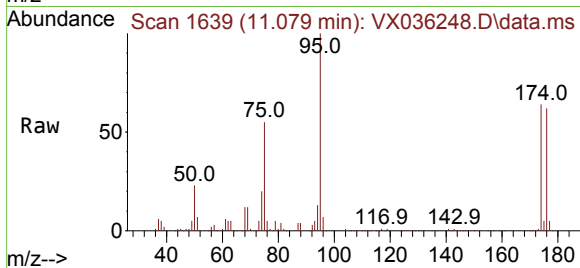




#81
trans-1,4-Dichloro-2-butene
Concen: 95.454 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

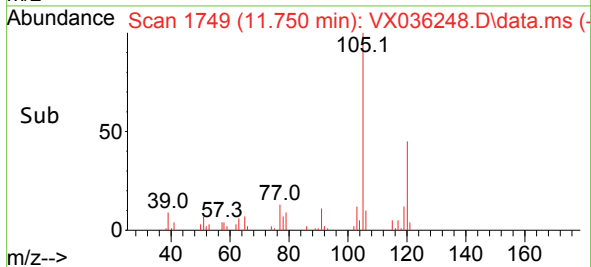
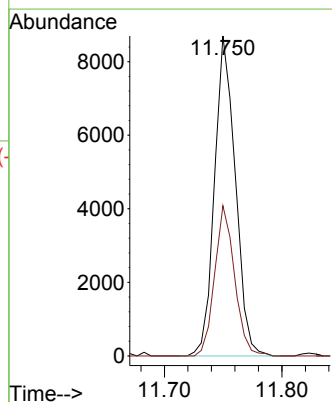
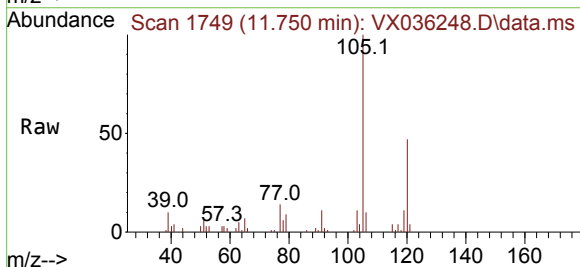
Instrument :
MSVOA_X
ClientSampleId :
MW-12

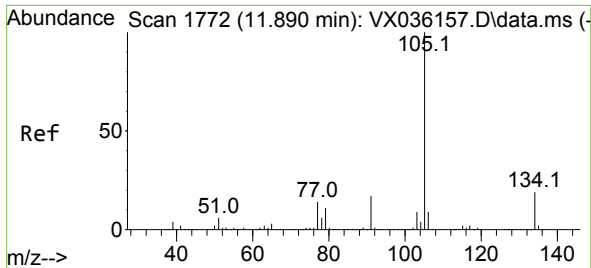
Tgt Ion: 75 Resp: 76815
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.432 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 105 Resp: 10714
Ion Ratio Lower Upper
105 100
120 45.1 21.2 63.6

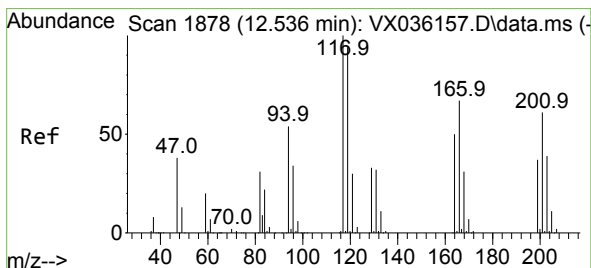
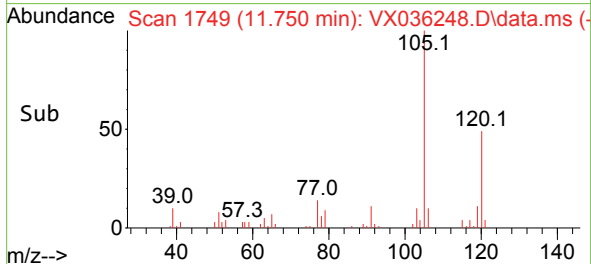
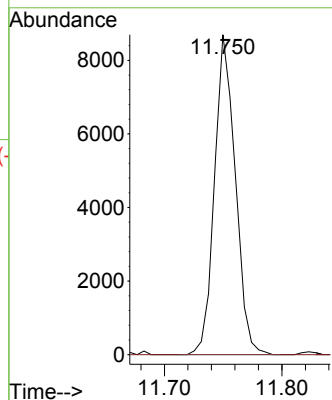
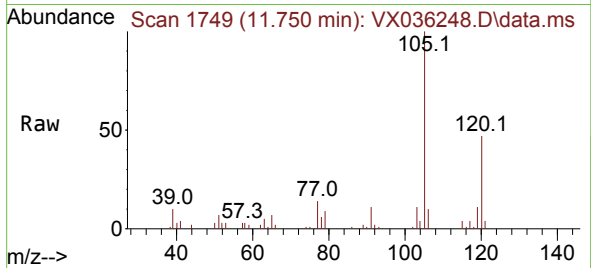




#85
sec-Butylbenzene
Concen: 1.207 ug/l
RT: 11.750 min Scan# 11749
Delta R.T. -0.140 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

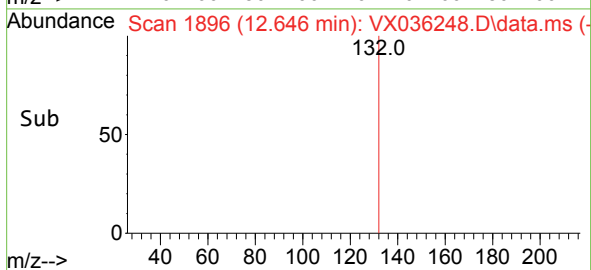
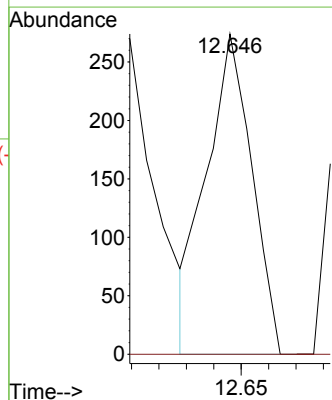
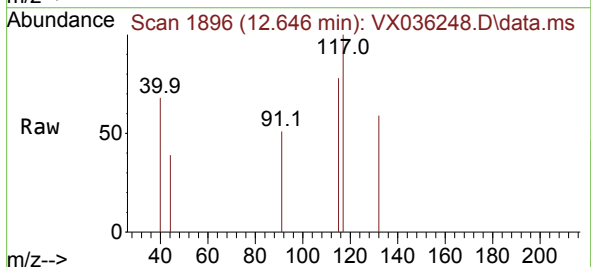
Instrument :
MSVOA_X
ClientSampleId :
MW-12

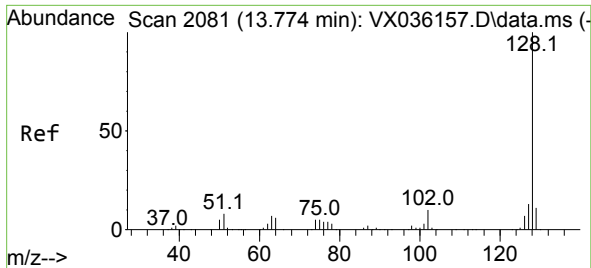
Tgt Ion:105 Resp: 10714
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



#90
Hexachloroethane
Concen: 0.268 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.110 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

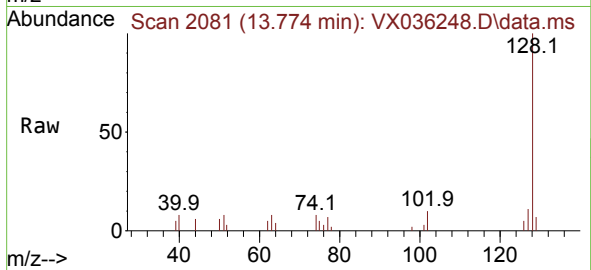
Tgt Ion:117 Resp: 314
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#95
Naphthalene
Concen: 0.718 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-12



Tgt Ion:128 Resp: 5420
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 8.5 8.8 13.2#

