

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037561.D
 Acq On : 06 Sep 2023 17:53
 Operator : JC/MD
 Sample : 04287-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10B-42.5-090123-3V

Quant Time: Sep 06 22:47:49 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)

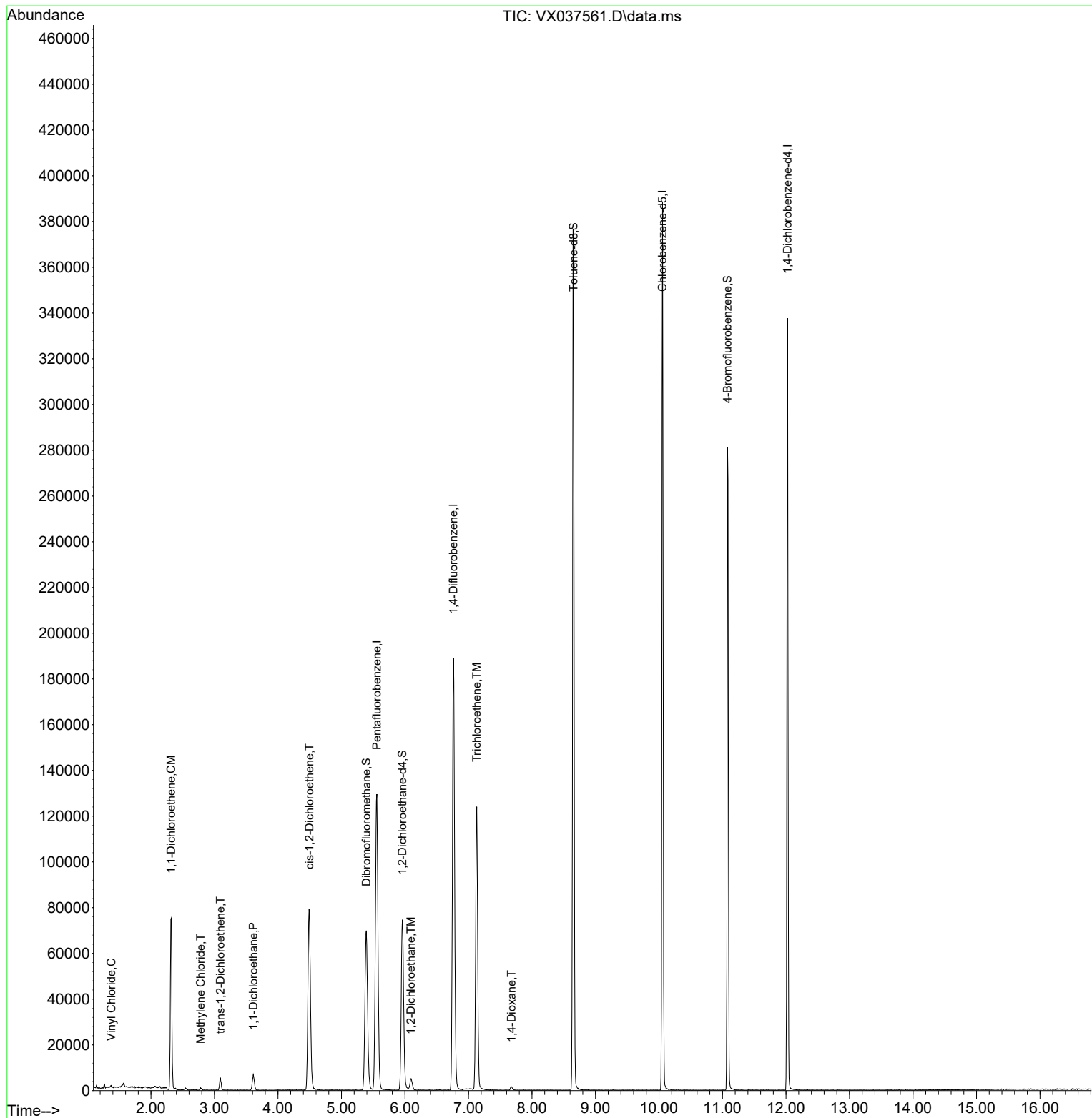
Internal Standards						
1) Pentafluorobenzene	5.556	168	123787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72369	40.552	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.100%		
35) Dibromofluoromethane	5.391	113	63057	46.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.400%		
50) Toluene-d8	8.653	98	242588	49.525	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	81993	42.595	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.180%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	490	0.358	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	27262	21.394	ug/l	80
20) Methylene Chloride	2.782	84	530	0.339	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	2151	1.485	ug/l	95
24) 1,1-Dichloroethane	3.611	63	7594	2.992	ug/l #	88
27) cis-1,2-Dichloroethene	4.495	96	55440	32.465	ug/l	77
42) 1,2-Dichloroethane	6.092	62	5945	2.755	ug/l	91
44) Trichloroethene	7.129	130	50619	32.444	ug/l	92
49) 1,4-Dioxane	7.678	88	1533	37.514	ug/l #	84

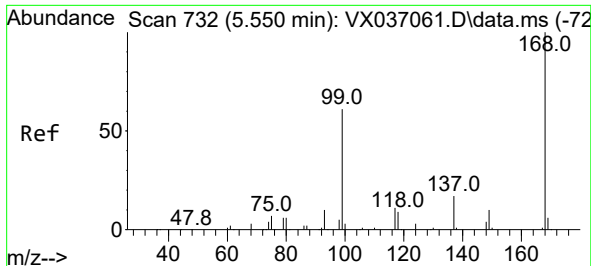
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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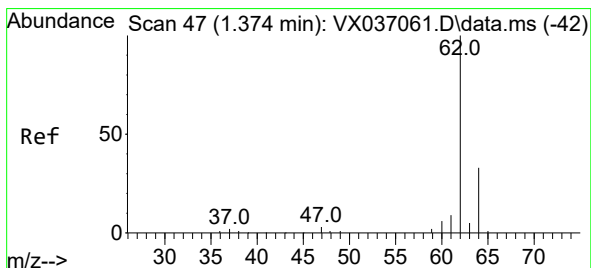
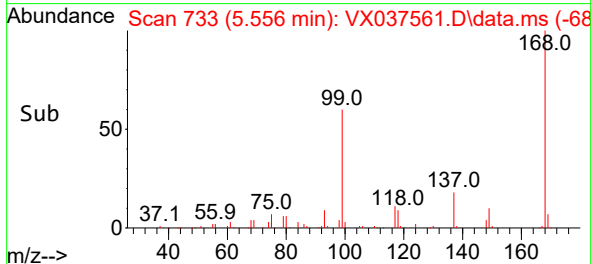
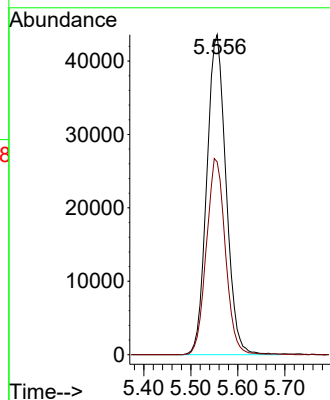
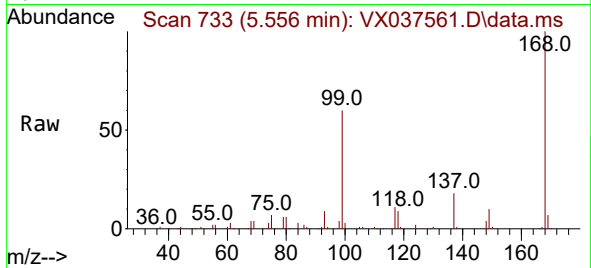




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

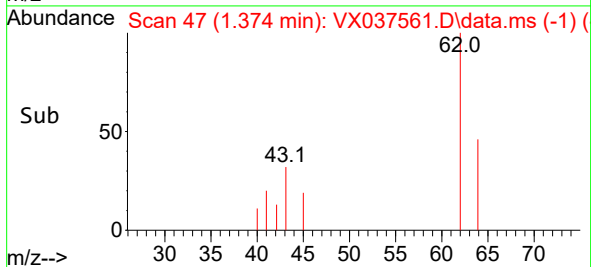
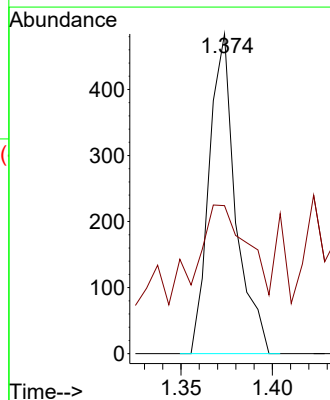
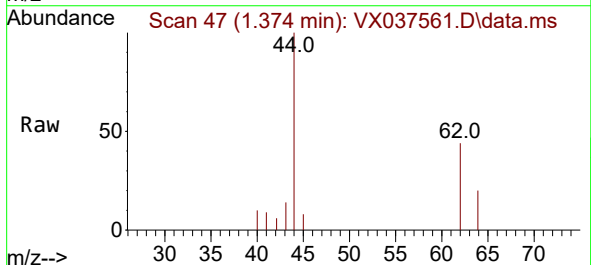
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090123-3V

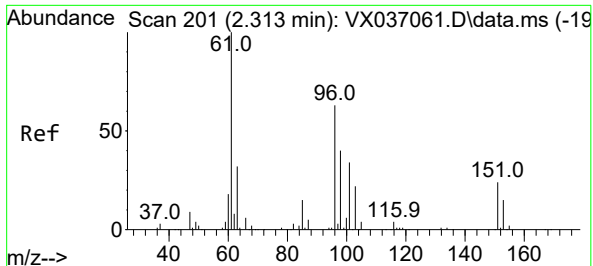
Tgt Ion:168 Resp: 123787
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#4
Vinyl Chloride
Concen: 0.358 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion: 62 Resp: 490
Ion Ratio Lower Upper
62 100
64 16.7 25.4 38.0#





#12

1,1-Dichloroethene

Concen: 21.394 ug/l

RT: 2.319 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX037561.D

Acq: 06 Sep 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

MW-10B-42.5-090123-3V

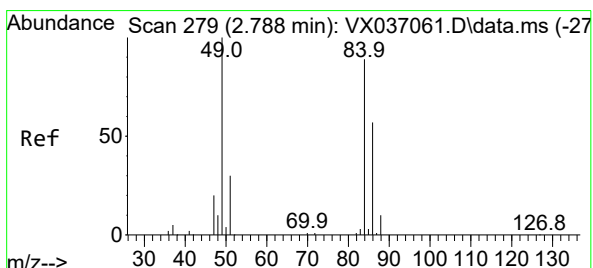
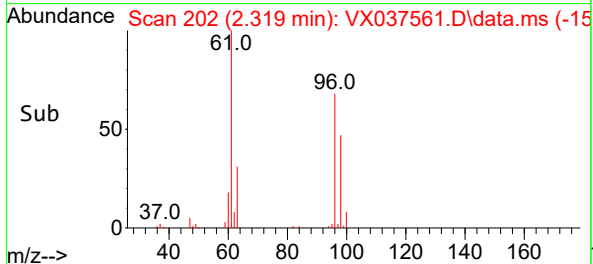
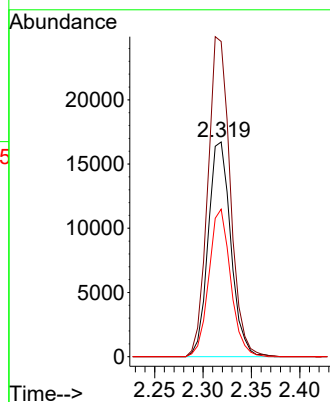
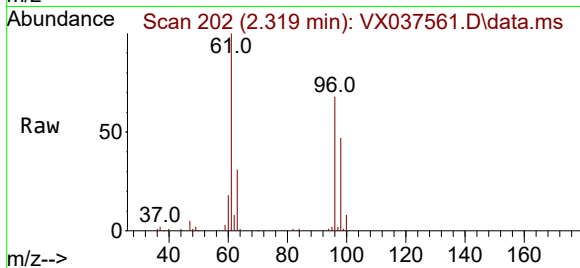
Tgt Ion: 96 Resp: 27262

Ion Ratio Lower Upper

96 100

61 146.8 144.6 216.8

98 68.7 50.4 75.6



#20

Methylene Chloride

Concen: 0.339 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX037561.D

Acq: 06 Sep 2023 17:53

Tgt Ion: 84 Resp: 530

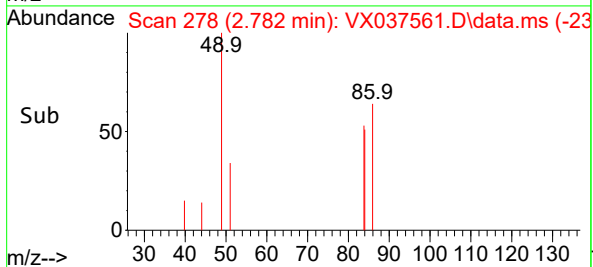
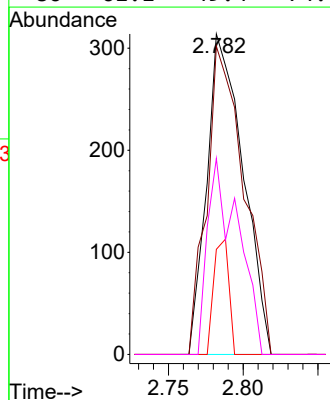
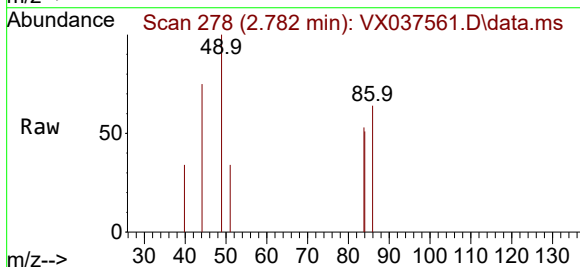
Ion Ratio Lower Upper

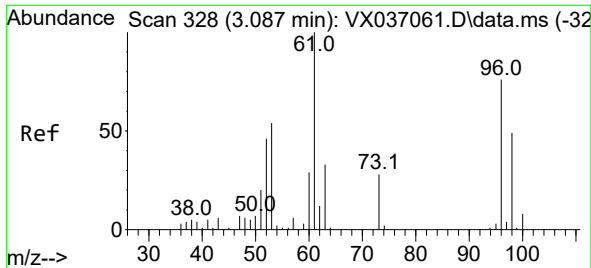
84 100

49 96.2 103.6 155.4#

51 32.8 33.8 50.6#

86 61.1 49.4 74.0

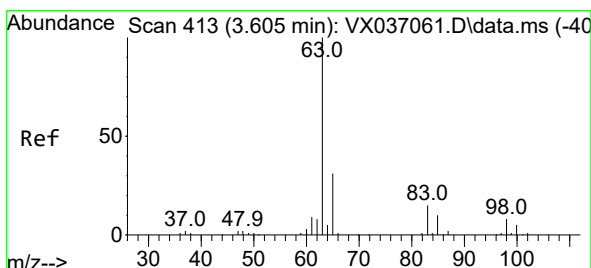
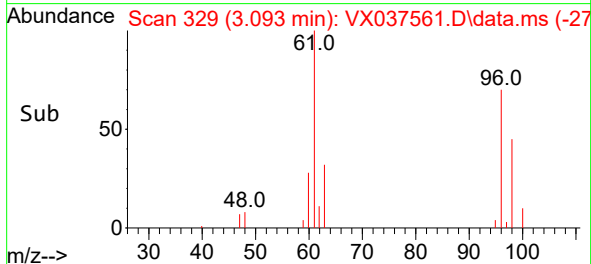
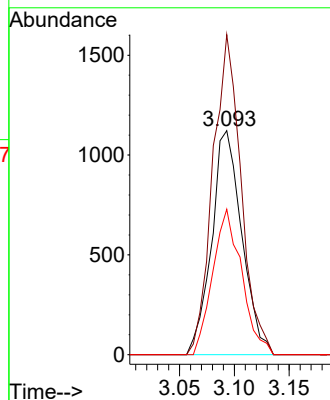
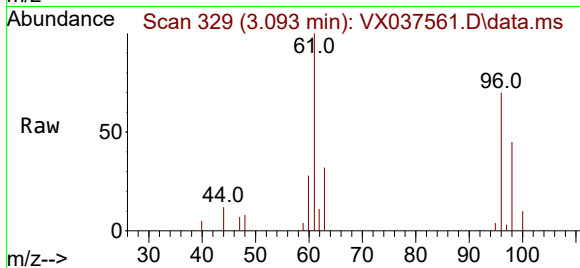




#21
trans-1,2-Dichloroethene
Concen: 1.485 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

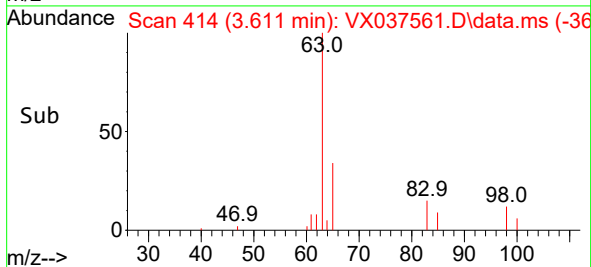
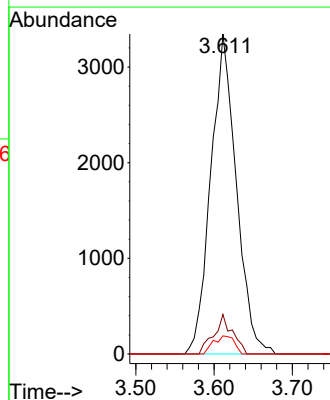
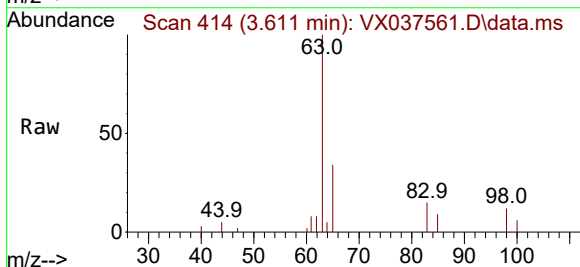
Instrument :
MSVOA_X
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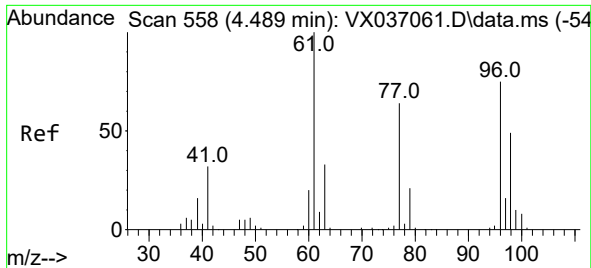
Tgt Ion:	96	Resp:	2151
Ion	Ratio	Lower	Upper
96	100		
61	142.9	119.2	178.8
98	65.0	48.7	73.1



#24
1,1-Dichloroethane
Concen: 2.992 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion:	63	Resp:	7594
Ion	Ratio	Lower	Upper
63	100		
98	12.4	3.3	9.8#
100	5.7	2.1	6.5

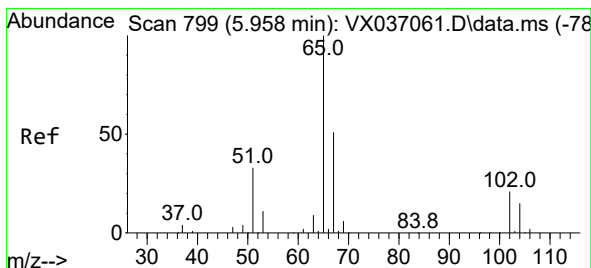
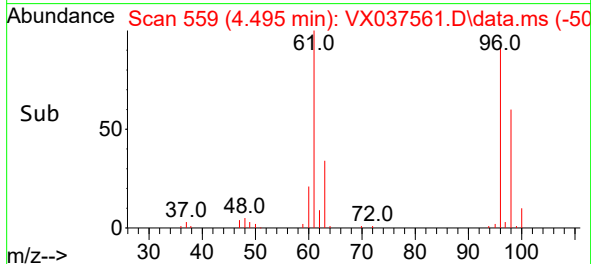
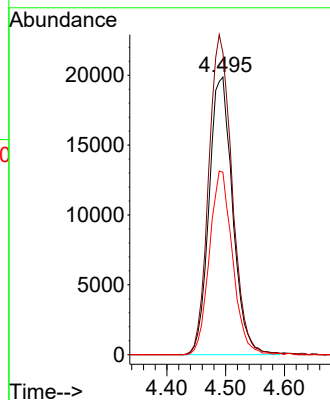
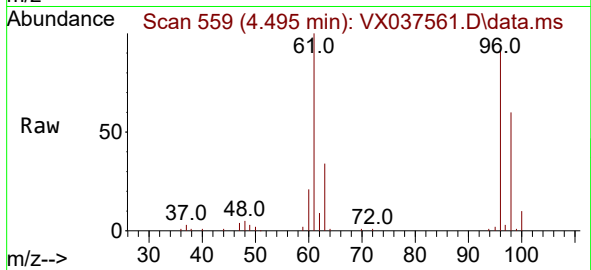




#27
 cis-1,2-Dichloroethene
 Concen: 32.465 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX037561.D
 Acq: 06 Sep 2023 17:53

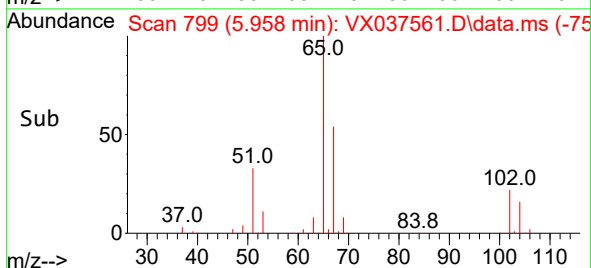
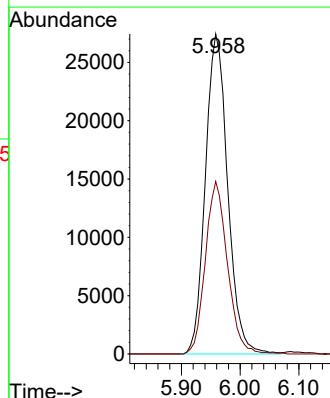
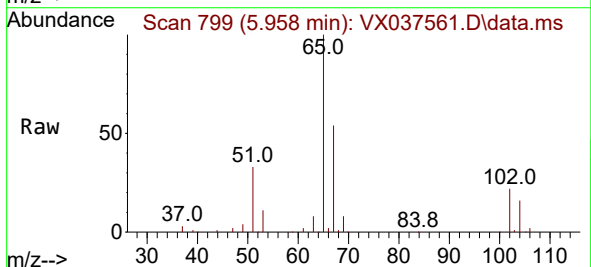
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10B-42.5-090123-3V

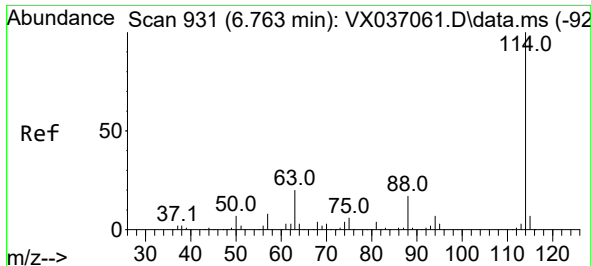
Tgt Ion:	96	Resp:	55440
Ion	Ratio	Lower	Upper
96	100		
61	114.4	0.0	312.2
98	64.8	0.0	129.0



#33
 1,2-Dichloroethane-d4
 Concen: 40.552 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037561.D
 Acq: 06 Sep 2023 17:53

Tgt Ion:	65	Resp:	72369
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	100.2

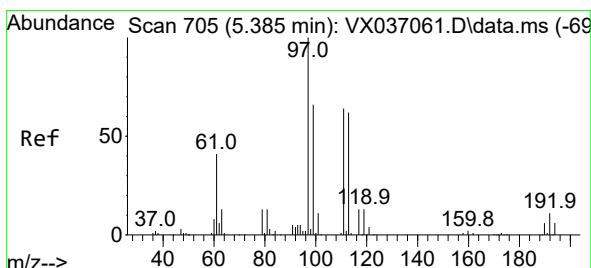
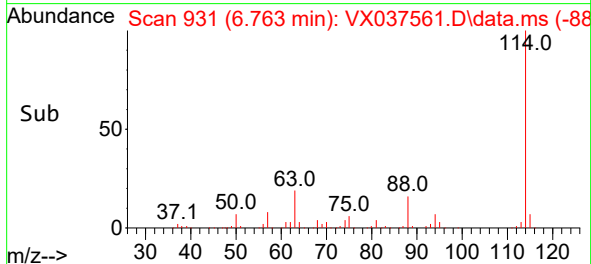
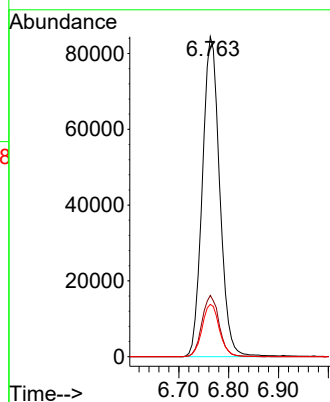
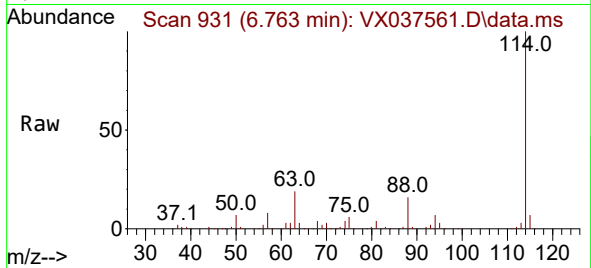




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

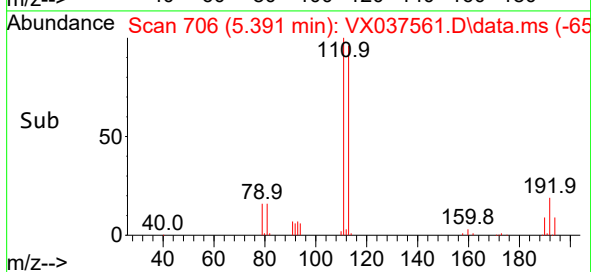
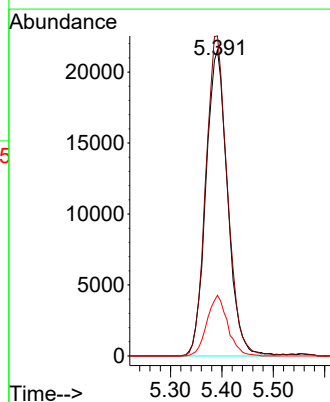
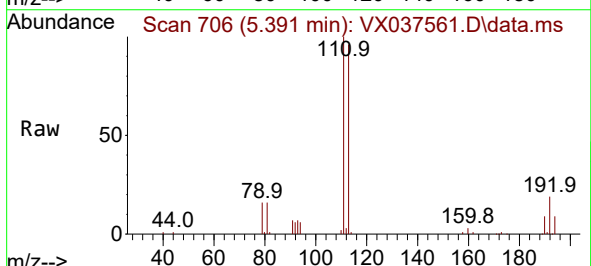
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ClientSampleId :
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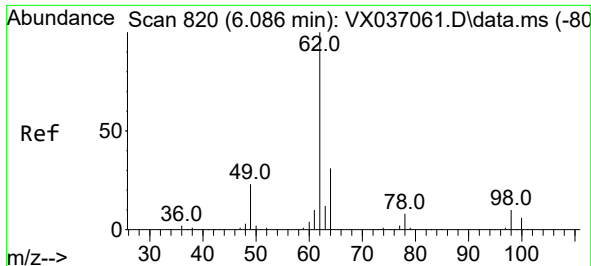
Tgt Ion:114 Resp: 203898
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.696 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion:113 Resp: 63057
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.9 13.3 19.9





#42

1,2-Dichloroethane

Concen: 2.755 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX037561.D

Acq: 06 Sep 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

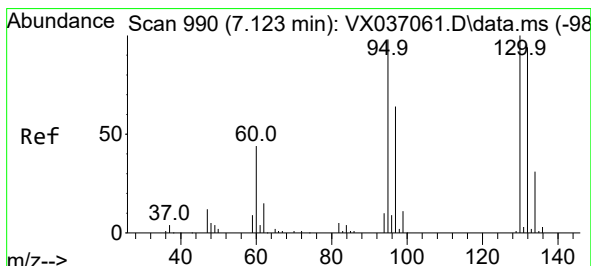
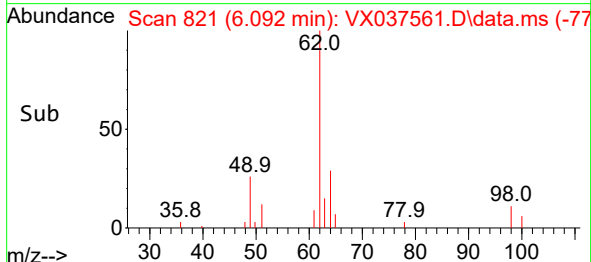
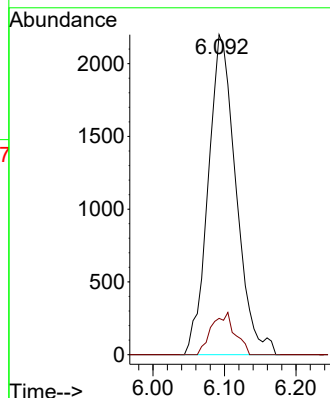
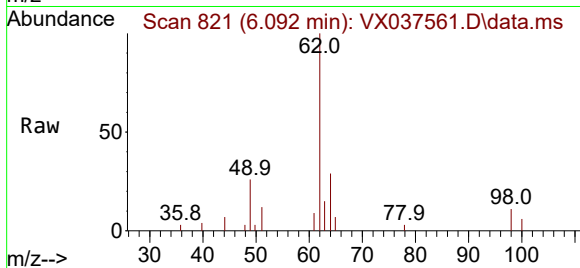
MW-10B-42.5-090123-3V

Tgt Ion: 62 Resp: 5945

Ion Ratio Lower Upper

62 100

98 11.1 0.0 16.0



#44

Trichloroethene

Concen: 32.444 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037561.D

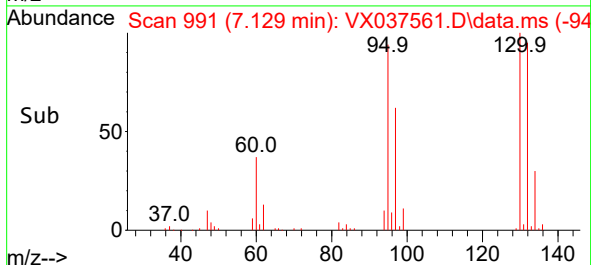
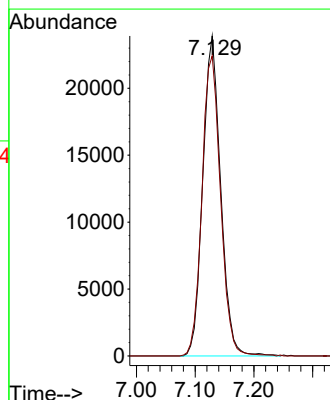
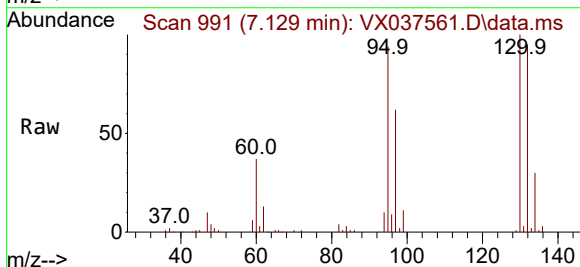
Acq: 06 Sep 2023 17:53

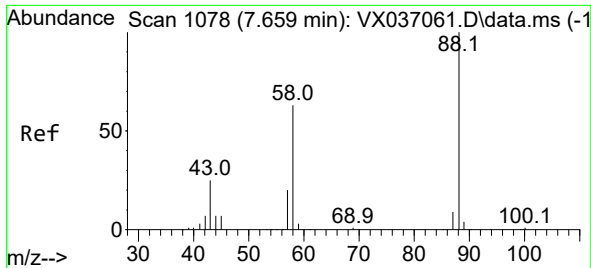
Tgt Ion:130 Resp: 50619

Ion Ratio Lower Upper

130 100

95 93.8 0.0 204.4

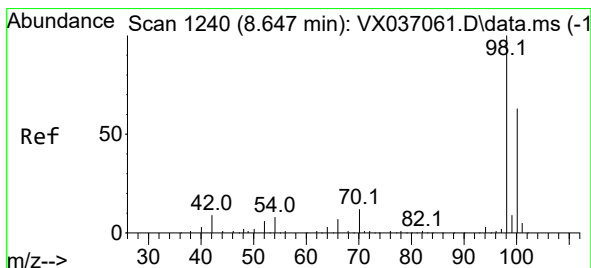
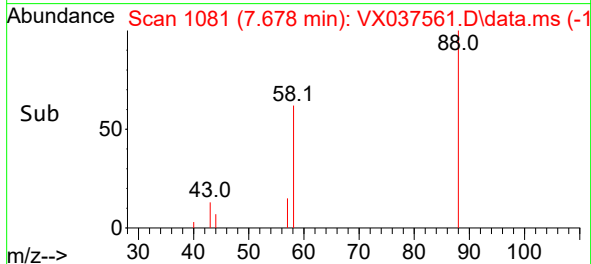
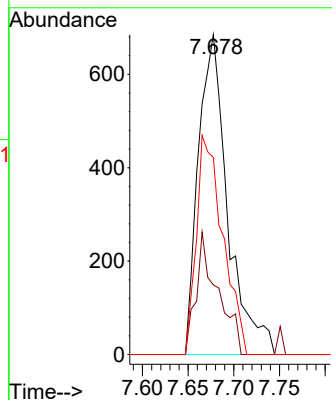
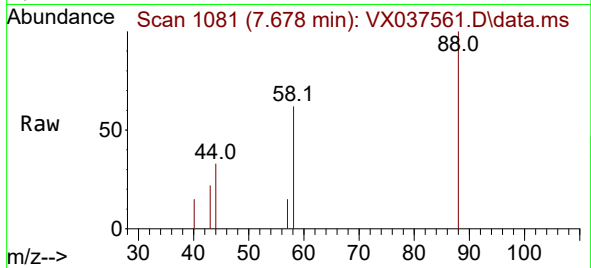




#49
1,4-Dioxane
Concen: 37.514 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

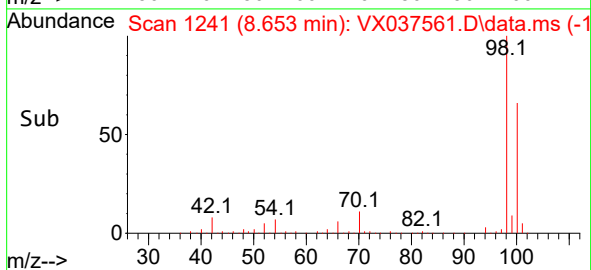
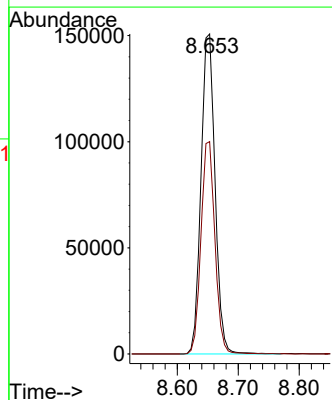
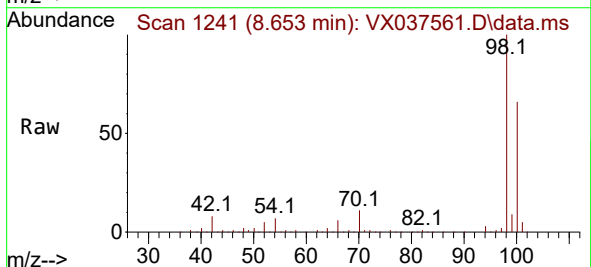
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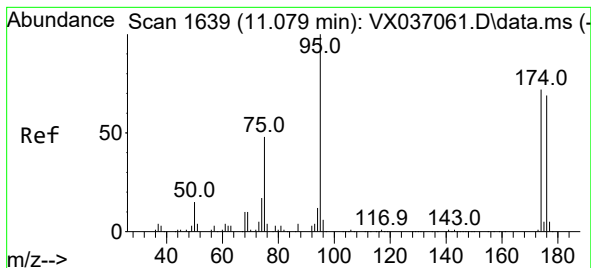
Tgt Ion: 88 Resp: 1533
Ion Ratio Lower Upper
88 100
43 28.2 0.0 0.0#
58 61.4 60.1 90.1



#50
Toluene-d8
Concen: 49.525 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

Tgt Ion: 98 Resp: 242588
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

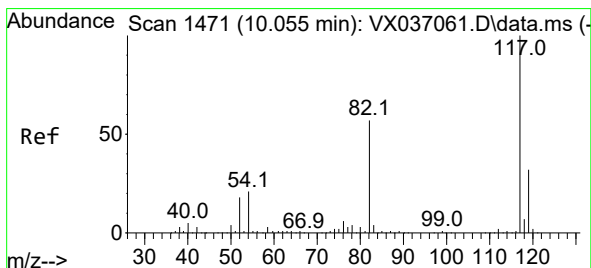
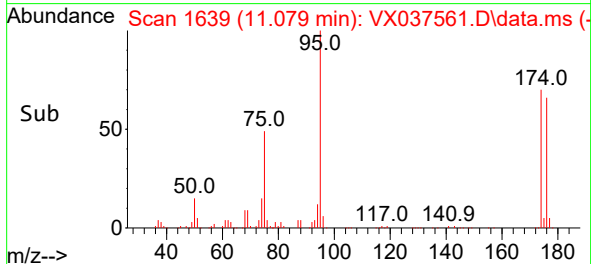
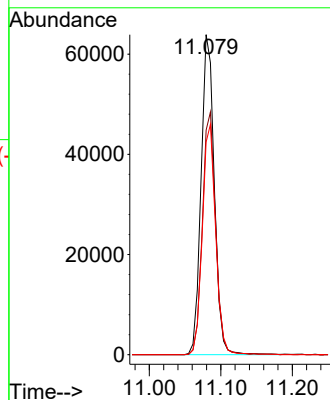
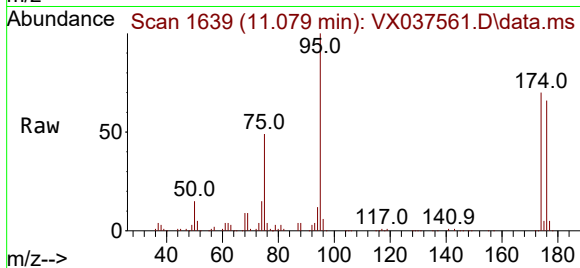




#62
4-Bromofluorobenzene
Concen: 42.595 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

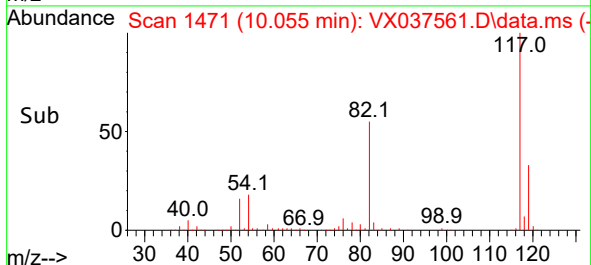
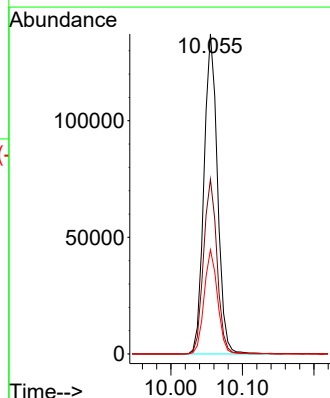
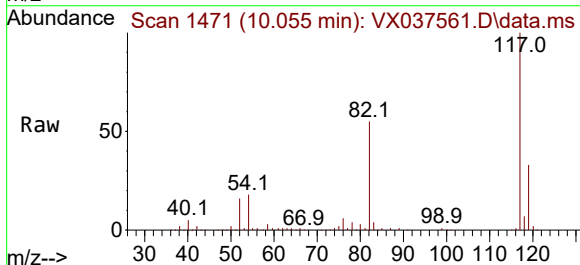
Instrument :
MSVOA_X
ClientSampleId :
MW-10B-42.5-090123-3V

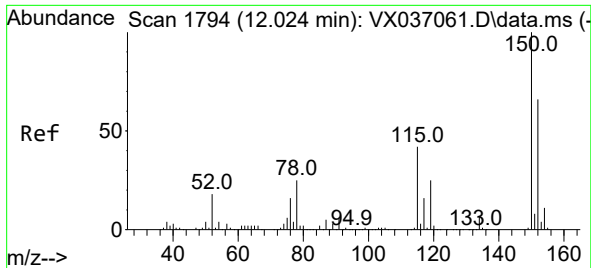
Tgt Ion: 95 Resp: 81993
Ion Ratio Lower Upper
95 100
174 75.9 0.0 135.6
176 72.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037561.D
Acq: 06 Sep 2023 17:53

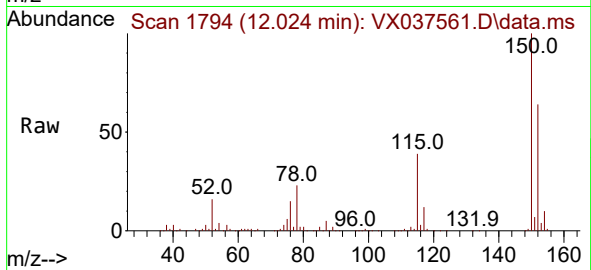
Tgt Ion: 117 Resp: 180633
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037561.D
 Acq: 06 Sep 2023 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10B-42.5-090123-3V



Tgt Ion:152 Resp: 73318
 Ion Ratio Lower Upper
 152 100
 115 61.5 43.3 129.9
 150 155.9 0.0 345.0

