

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036144.D
 Acq On : 13 Jun 2023 15:15
 Operator : JC/MD
 Sample : 03178-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

Quant Time: Jun 14 00:55:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	201312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	332732	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138945	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158586	48.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.020%
35) Dibromofluoromethane	5.385	113	105205	47.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	8.647	98	397826	49.531	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	155187	48.945	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%

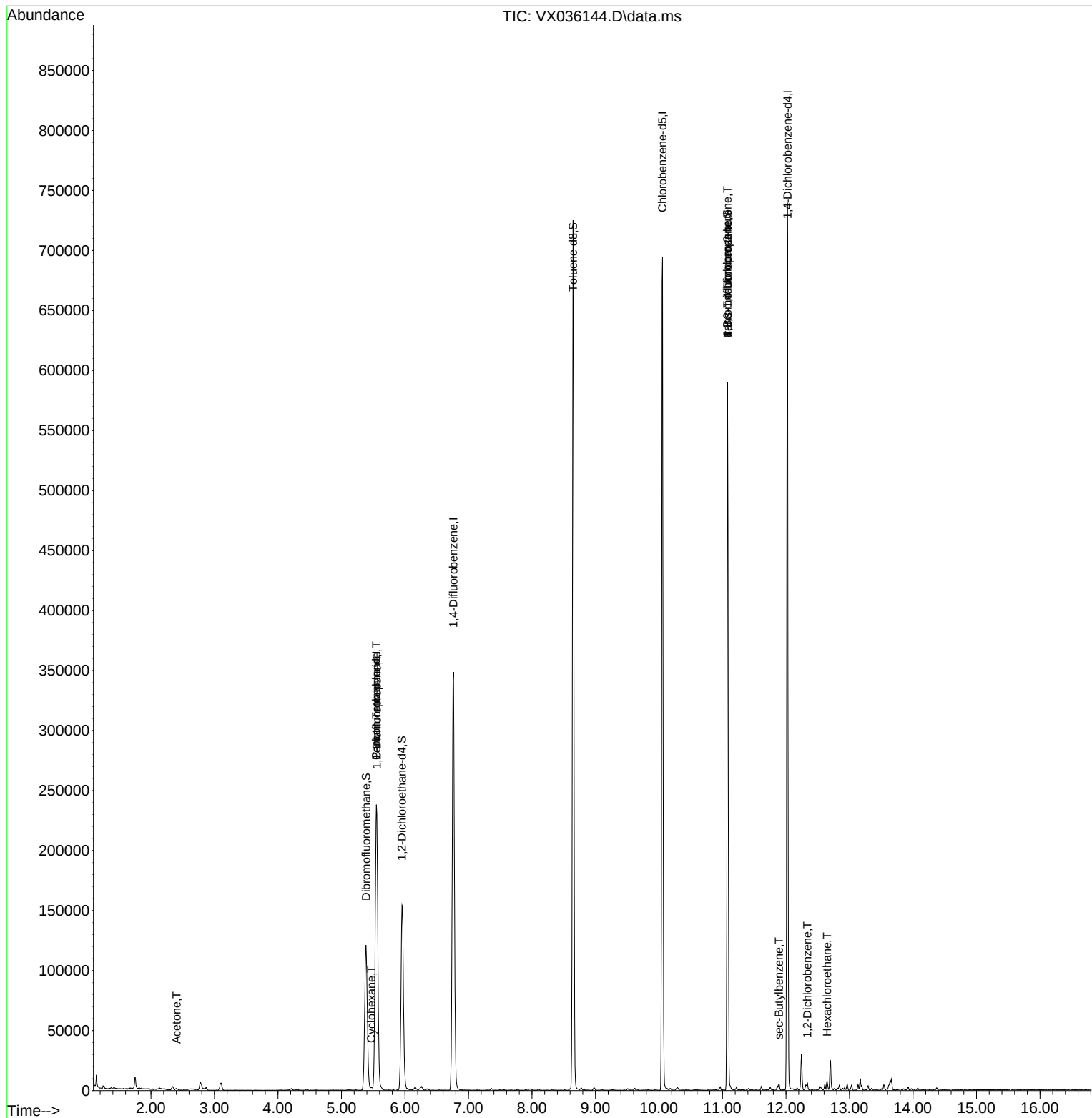
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.404	43	2201	1.632	ug/l	98
31) Cyclohexane	5.471	56	827	0.242	ug/l #	93
36) 1,1-Dichloropropene	5.556	75	19672	6.593	ug/l #	52
38) Carbon Tetrachloride	5.550	117	23601	8.116	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	86889	27.726	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	86889	93.391	ug/l #	3
85) sec-Butylbenzene	11.890	105	2759	0.286	ug/l	100
90) Hexachloroethane	12.646	117	2563	1.960	ug/l #	17
91) 1,2-Dichlorobenzene	12.335	146	1555	0.342	ug/l	92

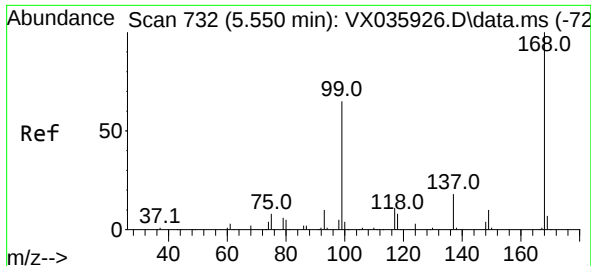
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
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MSVOA_X
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MW-2A

Quant Time: Jun 14 00:55:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

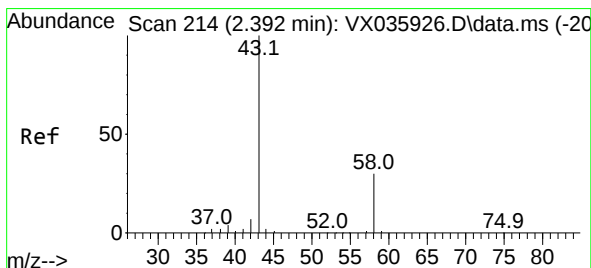
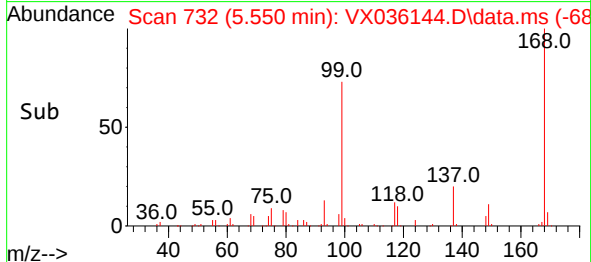
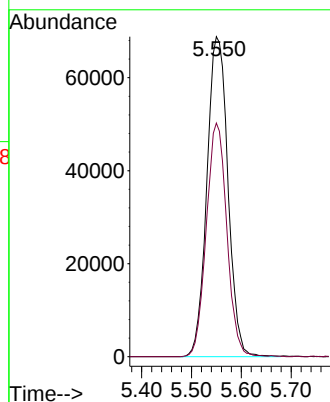
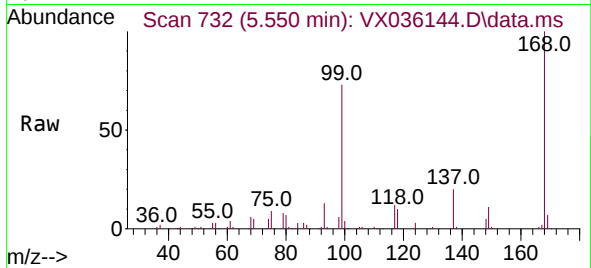




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

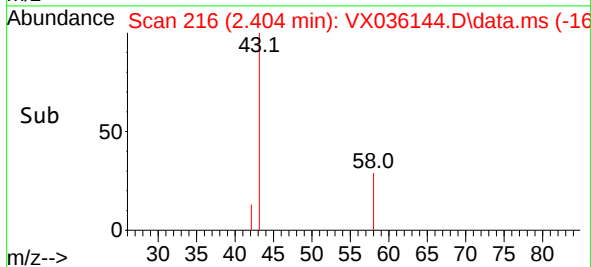
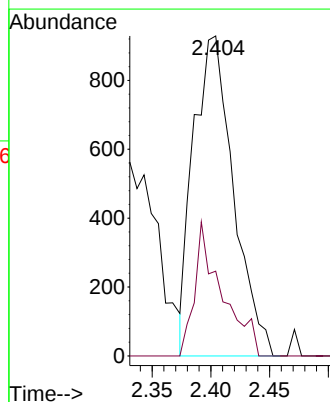
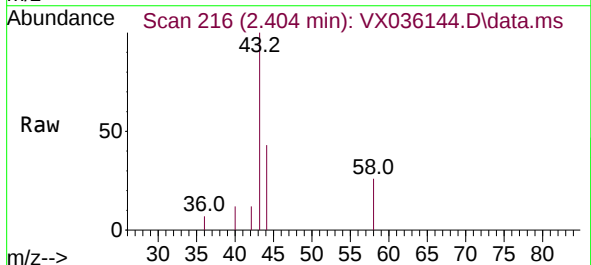
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

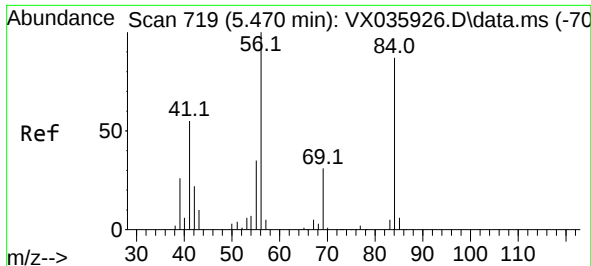
Tgt Ion:168 Resp: 201312
Ion Ratio Lower Upper
168 100
99 73.0 57.0 85.6



#16
Acetone
Concen: 1.632 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.013 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
58 26.5 22.2 33.2

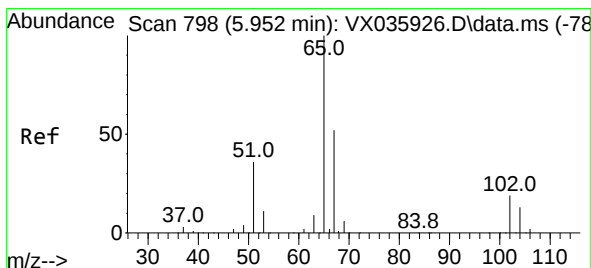
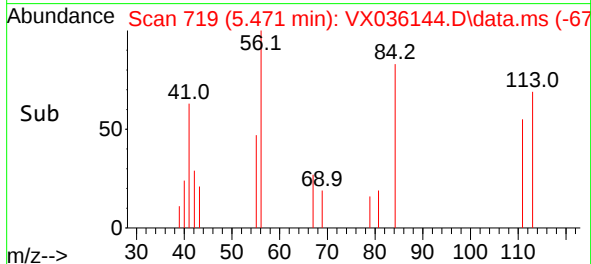
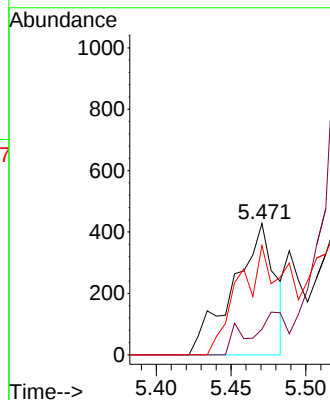
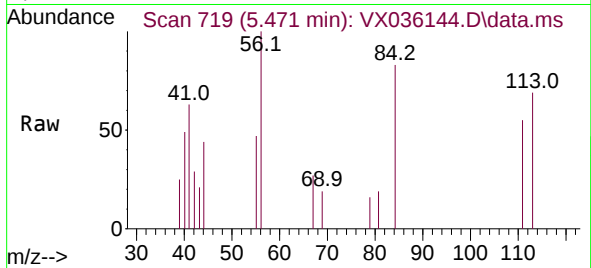




#31
Cyclohexane
Concen: 0.242 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

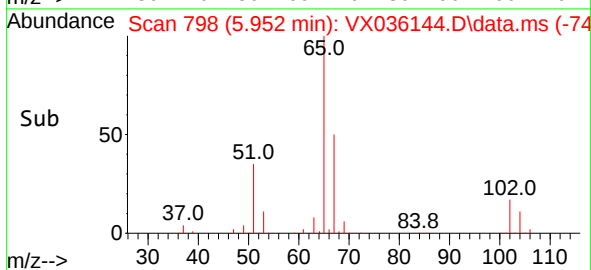
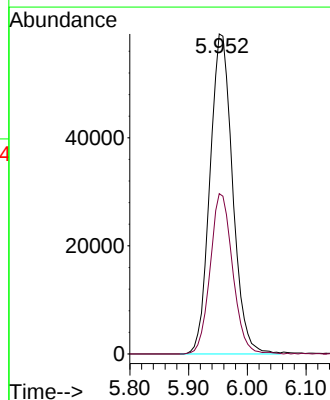
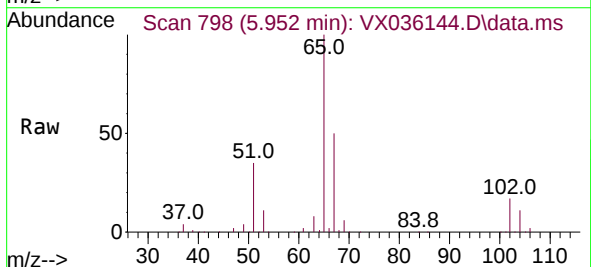
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

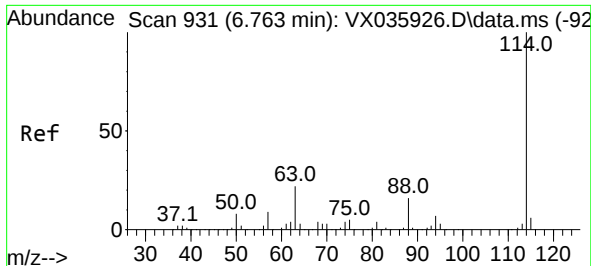
Tgt Ion: 56 Resp: 827
Ion Ratio Lower Upper
56 100
69 19.4 25.9 38.9#
84 83.2 67.6 101.4



#33
1,2-Dichloroethane-d4
Concen: 48.512 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

Tgt Ion: 65 Resp: 158586
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.6

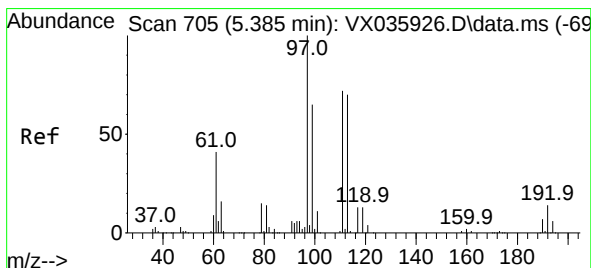
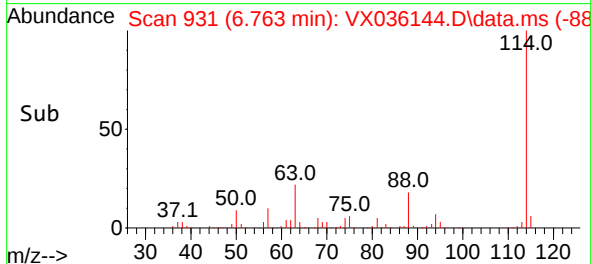
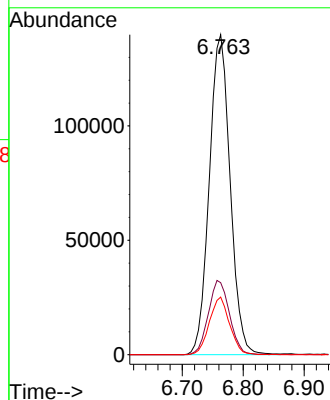
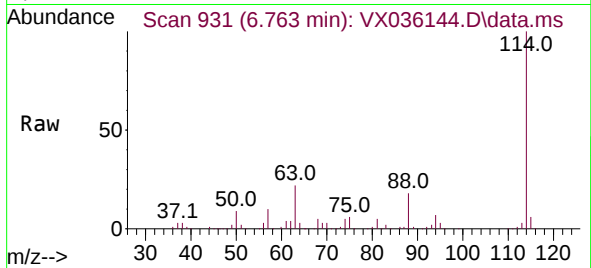




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

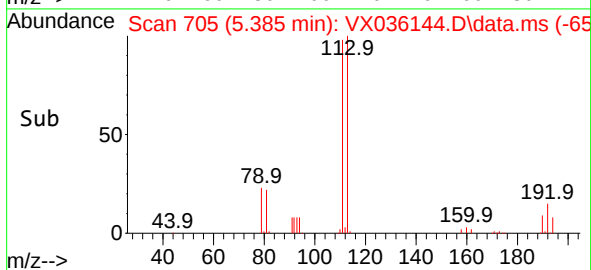
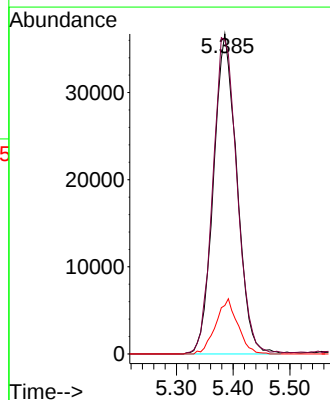
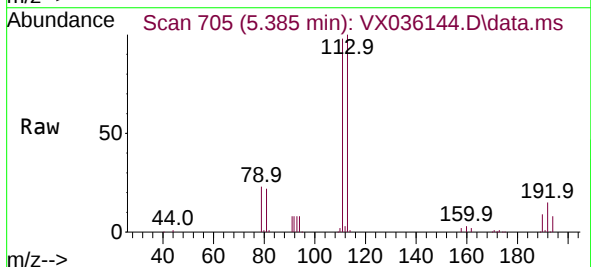
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

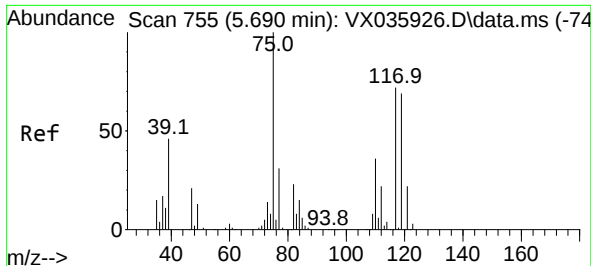
Tgt Ion:114 Resp: 332732
Ion Ratio Lower Upper
114 100
63 22.5 0.0 46.0
88 18.0 0.0 35.2



#35
Dibromofluoromethane
Concen: 47.010 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

Tgt Ion:113 Resp: 105205
Ion Ratio Lower Upper
113 100
111 102.3 81.7 122.5
192 16.2 13.5 20.3





#36

1,1-Dichloropropene

Concen: 6.593 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX036144.D

Acq: 13 Jun 2023 15:15

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

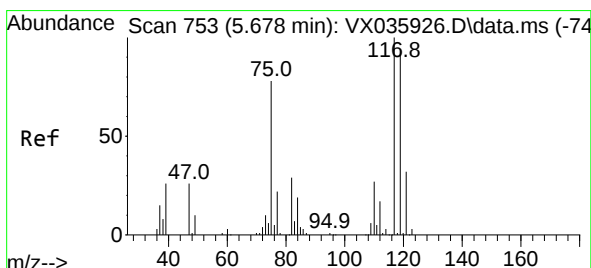
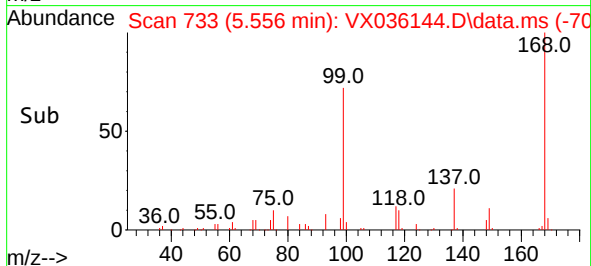
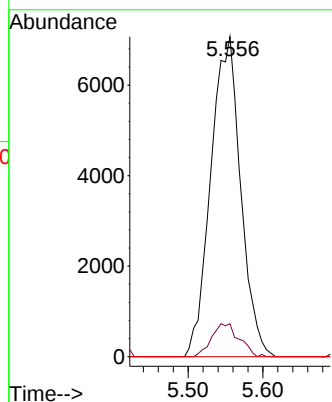
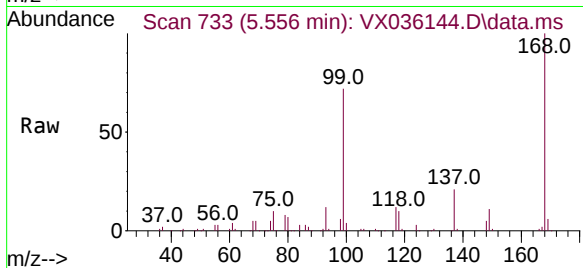
Tgt Ion: 75 Resp: 19672

Ion Ratio Lower Upper

75 100

110 9.6 16.6 49.7#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 8.116 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX036144.D

Acq: 13 Jun 2023 15:15

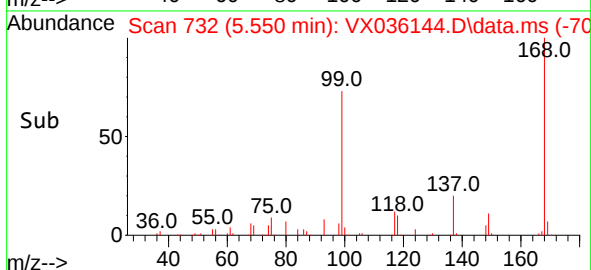
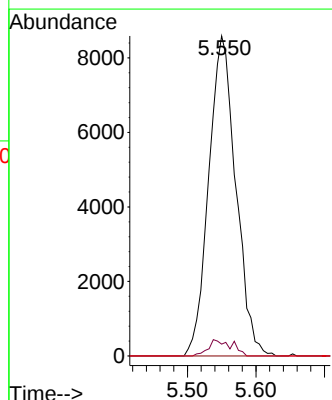
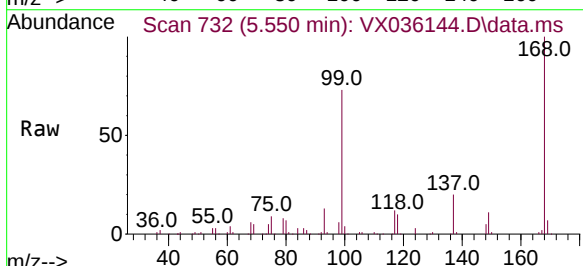
Tgt Ion: 117 Resp: 23601

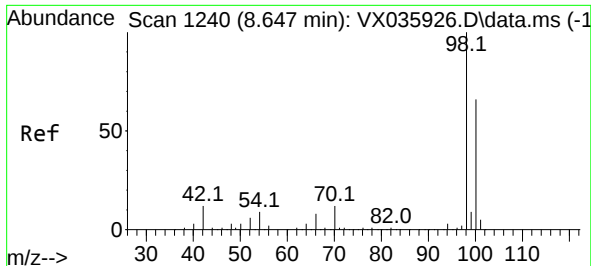
Ion Ratio Lower Upper

117 100

119 3.7 74.1 111.1#

121 0.0 25.0 37.4#

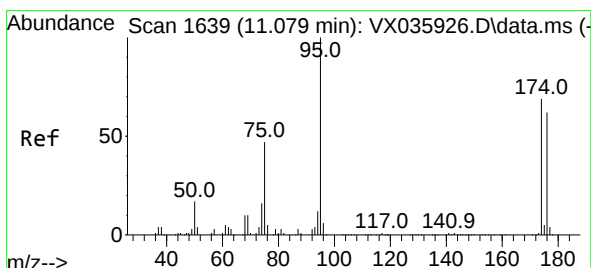
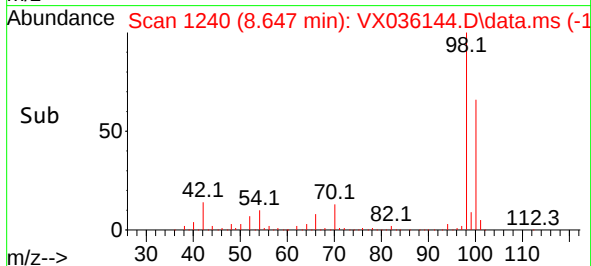
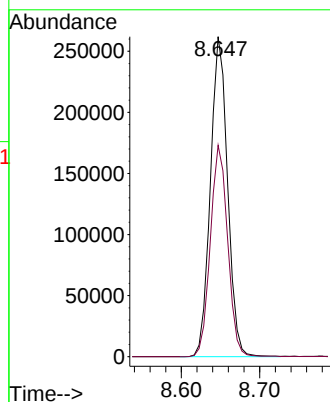
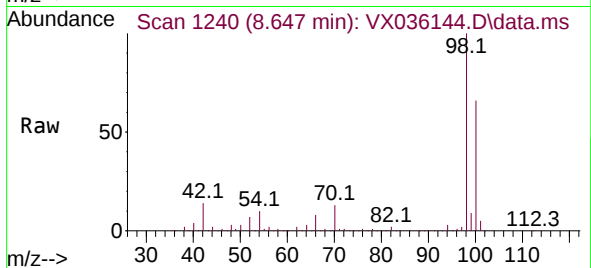




#50
Toluene-d8
Concen: 49.531 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

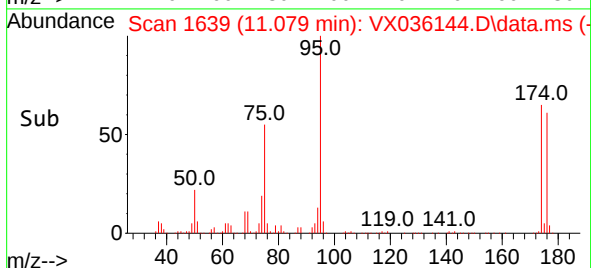
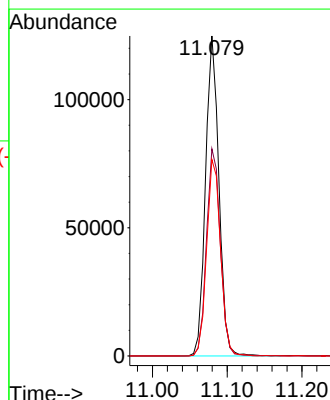
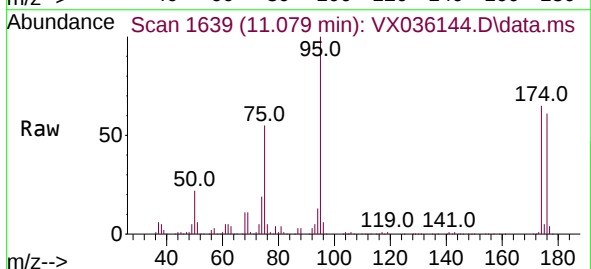
Instrument :
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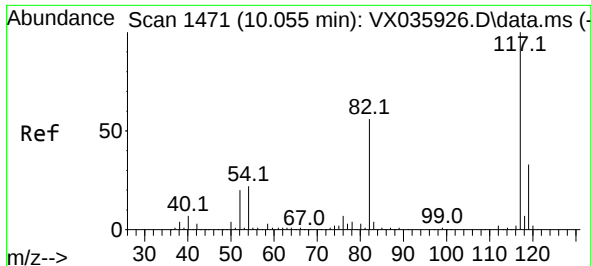
Tgt Ion: 98 Resp: 397826
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

Tgt Ion: 95 Resp: 155187
Ion Ratio Lower Upper
95 100
174 66.8 0.0 132.6
176 63.8 0.0 128.0

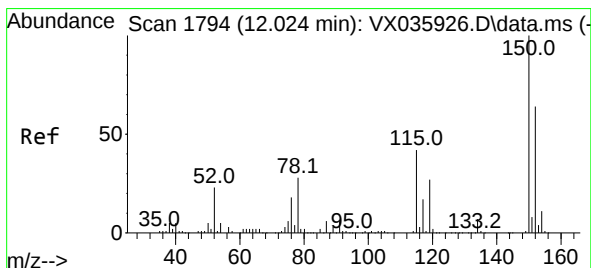
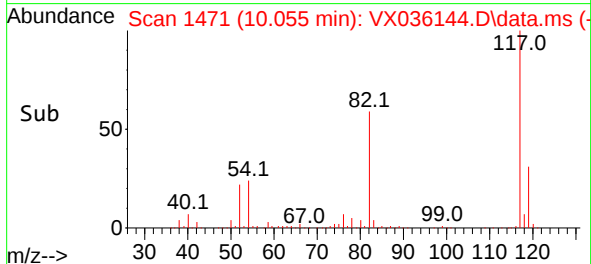
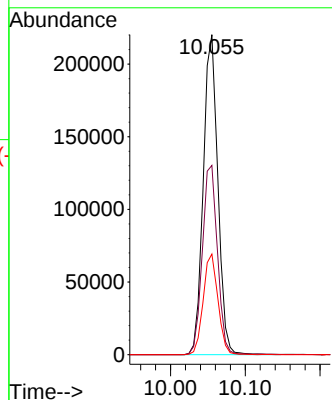
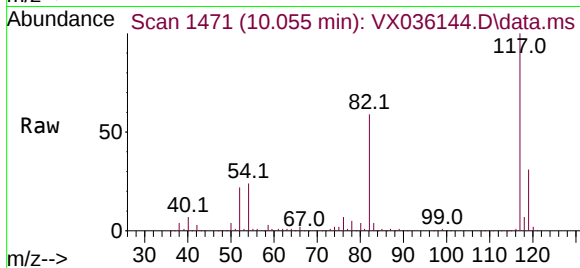




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

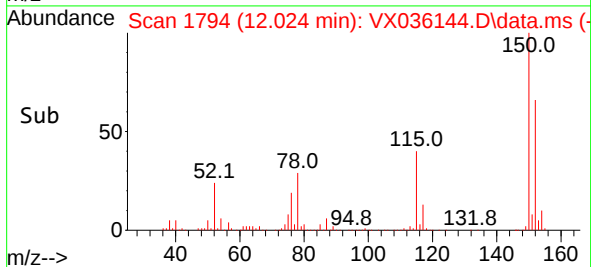
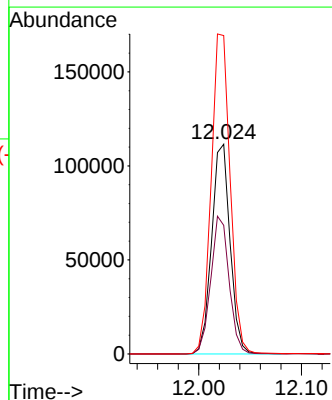
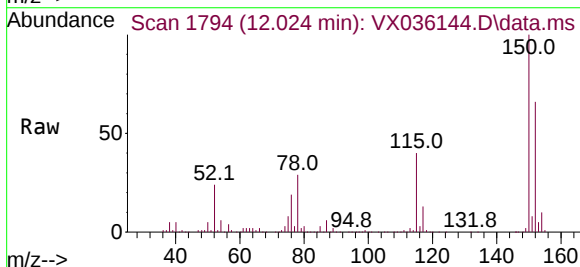
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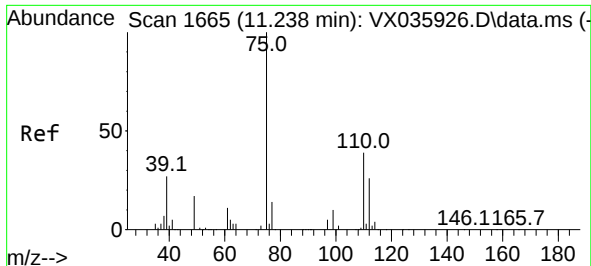
Tgt Ion:117 Resp: 298288
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

Tgt Ion:152 Resp: 138945
Ion Ratio Lower Upper
152 100
115 65.3 45.5 136.5
150 156.7 0.0 345.2

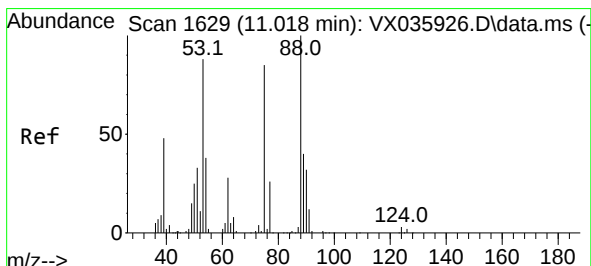
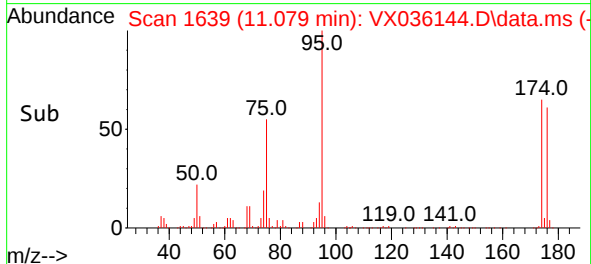
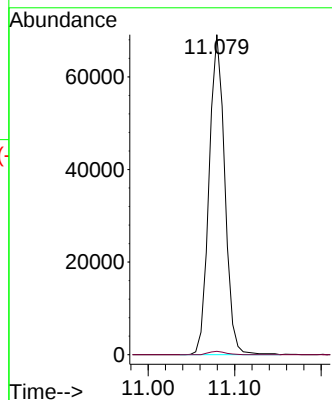
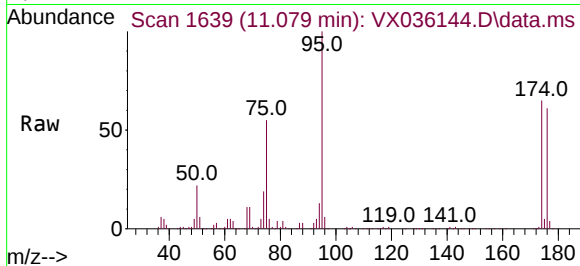




#76
1,2,3-Trichloropropane
Concen: 27.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

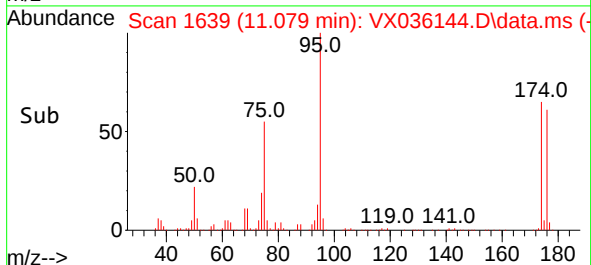
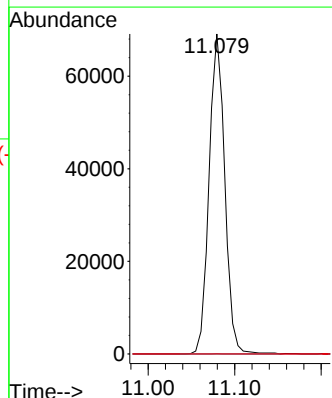
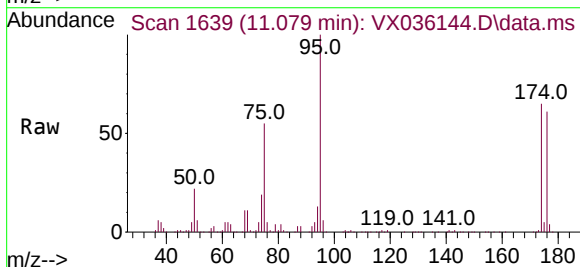
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

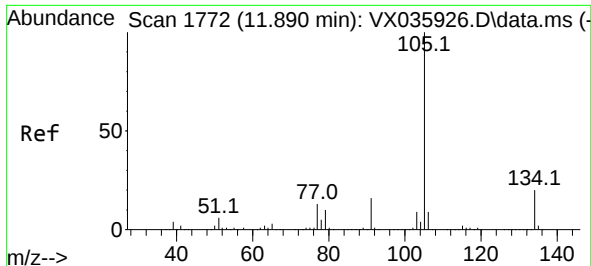
Tgt Ion: 75 Resp: 86889
Ion Ratio Lower Upper
75 100
77 1.1 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036144.D
Acq: 13 Jun 2023 15:15

Tgt Ion: 75 Resp: 86889
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

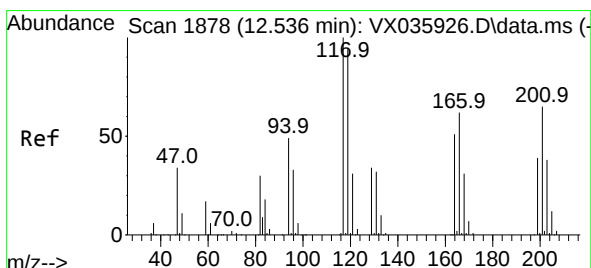
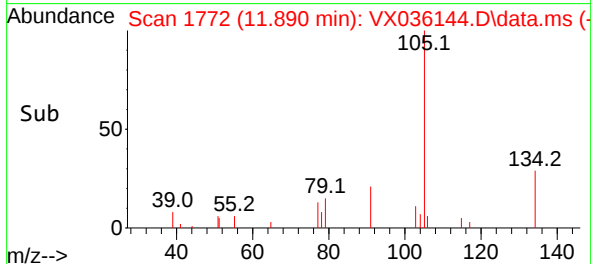
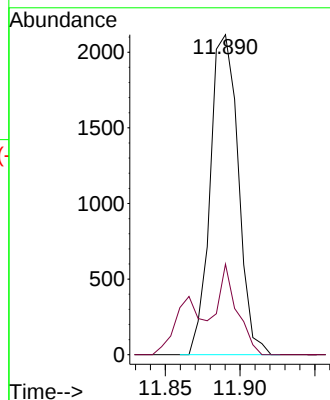
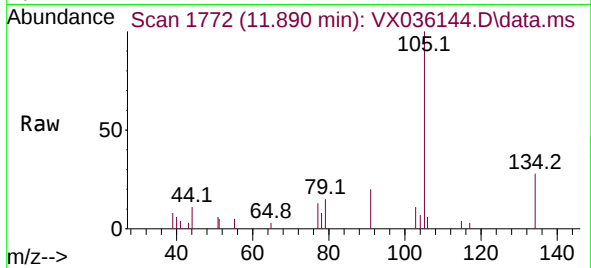




#85
 sec-Butylbenzene
 Concen: 0.286 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036144.D
 Acq: 13 Jun 2023 15:15

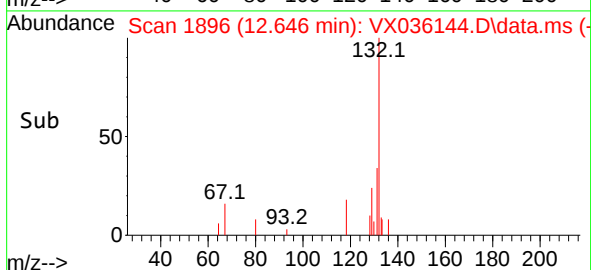
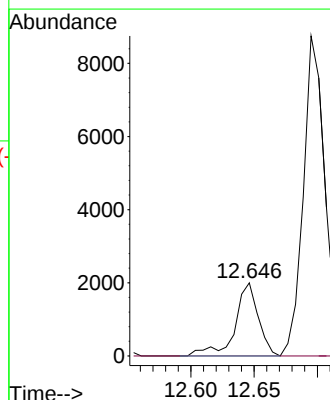
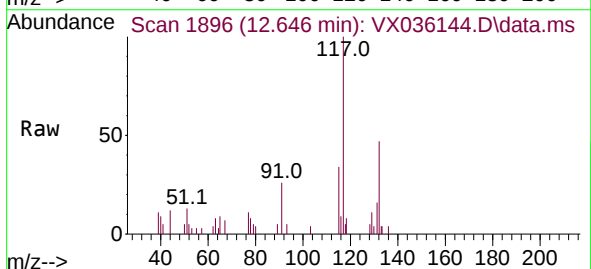
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

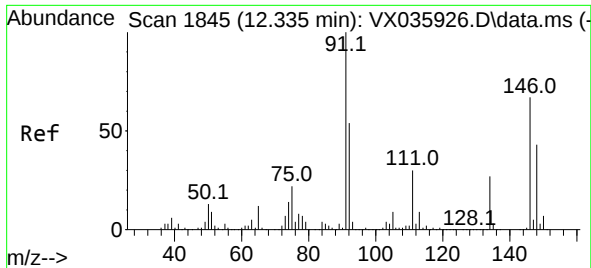
Tgt Ion:105 Resp: 2759
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#90
 Hexachloroethane
 Concen: 1.960 ug/l
 RT: 12.646 min Scan# 1896
 Delta R.T. 0.110 min
 Lab File: VX036144.D
 Acq: 13 Jun 2023 15:15

Tgt Ion:117 Resp: 2563
 Ion Ratio Lower Upper
 117 100
 201 0.0 32.7 98.1#





#91
 1,2-Dichlorobenzene
 Concen: 0.342 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036144.D
 Acq: 13 Jun 2023 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

Tgt Ion:	146	Resp:	1555
Ion	Ratio	Lower	Upper
146	100		
111	49.8	23.3	69.9
148	71.5	31.9	95.7

