

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037590.D
 Acq On : 07 Sep 2023 19:57
 Operator : JC/MD
 Sample : 04327-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13A-10.5-090623

Quant Time: Sep 08 00:50:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

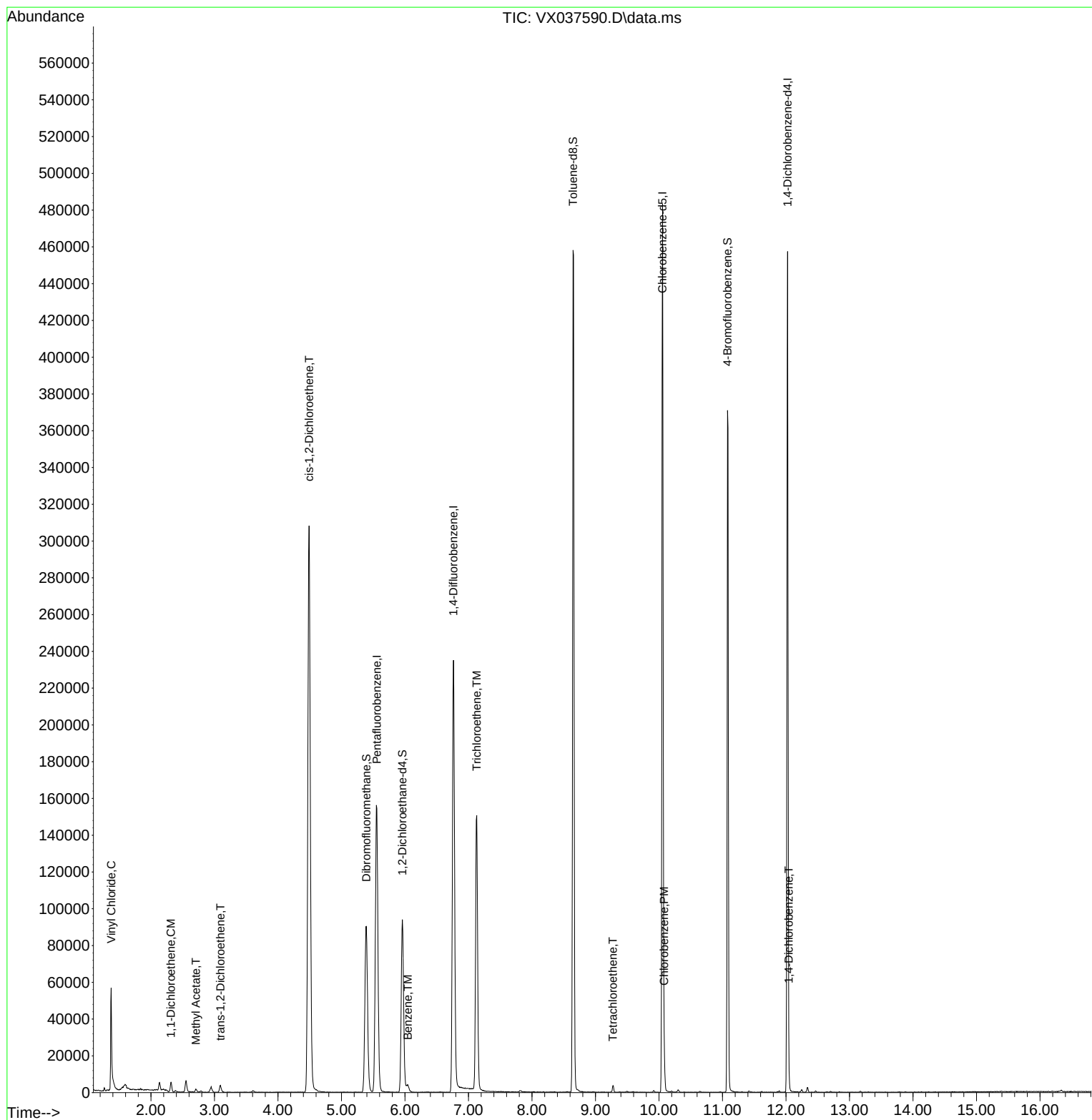
Internal Standards						
1) Pentafluorobenzene	5.556	168	150446	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	254847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90588	41.766	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.540%
35) Dibromofluoromethane	5.391	113	83240	49.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	8.647	98	289334	47.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.520%
62) 4-Bromofluorobenzene	11.079	95	108412	45.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	43166	25.938	ug/l	98
12) 1,1-Dichloroethene	2.313	96	1766	1.140	ug/l	# 96
18) Methyl Acetate	2.709	43	2116	0.662	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	1759	0.999	ug/l	# 72
27) cis-1,2-Dichloroethene	4.489	96	211994	102.143	ug/l	77
40) Benzene	6.044	78	5120	0.744	ug/l	91
44) Trichloroethene	7.129	130	63105	32.361	ug/l	97
64) Tetrachloroethene	9.275	164	747	0.448	ug/l	84
65) Chlorobenzene	10.080	112	8528	1.764	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	2986	0.883	ug/l	# 67

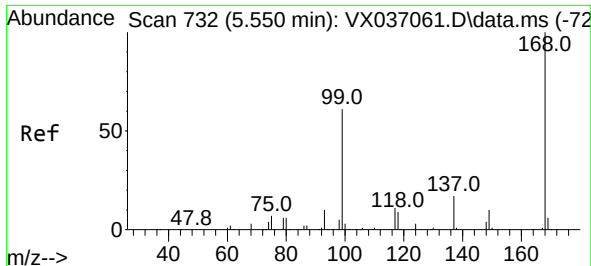
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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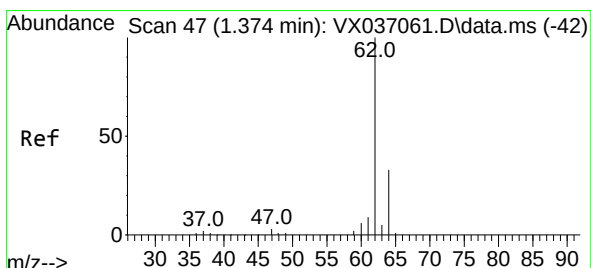
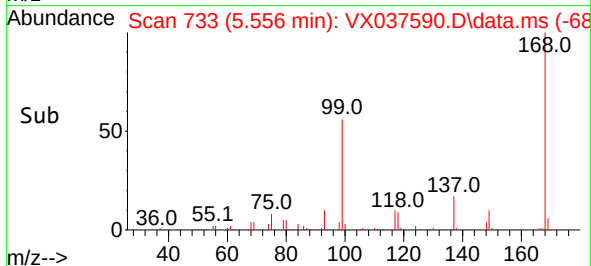
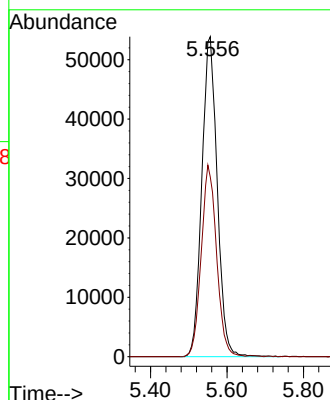
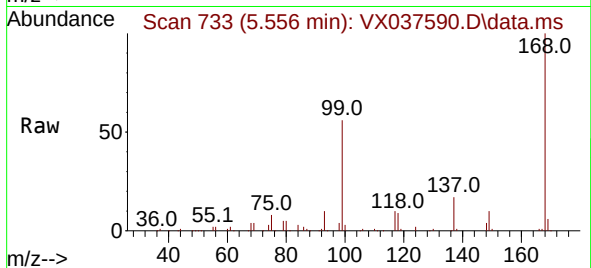




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037590.D
Acq: 07 Sep 2023 19:57

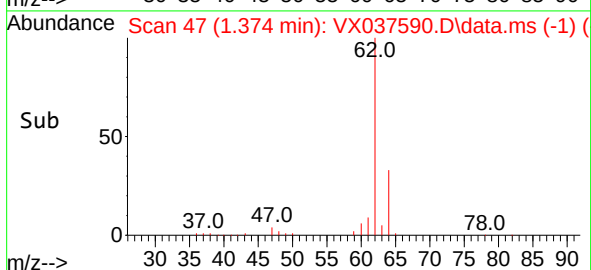
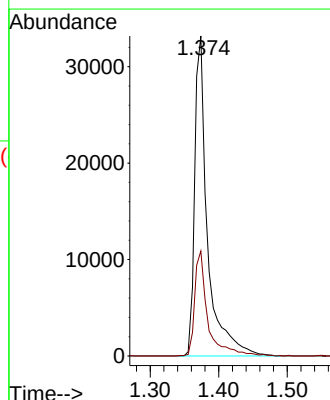
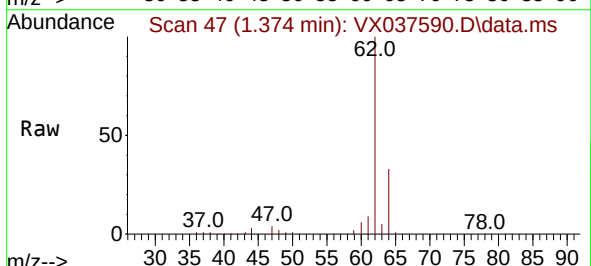
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-10.5-090623

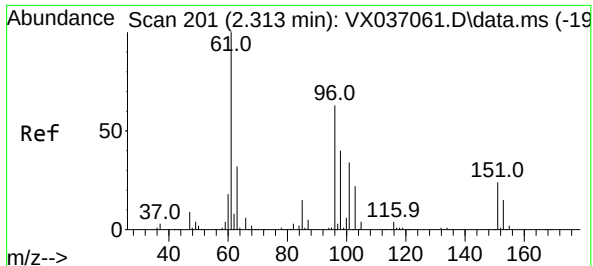
Tgt Ion:168 Resp: 150446
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#4
Vinyl Chloride
Concen: 25.938 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037590.D
Acq: 07 Sep 2023 19:57

Tgt Ion: 62 Resp: 43166
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#12

1,1-Dichloroethene

Concen: 1.140 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX037590.D

Acq: 07 Sep 2023 19:57

Instrument :

MSVOA_X

ClientSampleId :

MW-13A-10.5-090623

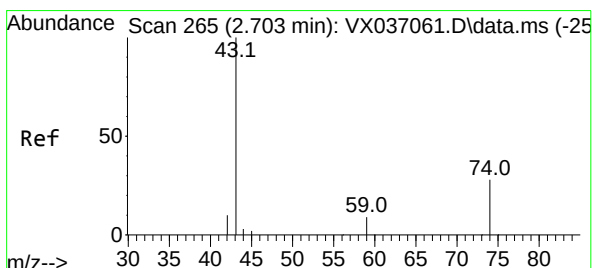
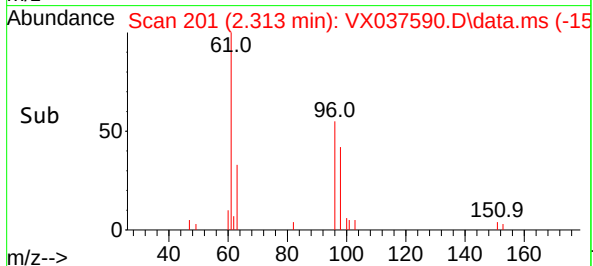
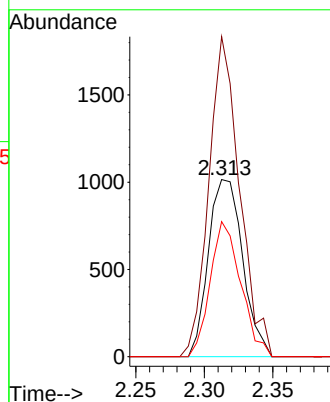
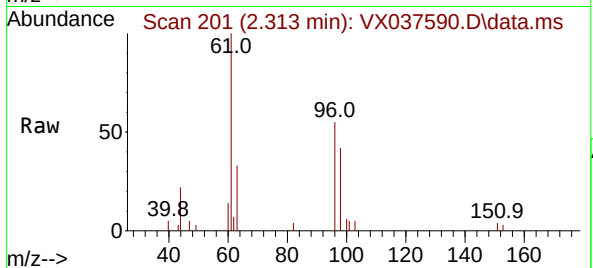
Tgt Ion: 96 Resp: 1766

Ion Ratio Lower Upper

96 100

61 180.7 144.6 216.8

98 76.3 50.4 75.6#



#18

Methyl Acetate

Concen: 0.662 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX037590.D

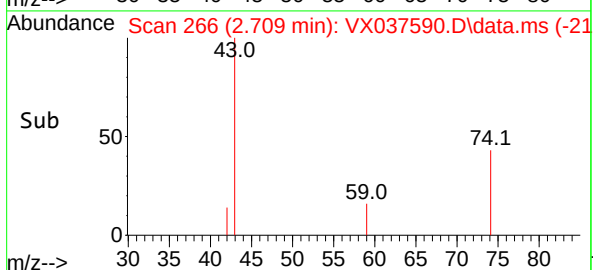
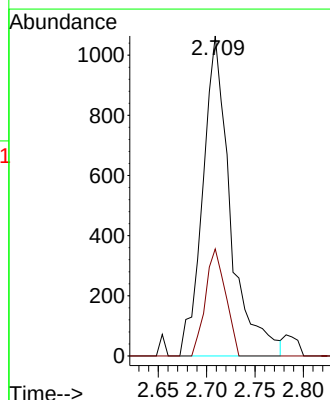
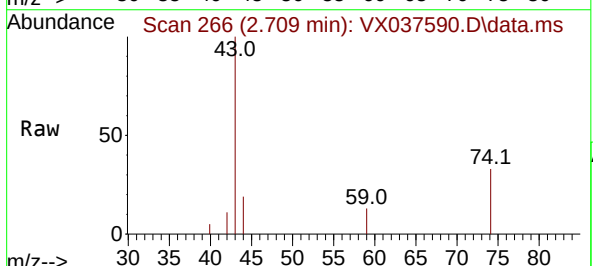
Acq: 07 Sep 2023 19:57

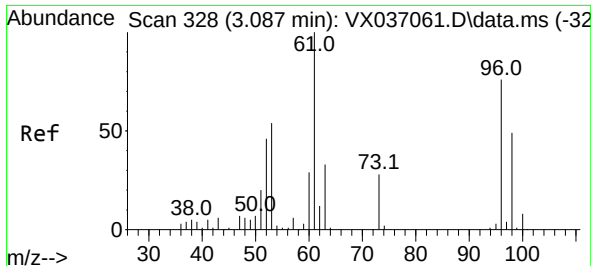
Tgt Ion: 43 Resp: 2116

Ion Ratio Lower Upper

43 100

74 24.4 17.8 26.8

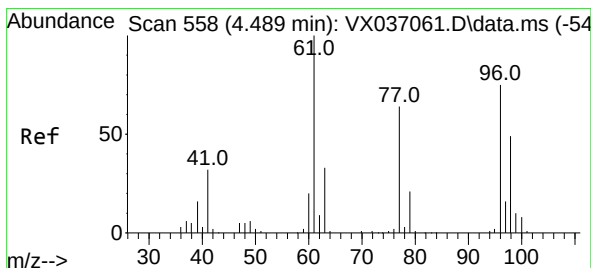
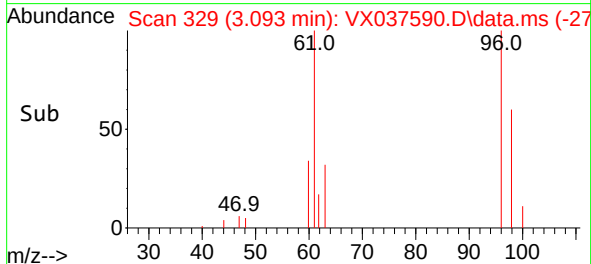
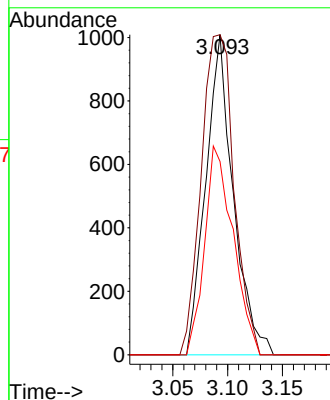
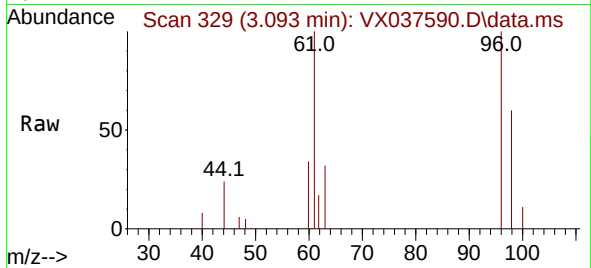




#21
trans-1,2-Dichloroethene
Concen: 0.999 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037590.D
Acq: 07 Sep 2023 19:57

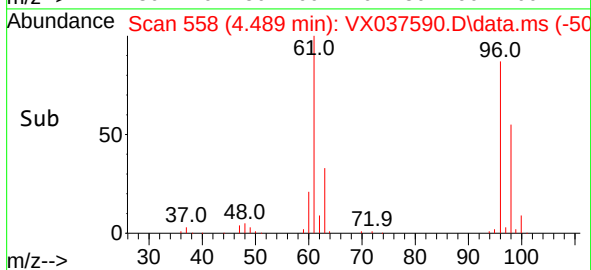
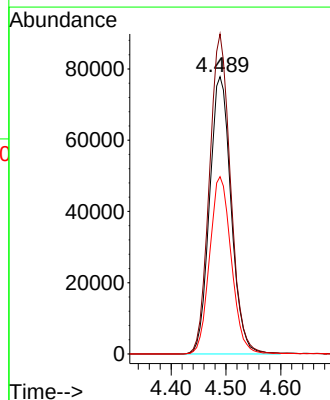
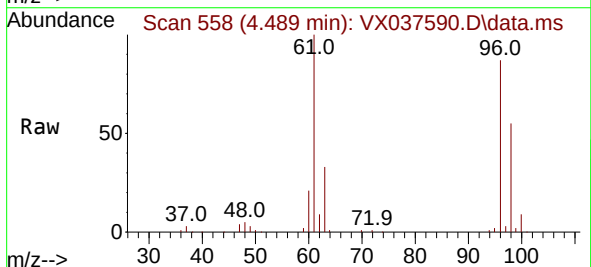
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-10.5-090623

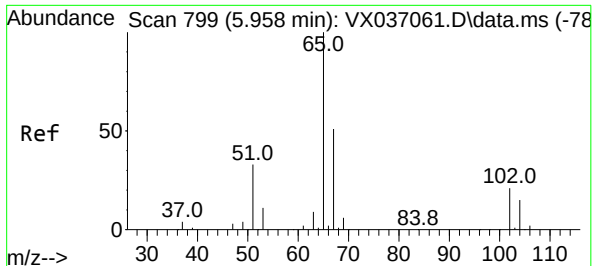
Tgt Ion: 96 Resp: 1759
Ion Ratio Lower Upper
96 100
61 100.0 119.2 178.8#
98 60.4 48.7 73.1



#27
cis-1,2-Dichloroethene
Concen: 102.143 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037590.D
Acq: 07 Sep 2023 19:57

Tgt Ion: 96 Resp: 211994
Ion Ratio Lower Upper
96 100
61 113.7 0.0 312.2
98 64.2 0.0 129.0

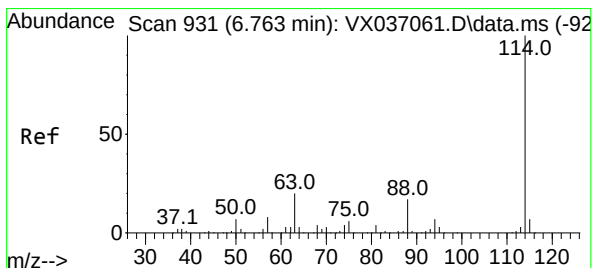
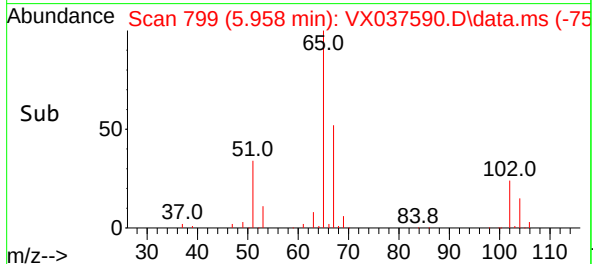
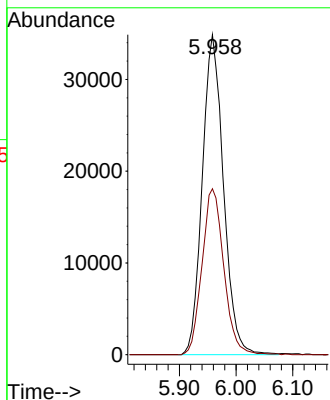
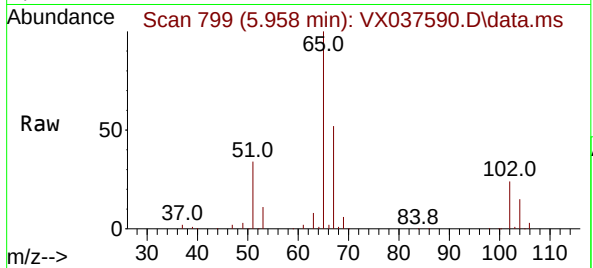




#33
 1,2-Dichloroethane-d4
 Concen: 41.766 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037590.D
 Acq: 07 Sep 2023 19:57

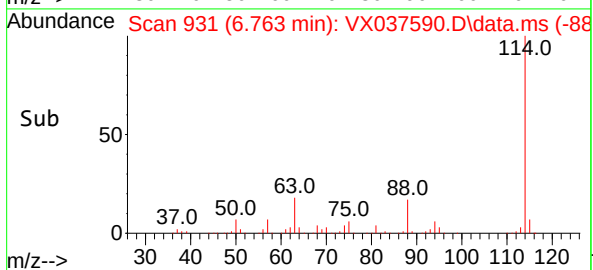
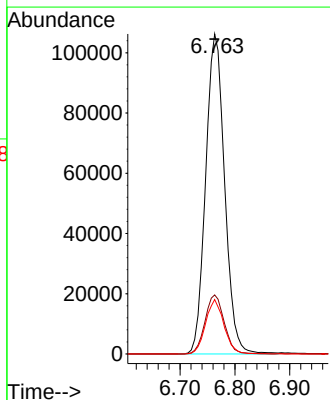
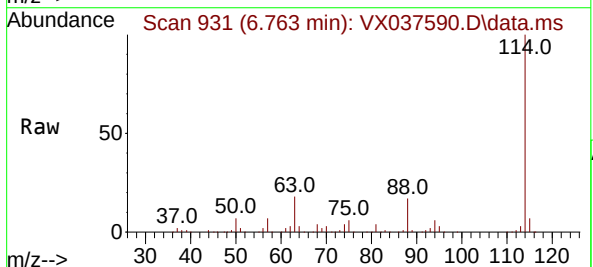
Instrument :
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 ClientSampleId :
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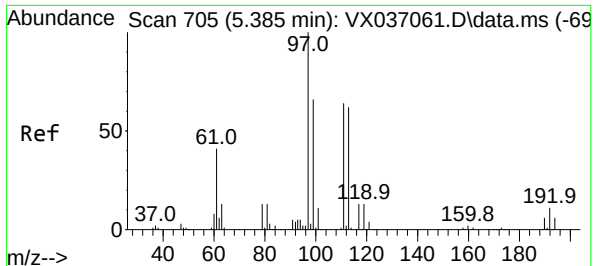
Tgt Ion: 65 Resp: 90588
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037590.D
 Acq: 07 Sep 2023 19:57

Tgt Ion: 114 Resp: 254847
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 45.0
 88 17.0 0.0 36.6

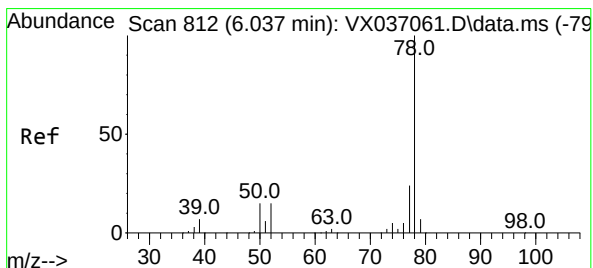
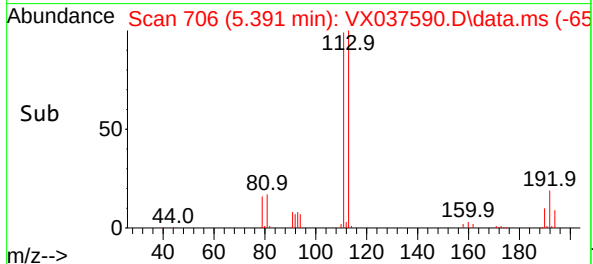
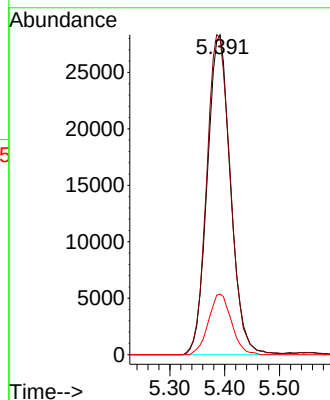
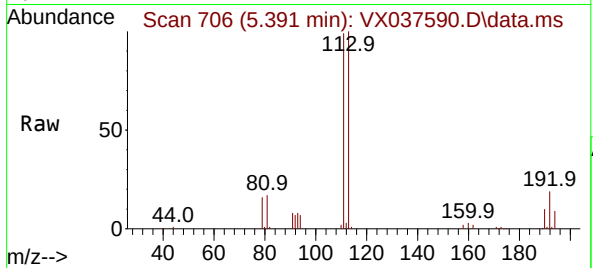




#35
Dibromofluoromethane
Concen: 49.319 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037590.D
Acq: 07 Sep 2023 19:57

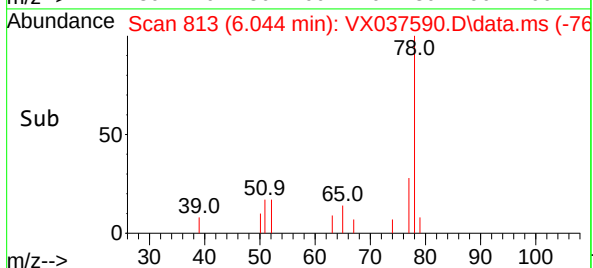
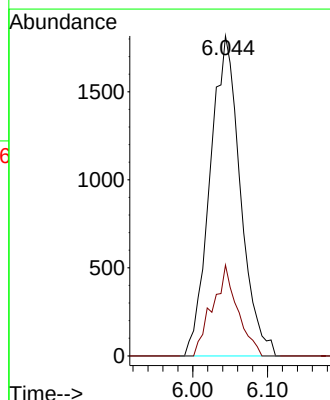
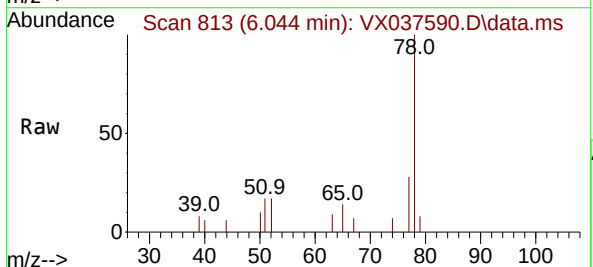
Instrument :
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ClientSampleId :
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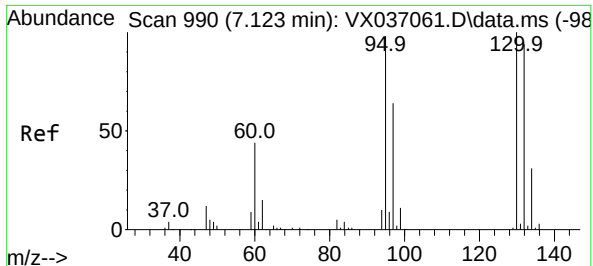
Tgt Ion:113 Resp: 83240
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.7 13.3 19.9



#40
Benzene
Concen: 0.744 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX037590.D
Acq: 07 Sep 2023 19:57

Tgt Ion: 78 Resp: 5120
Ion Ratio Lower Upper
78 100
77 28.4 19.3 28.9

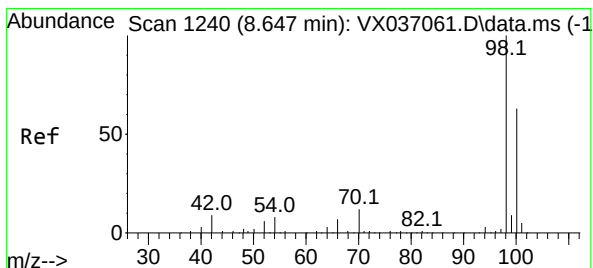
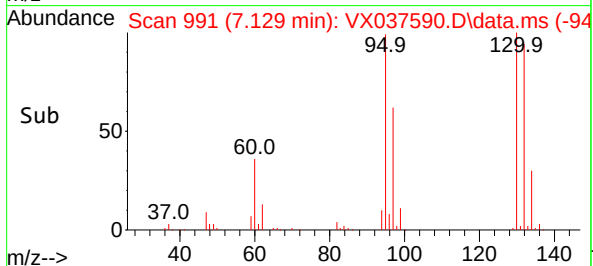
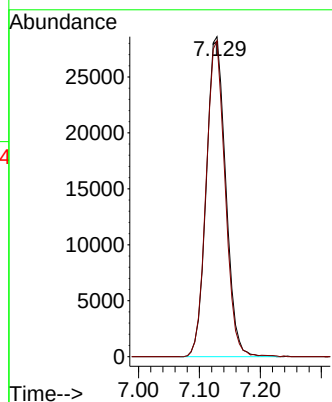
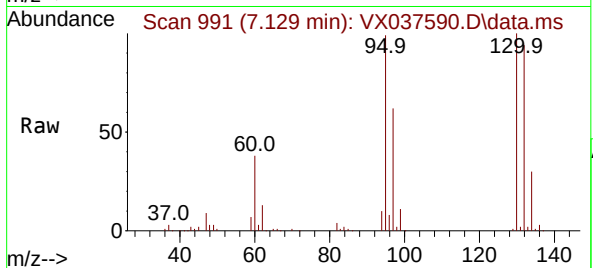




#44
 Trichloroethene
 Concen: 32.361 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX037590.D
 Acq: 07 Sep 2023 19:57

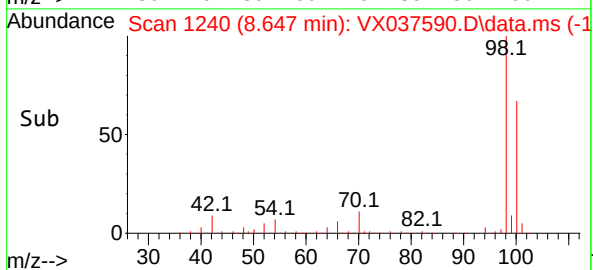
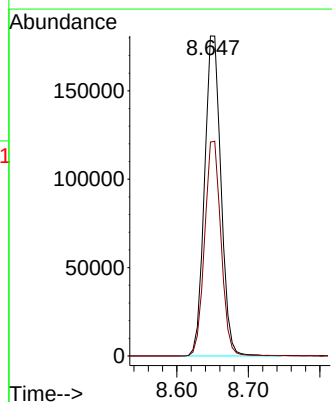
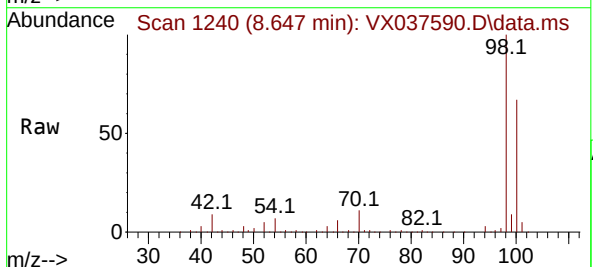
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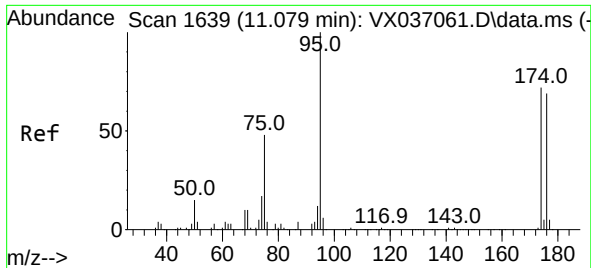
Tgt Ion:130 Resp: 63105
 Ion Ratio Lower Upper
 130 100
 95 98.7 0.0 204.4



#50
 Toluene-d8
 Concen: 47.259 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX037590.D
 Acq: 07 Sep 2023 19:57

Tgt Ion: 98 Resp: 289334
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.1 79.7

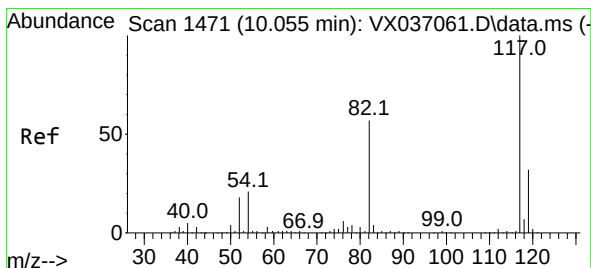
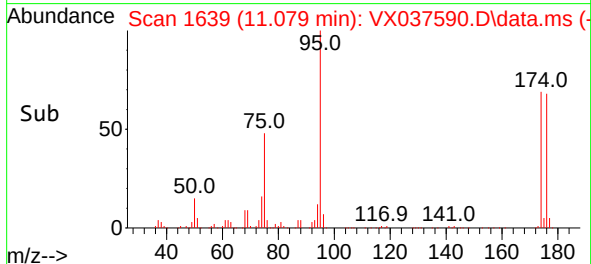
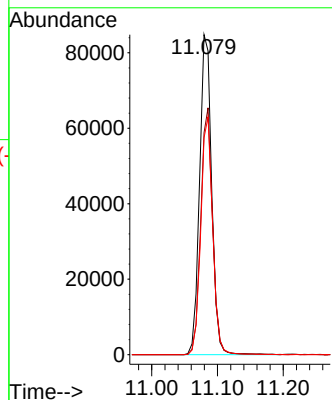
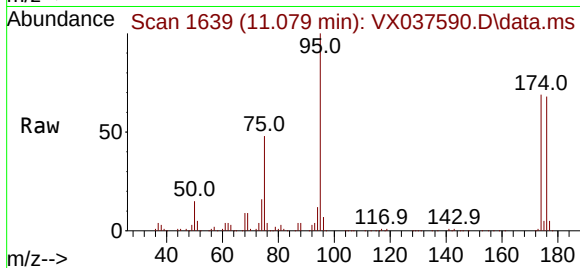




#62
4-Bromofluorobenzene
Concen: 45.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037590.D
Acq: 07 Sep 2023 19:57

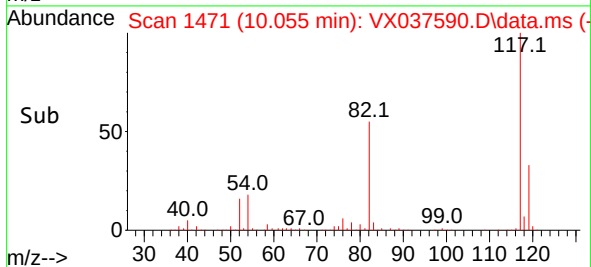
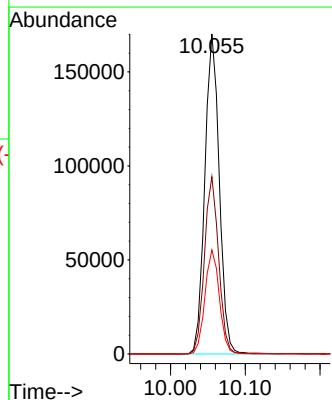
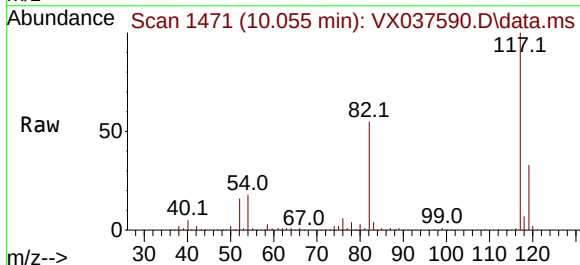
Instrument :
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MW-13A-10.5-090623

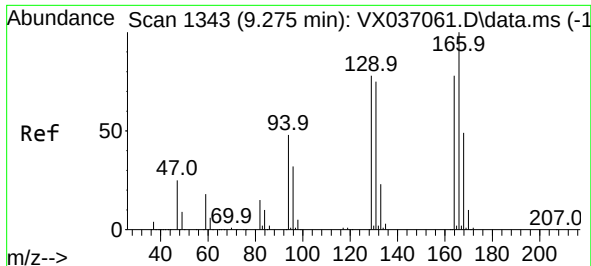
Tgt Ion: 95 Resp: 108412
Ion Ratio Lower Upper
95 100
174 75.7 0.0 135.6
176 73.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037590.D
Acq: 07 Sep 2023 19:57

Tgt Ion: 117 Resp: 228720
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.5 25.5 38.3

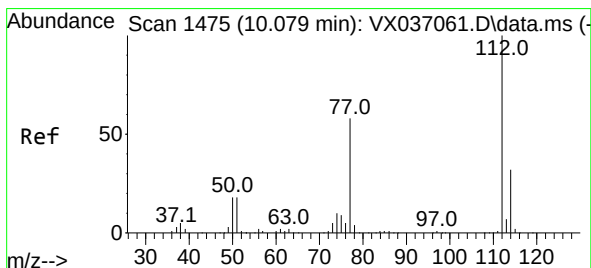
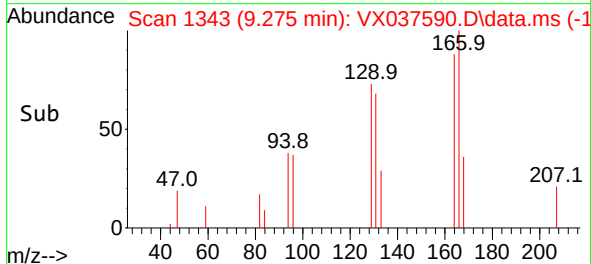
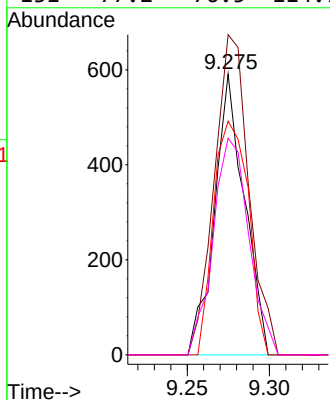
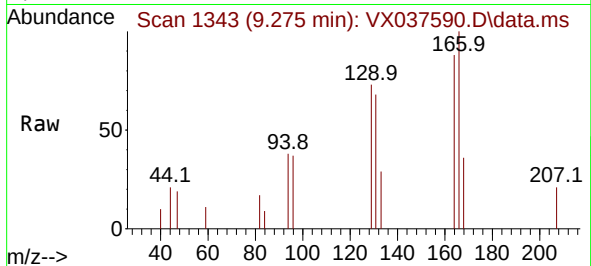




#64
Tetrachloroethene
Concen: 0.448 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037590.D
Acq: 07 Sep 2023 19:57

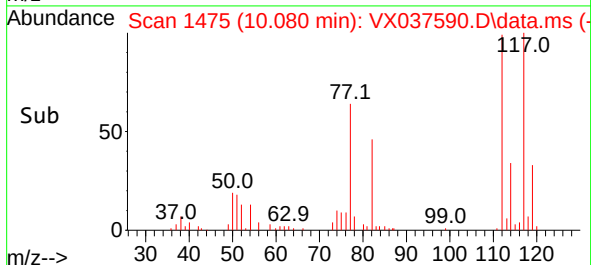
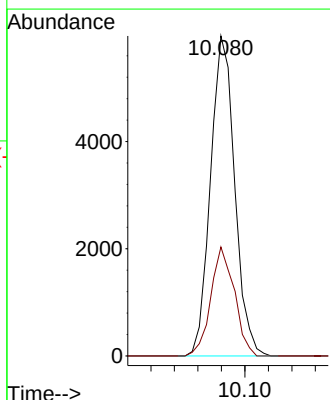
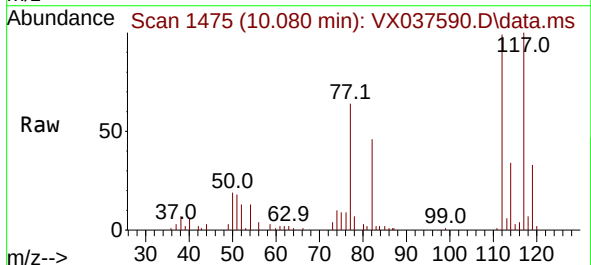
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-10.5-090623

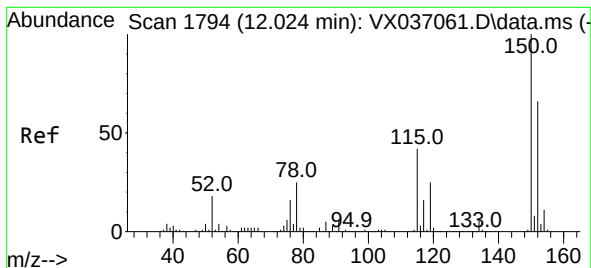
Tgt Ion:164	Resp:	747	
Ion	Ratio	Lower	Upper
164	100		
166	114.0	102.7	154.1
129	83.2	80.4	120.6
131	77.2	76.5	114.7



#65
Chlorobenzene
Concen: 1.764 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037590.D
Acq: 07 Sep 2023 19:57

Tgt Ion:112	Resp:	8528	
Ion	Ratio	Lower	Upper
112	100		
114	34.1	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037590.D

Acq: 07 Sep 2023 19:57

Instrument :

MSVOA_X

ClientSampleId :

MW-13A-10.5-090623

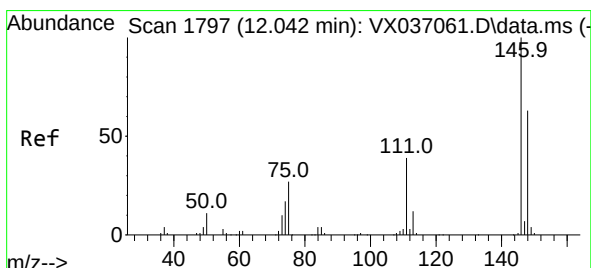
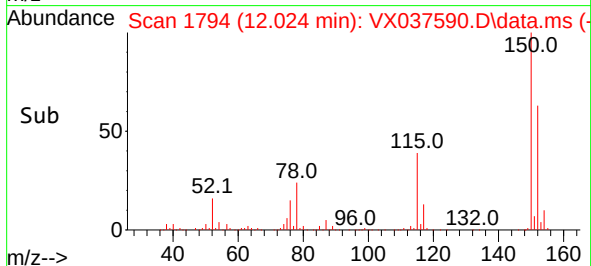
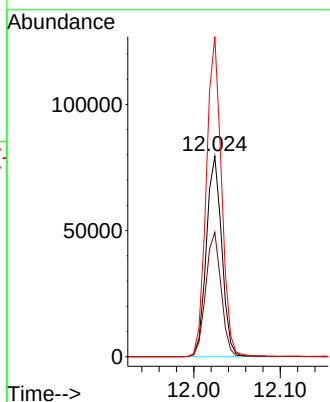
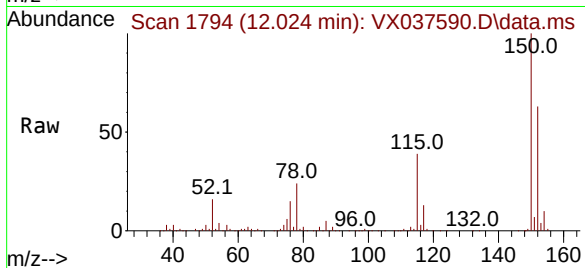
Tgt Ion:152 Resp: 98454

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 157.3 0.0 345.0



#88

1,4-Dichlorobenzene

Concen: 0.883 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037590.D

Acq: 07 Sep 2023 19:57

Tgt Ion:146 Resp: 2986

Ion Ratio Lower Upper

146 100

111 88.6 21.3 63.7#

148 68.8 31.8 95.4

