

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036895.D
 Acq On : 09 Aug 2023 18:21
 Operator : JC/MD
 Sample : 03957-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17-0809

Quant Time: Aug 10 01:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

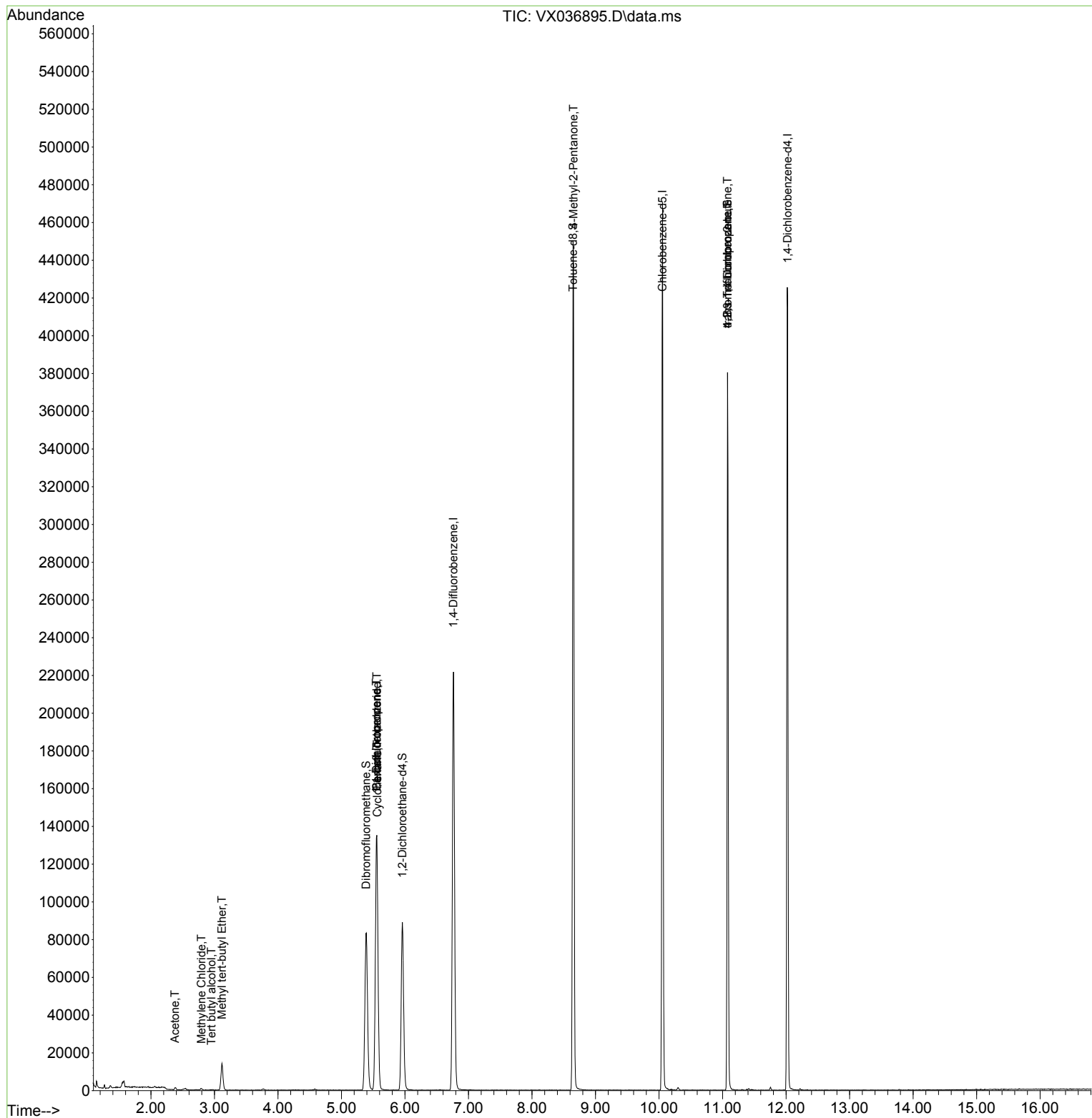
Internal Standards						
1) Pentafluorobenzene	5.556	168	125286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87878	47.404	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.800%
35) Dibromofluoromethane	5.385	113	73532	46.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	272178	48.525	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	100873	47.667	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	337	0.768	ug/l #	78
16) Acetone	2.380	43	1364	1.773	ug/l #	63
19) Methyl tert-butyl Ether	3.117	73	15718	2.981	ug/l	97
20) Methylene Chloride	2.794	84	499	0.292	ug/l #	75
31) Cyclohexane	5.562	56	2671	1.041	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	10153	4.307	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13711	5.470	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1184	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52721	24.914	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52721	56.469	ug/l #	5

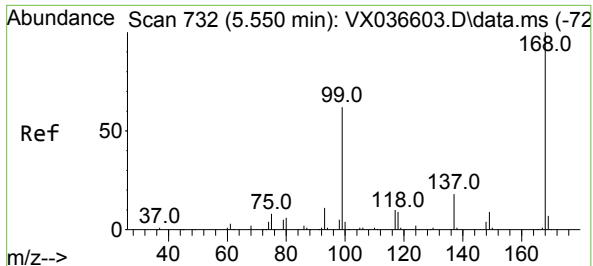
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

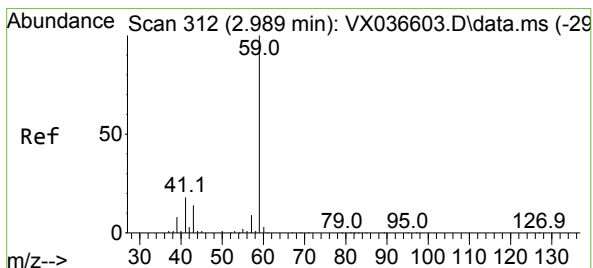
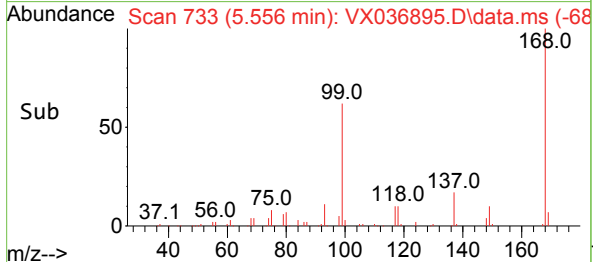
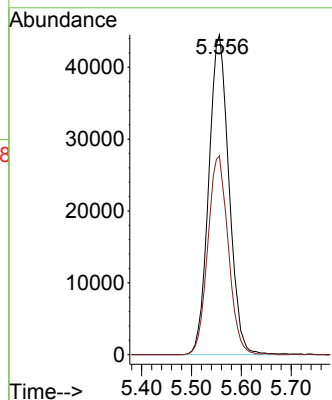
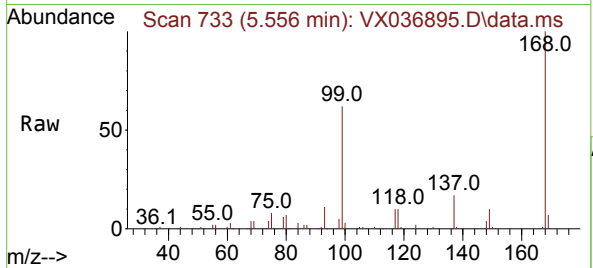




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

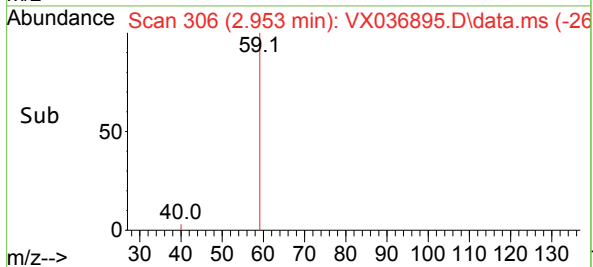
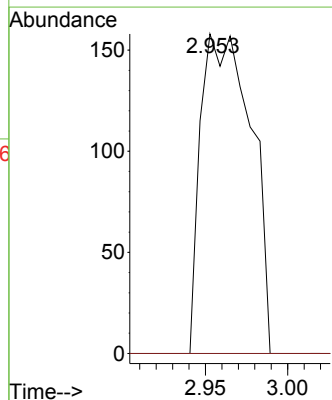
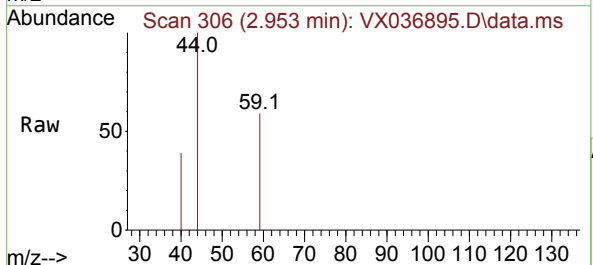
Instrument :
MSVOA_X
ClientSampleId :
MW-17-0809

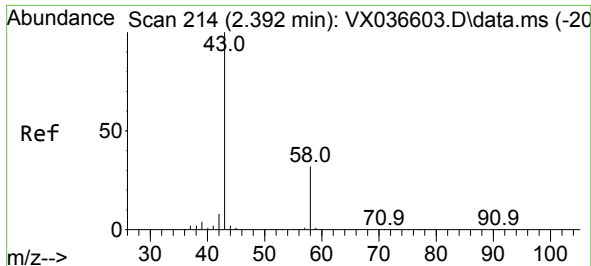
Tgt Ion:168 Resp: 125286
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.768 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

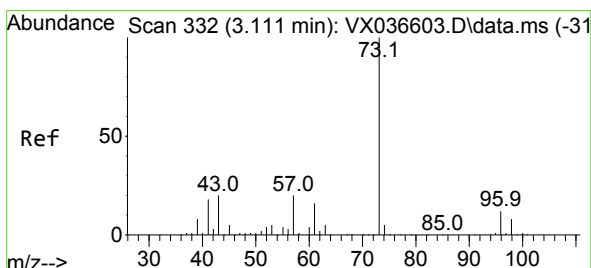
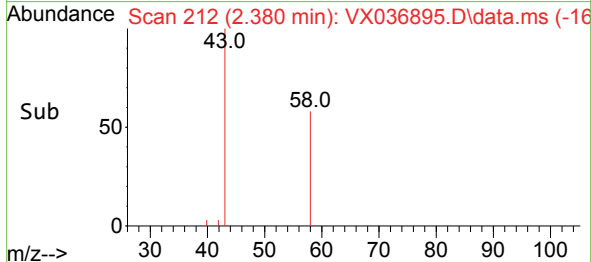
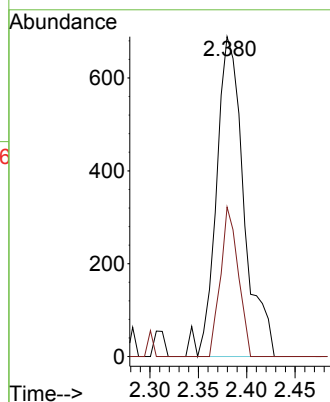
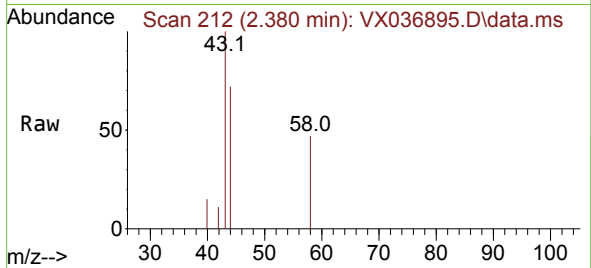




#16
Acetone
Concen: 1.773 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

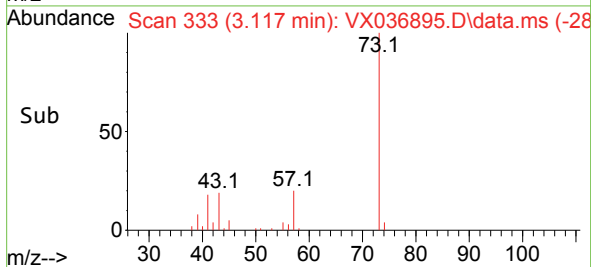
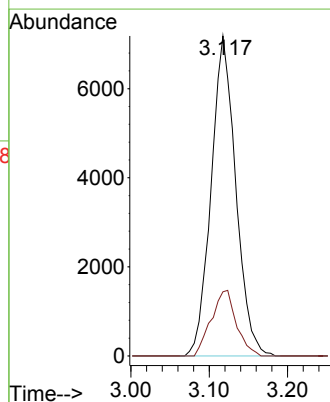
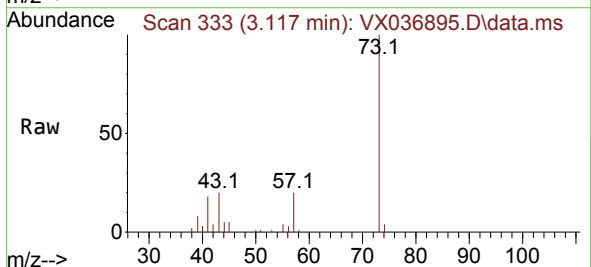
Instrument :
MSVOA_X
ClientSampleId :
MW-17-0809

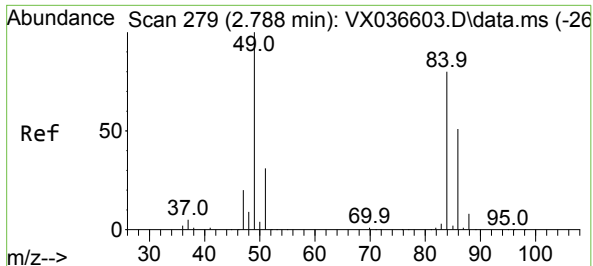
Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 46.7 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 2.981 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Tgt Ion: 73 Resp: 15718
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

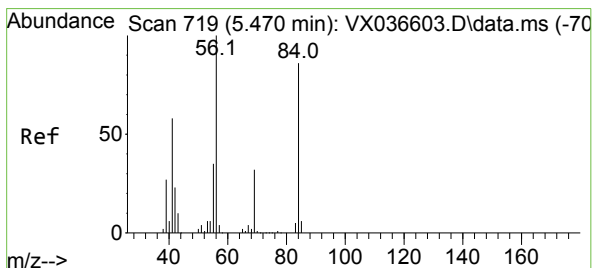
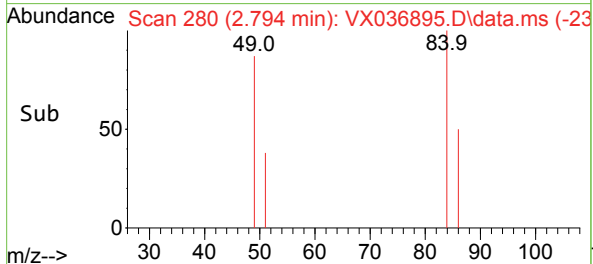
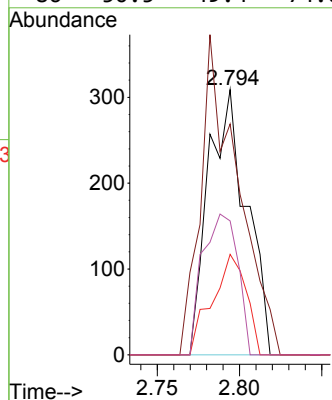
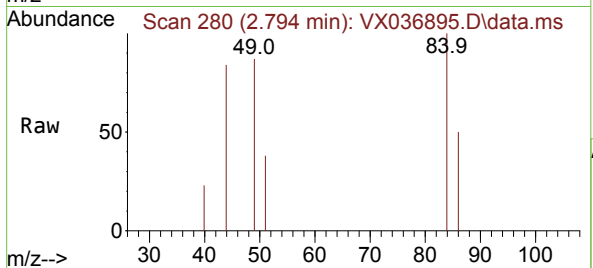




#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

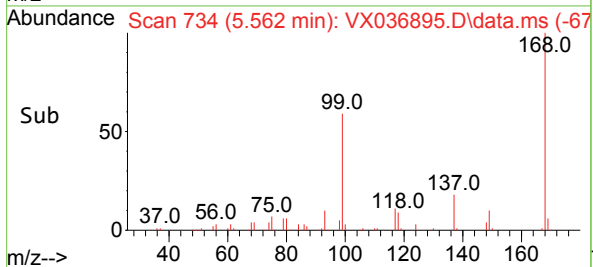
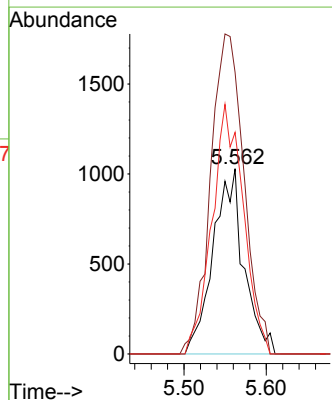
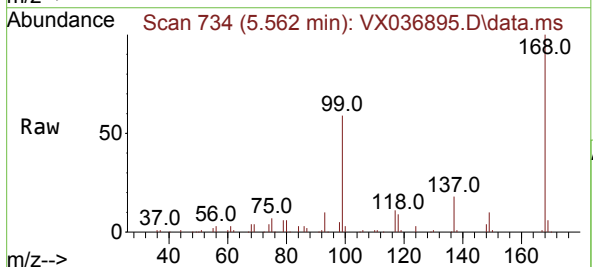
Instrument :
MSVOA_X
ClientSampleId :
MW-17-0809

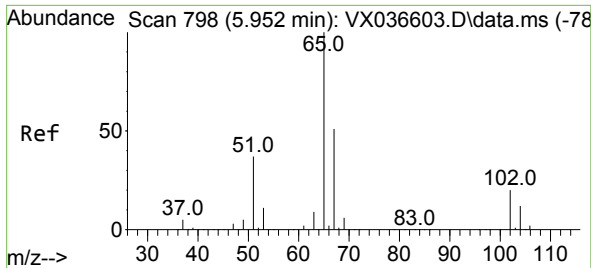
Tgt Ion:	84	Resp:	499
Ion	Ratio	Lower	Upper
84	100		
49	87.1	103.6	155.4#
51	37.9	33.8	50.6
86	50.5	49.4	74.0



#31
Cyclohexane
Concen: 1.041 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Tgt Ion:	56	Resp:	2671
Ion	Ratio	Lower	Upper
56	100		
69	151.9	23.4	35.2#
84	119.5	65.9	98.9#

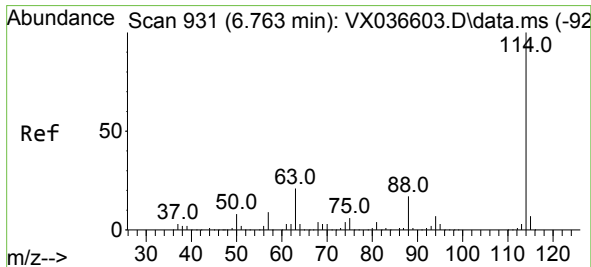
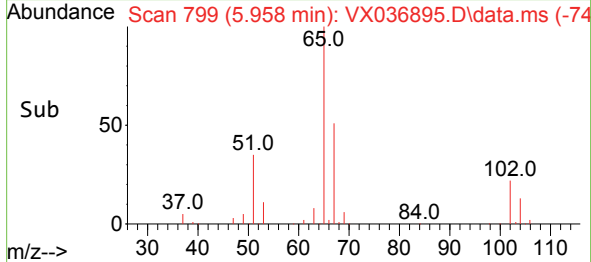
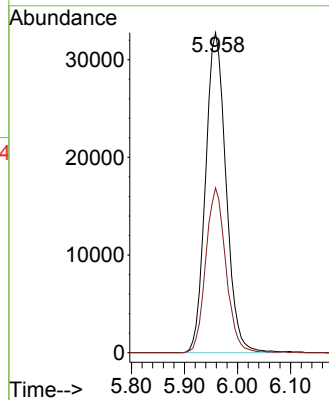
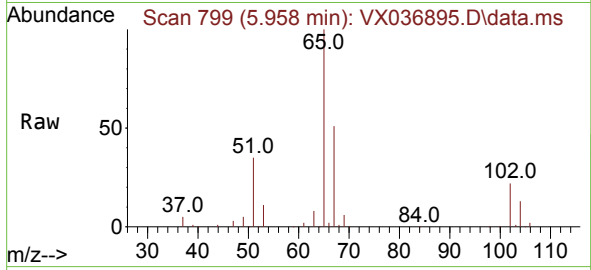




#33
 1,2-Dichloroethane-d4
 Concen: 47.404 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036895.D
 Acq: 09 Aug 2023 18:21

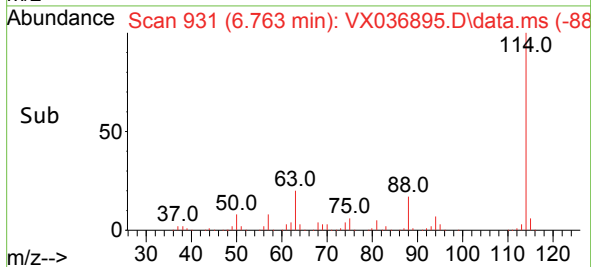
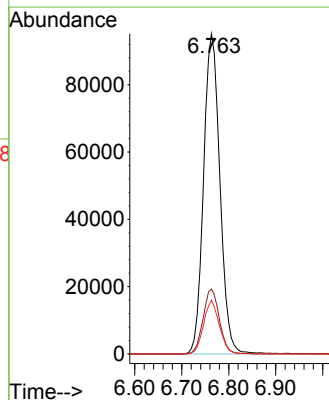
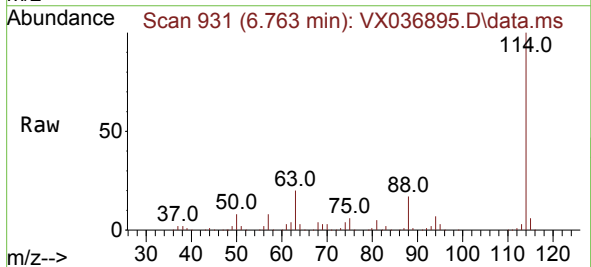
Instrument :
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 ClientSampleId :
 MW-17-0809

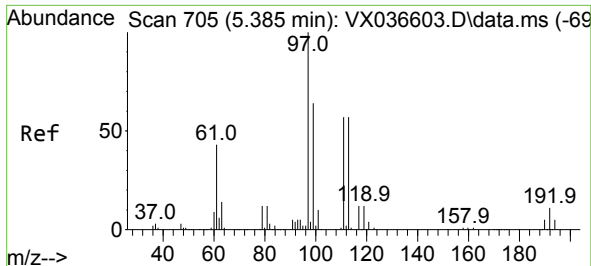
Tgt Ion: 65 Resp: 87878
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036895.D
 Acq: 09 Aug 2023 18:21

Tgt Ion: 114 Resp: 230118
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 16.8 0.0 36.6

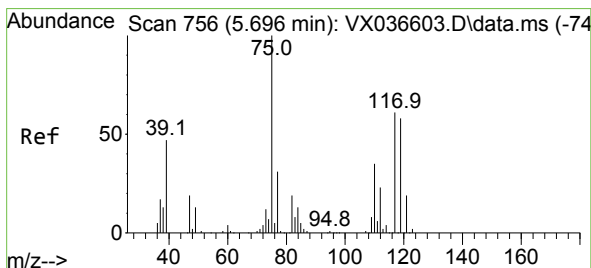
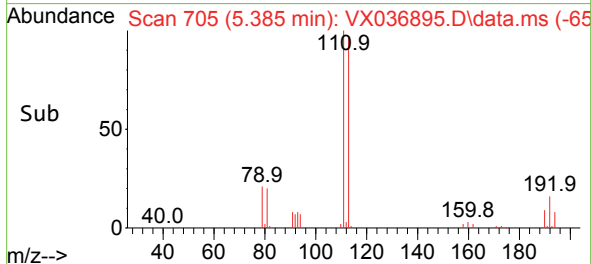
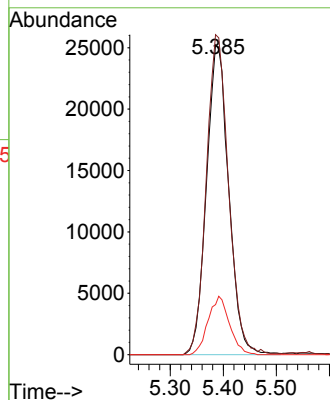
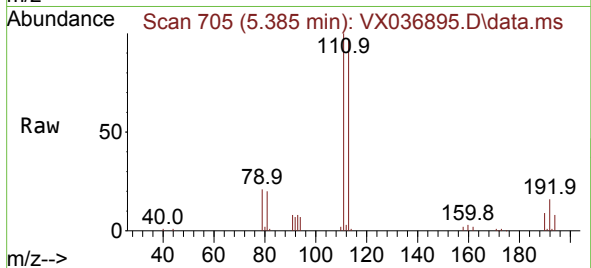




#35
 Dibromofluoromethane
 Concen: 46.489 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX036895.D
 Acq: 09 Aug 2023 18:21

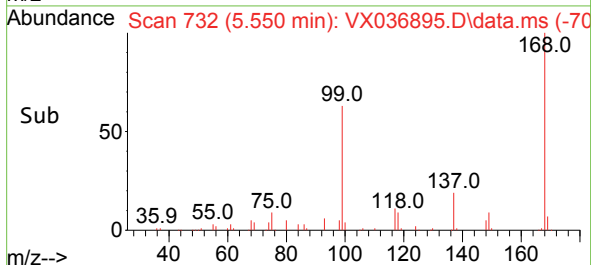
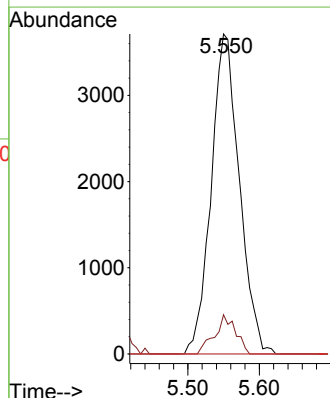
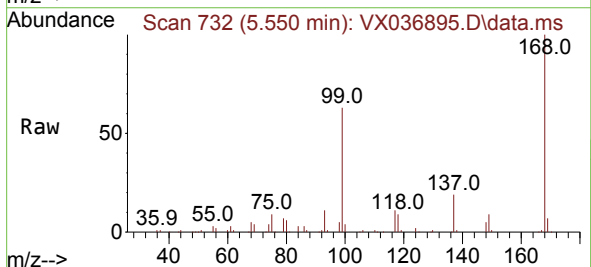
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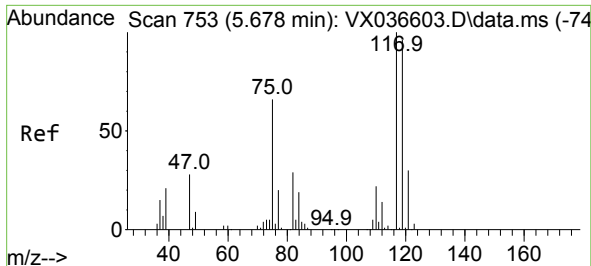
Tgt Ion:113 Resp: 73532
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 18.2 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.307 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.146 min
 Lab File: VX036895.D
 Acq: 09 Aug 2023 18:21

Tgt Ion: 75 Resp: 10153
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.0 50.9#
 77 0.0 24.7 37.1#

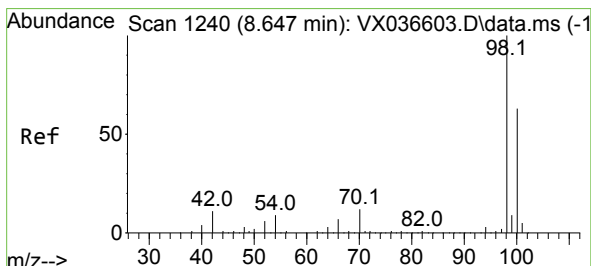
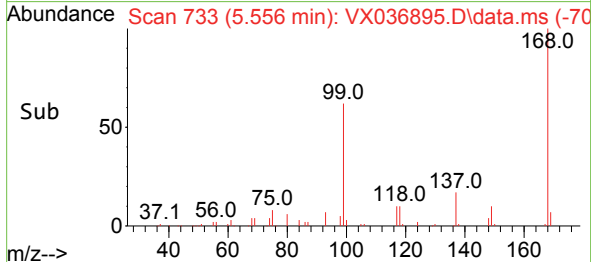
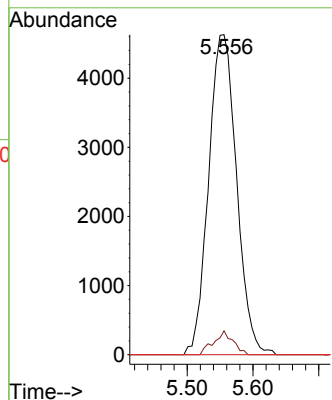
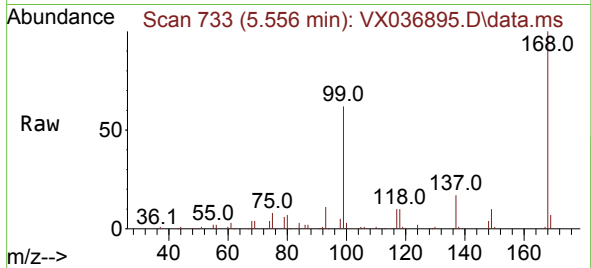




#38
Carbon Tetrachloride
Concen: 5.470 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

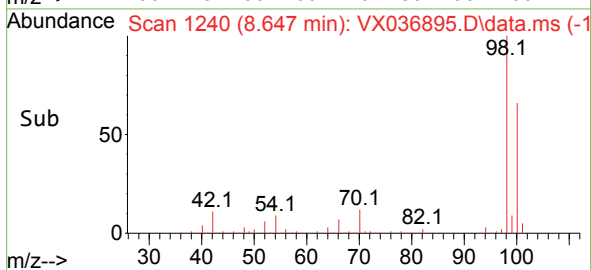
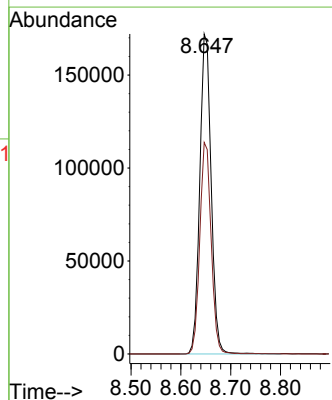
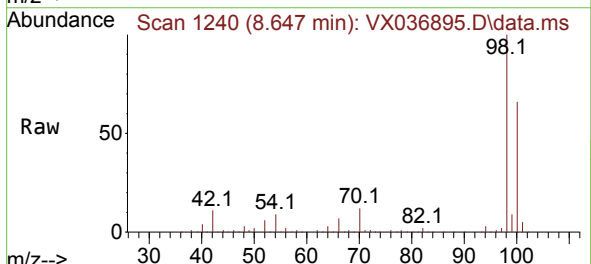
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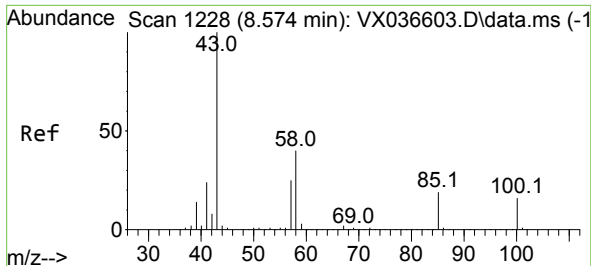
Tgt Ion:117 Resp: 13711
Ion Ratio Lower Upper
117 100
119 7.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.525 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Tgt Ion: 98 Resp: 272178
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

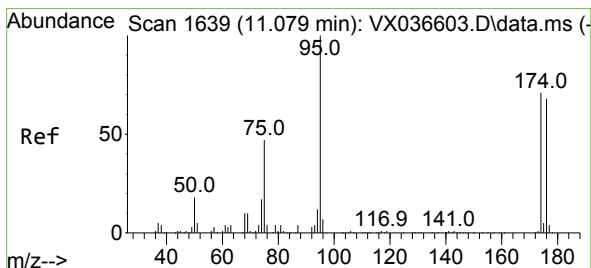
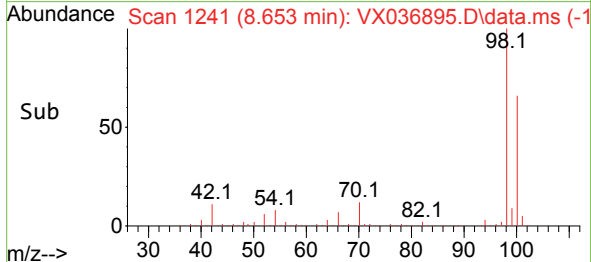
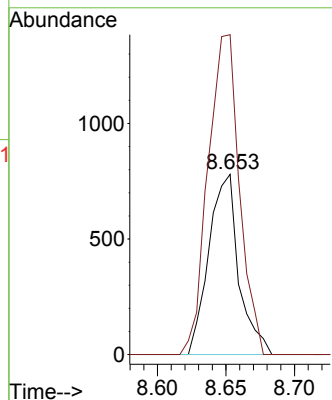
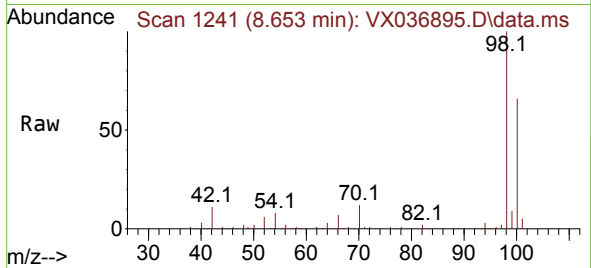




#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.653 min Scan# 1184
Delta R.T. 0.079 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

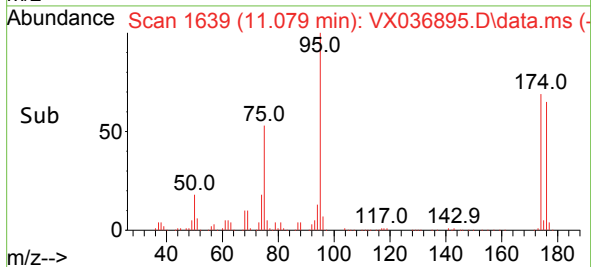
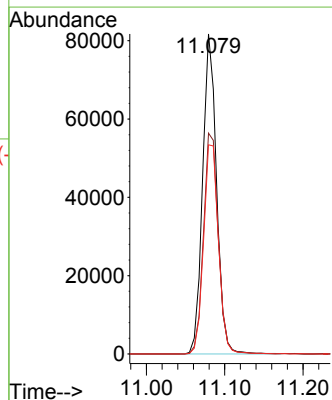
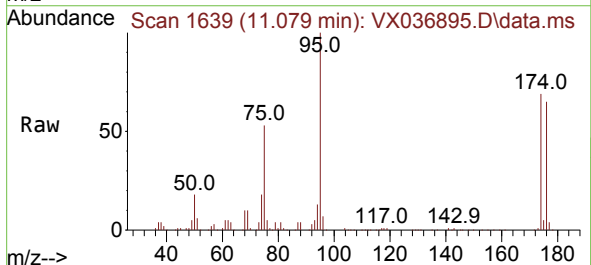
Instrument :
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MW-17-0809

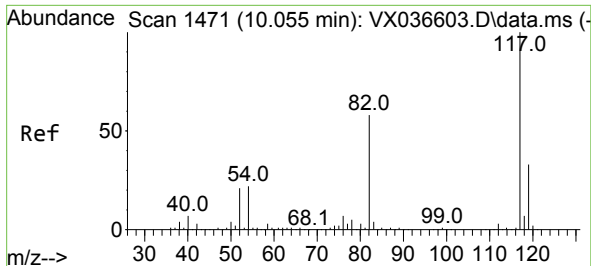
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 186.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Tgt Ion: 95 Resp: 100873
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.1 0.0 131.0

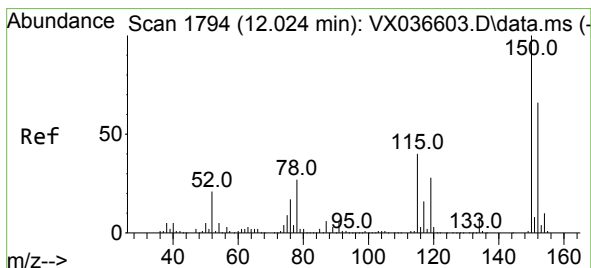
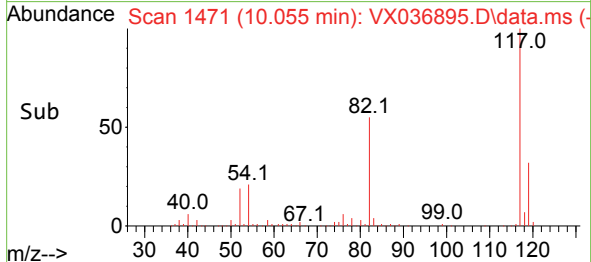
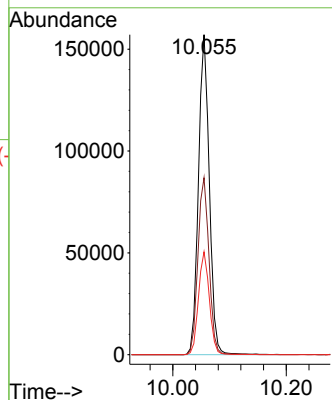
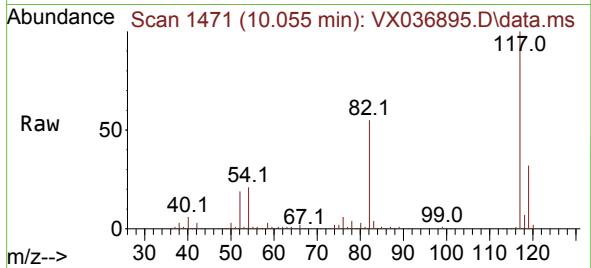




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

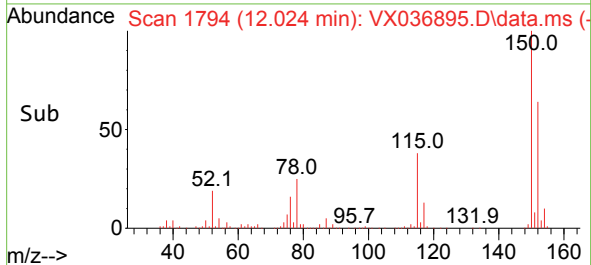
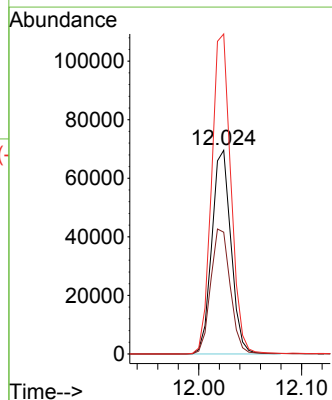
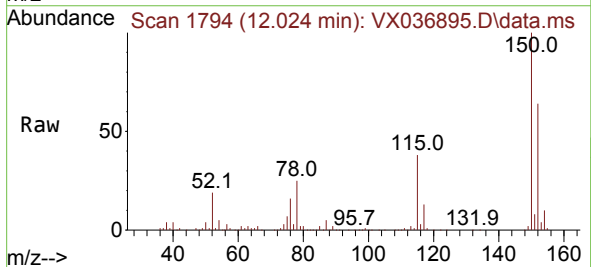
Instrument :
MSVOA_X
ClientSampleId :
MW-17-0809

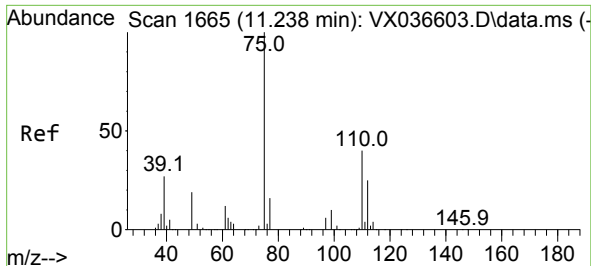
Tgt Ion:117 Resp: 208628
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Tgt Ion:152 Resp: 89967
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 158.3 0.0 345.0

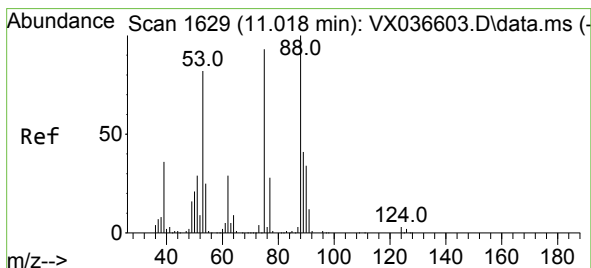
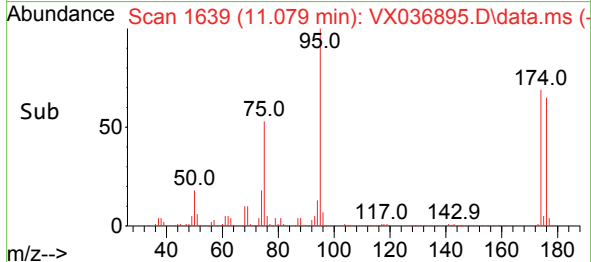
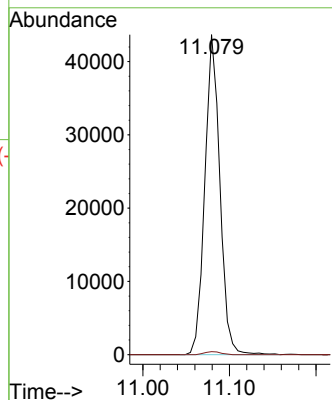
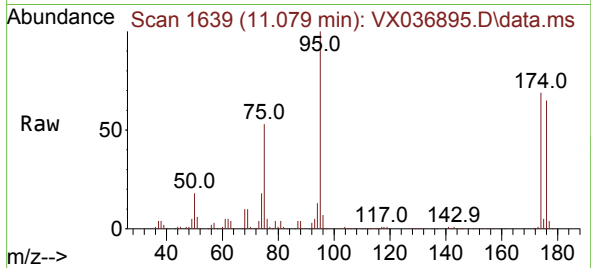




#76
1,2,3-Trichloropropane
Concen: 24.914 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-17-0809

Tgt Ion: 75 Resp: 52721
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036895.D
Acq: 09 Aug 2023 18:21

Tgt Ion: 75 Resp: 52721
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

