

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037591.D
 Acq On : 07 Sep 2023 20:22
 Operator : JC/MD
 Sample : 04327-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03-127-090623

Quant Time: Sep 08 00:50:40 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)

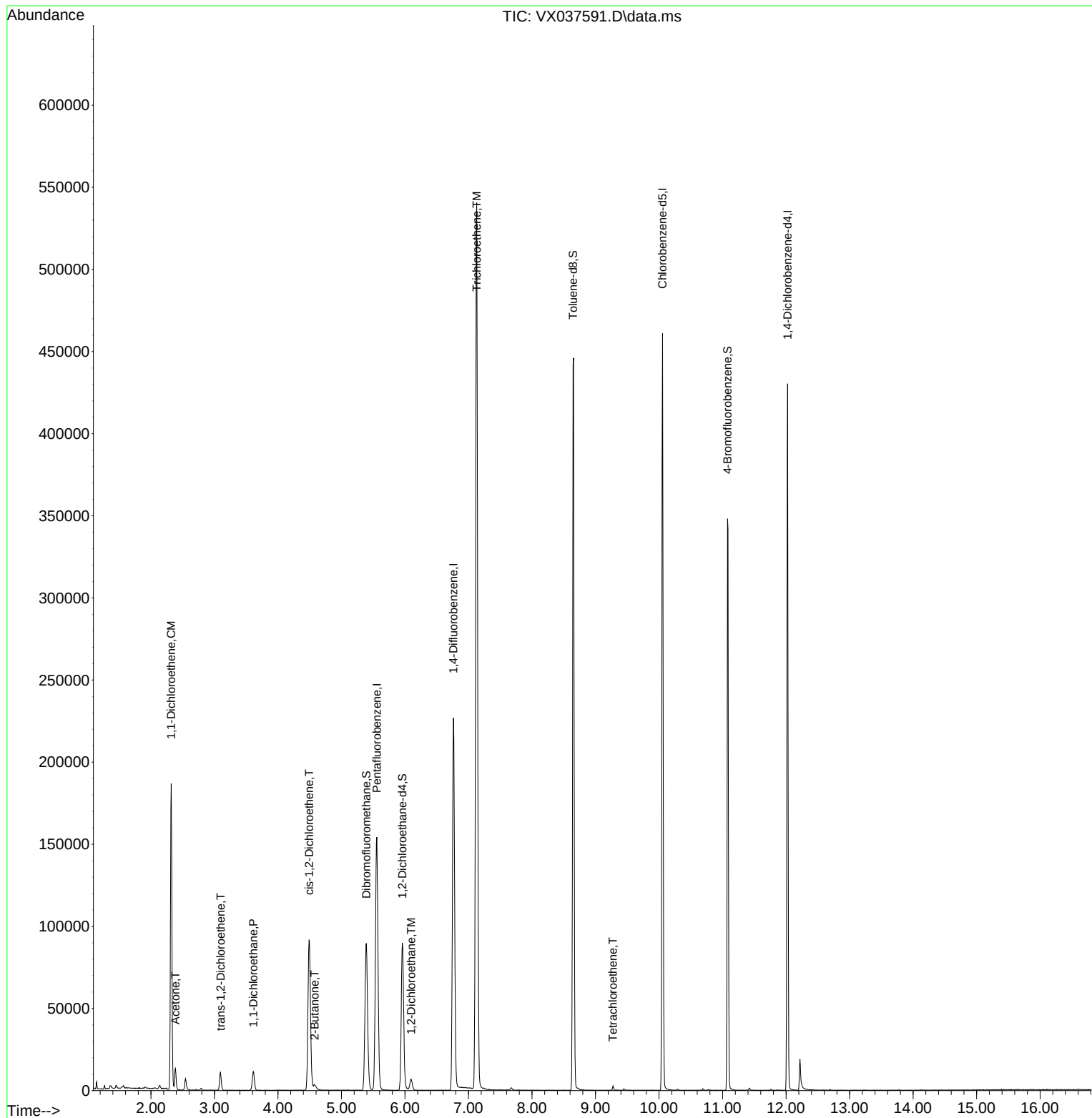
Internal Standards						
1) Pentafluorobenzene	5.556	168	147526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87878	41.318	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	82.640%	
35) Dibromofluoromethane	5.391	113	80394	49.249	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.500%	
50) Toluene-d8	8.647	98	280439	47.361	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	94.720%	
62) 4-Bromofluorobenzene	11.079	95	102907	44.223	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	88.440%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	65506	43.135	ug/l #	79
16) Acetone	2.386	43	13958	16.776	ug/l #	87
21) trans-1,2-Dichloroethene	3.099	96	4849	2.809	ug/l #	80
24) 1,1-Dichloroethane	3.611	63	13087	4.327	ug/l #	96
25) 2-Butanone	4.574	43	6330	5.053	ug/l #	89
27) cis-1,2-Dichloroethene	4.489	96	64606	31.745	ug/l	77
42) 1,2-Dichloroethane	6.098	62	8124	3.115	ug/l	92
44) Trichloroethene	7.129	130	222505	117.973	ug/l	94
64) Tetrachloroethene	9.275	164	512	0.318	ug/l #	91

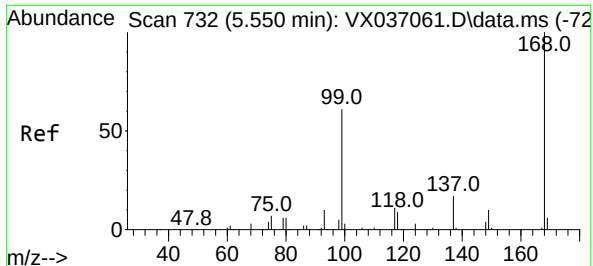
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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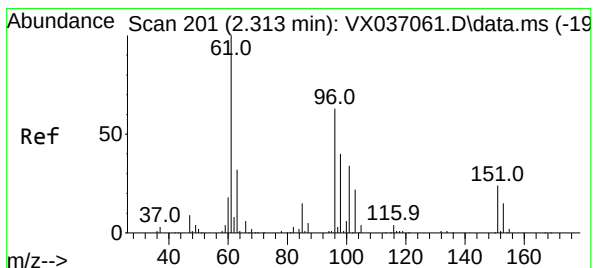
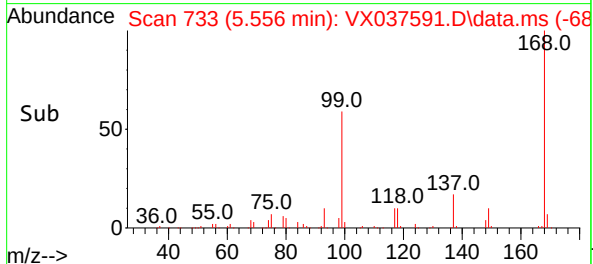
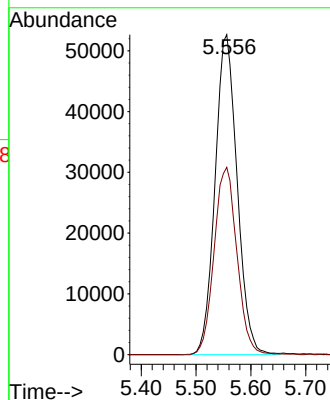
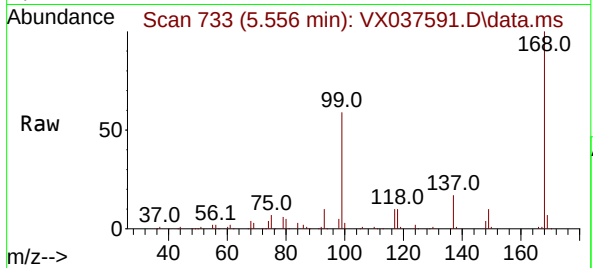




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037591.D
Acq: 07 Sep 2023 20:22

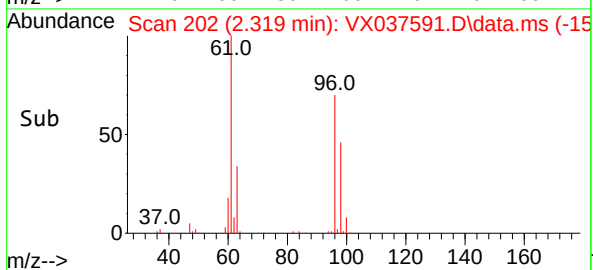
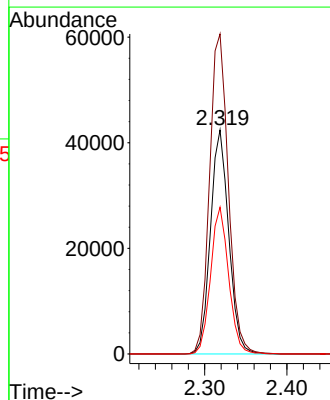
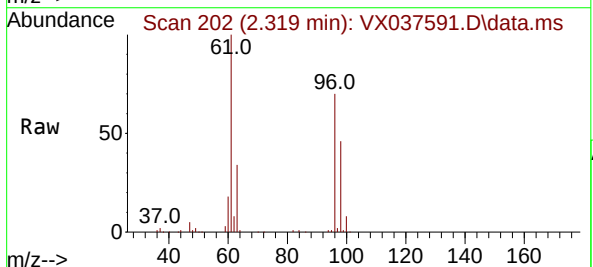
Instrument :
MSVOA_X
ClientSampleId :
BR-03-127-090623

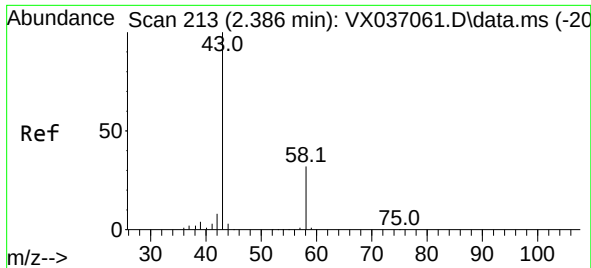
Tgt Ion:168 Resp: 147526
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#12
1,1-Dichloroethene
Concen: 43.135 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037591.D
Acq: 07 Sep 2023 20:22

Tgt Ion: 96 Resp: 65506
Ion Ratio Lower Upper
96 100
61 142.8 144.6 216.8#
98 65.5 50.4 75.6

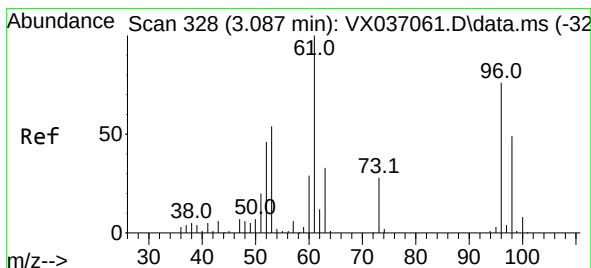
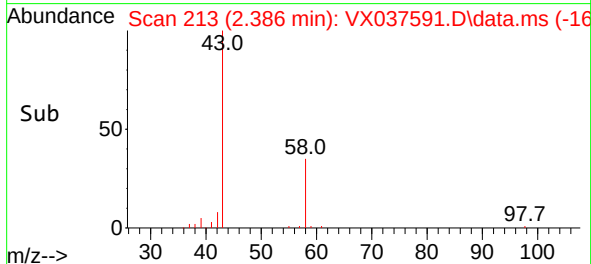
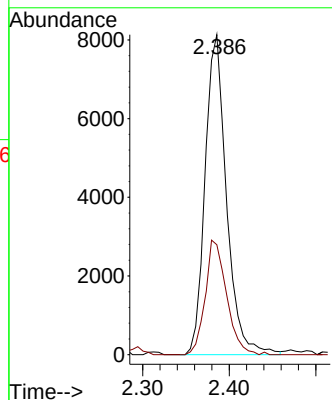
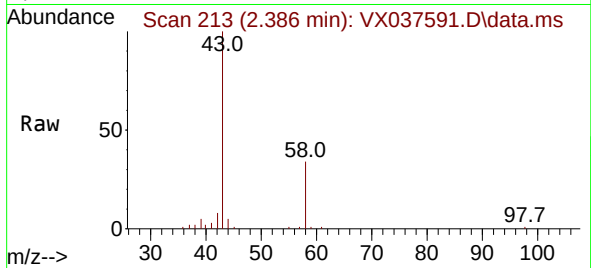




#16
Acetone
Concen: 16.776 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037591.D
Acq: 07 Sep 2023 20:22

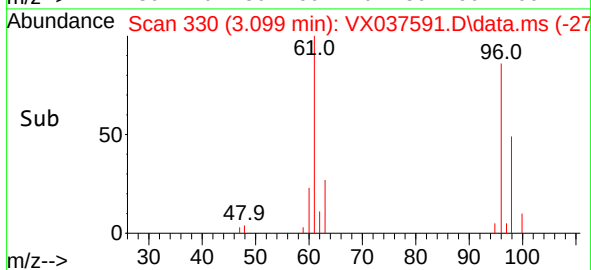
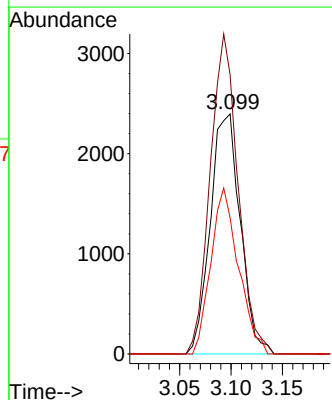
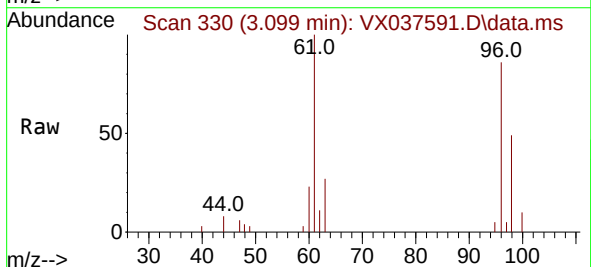
Instrument :
MSVOA_X
ClientSampleId :
BR-03-127-090623

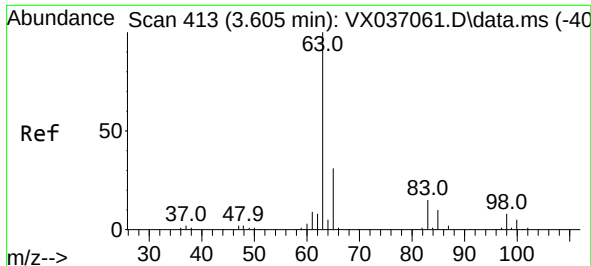
Tgt Ion: 43 Resp: 13958
Ion Ratio Lower Upper
43 100
58 34.4 21.9 32.9#



#21
trans-1,2-Dichloroethene
Concen: 2.809 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.012 min
Lab File: VX037591.D
Acq: 07 Sep 2023 20:22

Tgt Ion: 96 Resp: 4849
Ion Ratio Lower Upper
96 100
61 116.2 119.2 178.8#
98 56.7 48.7 73.1

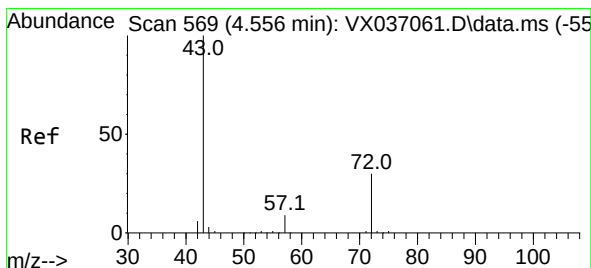
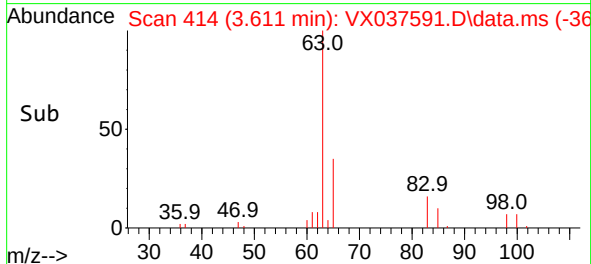
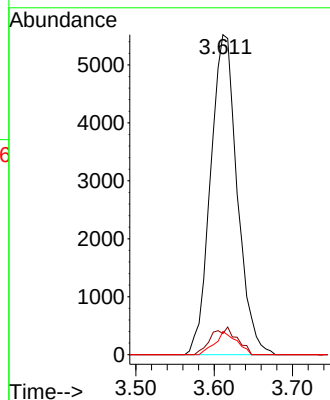
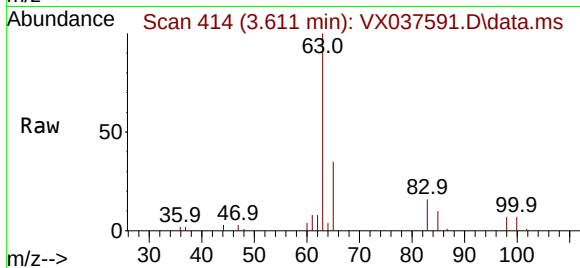




#24
1,1-Dichloroethane
Concen: 4.327 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX037591.D
Acq: 07 Sep 2023 20:22

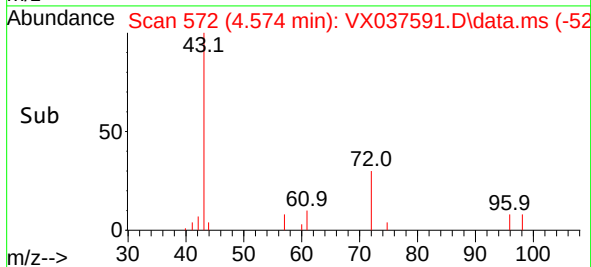
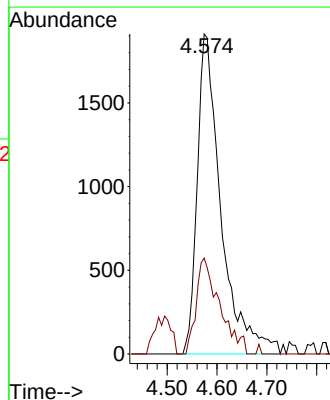
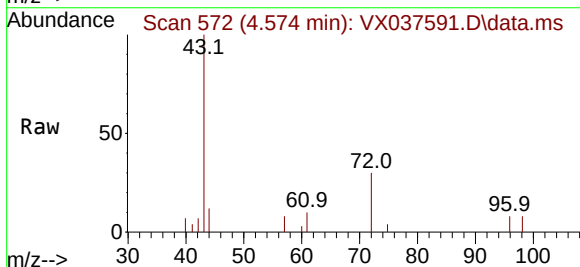
Instrument :
MSVOA_X
ClientSampleId :
BR-03-127-090623

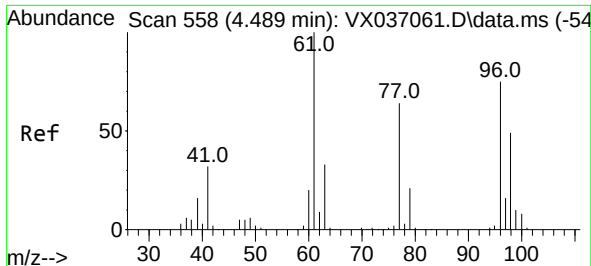
Tgt Ion: 63 Resp: 13087
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.8
100 7.2 2.1 6.5#



#25
2-Butanone
Concen: 5.053 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX037591.D
Acq: 07 Sep 2023 20:22

Tgt Ion: 43 Resp: 6330
Ion Ratio Lower Upper
43 100
72 30.0 19.4 29.2#

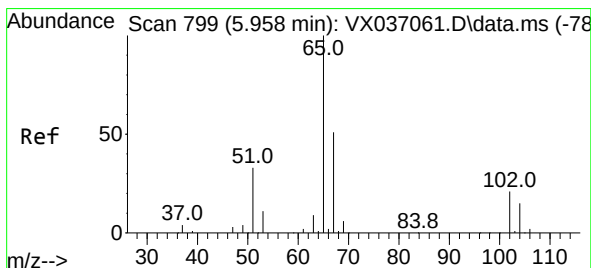
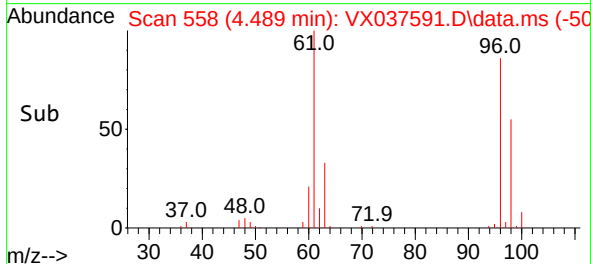
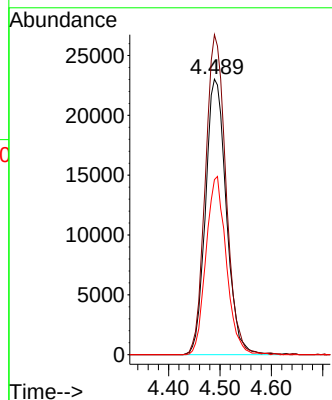
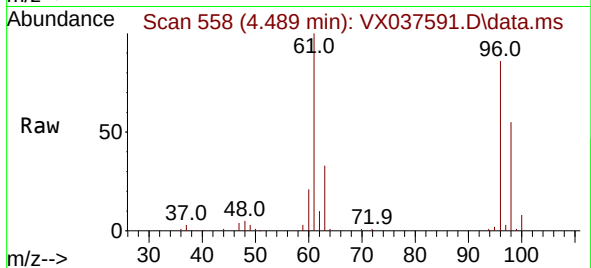




#27
 cis-1,2-Dichloroethene
 Concen: 31.745 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX037591.D
 Acq: 07 Sep 2023 20:22

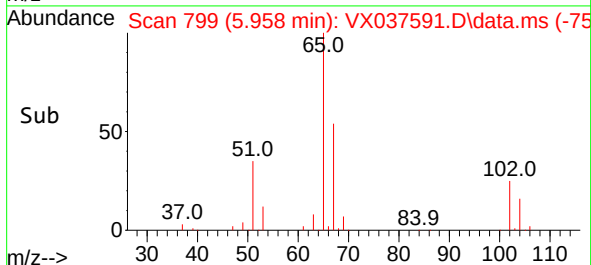
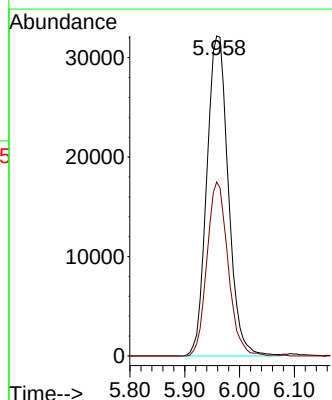
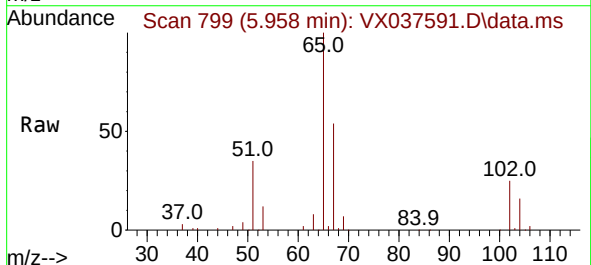
Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03-127-090623

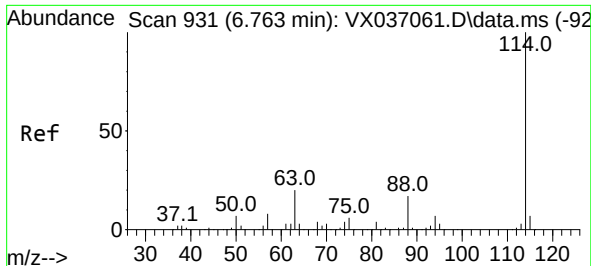
Tgt Ion: 96 Resp: 64606
 Ion Ratio Lower Upper
 96 100
 61 114.7 0.0 312.2
 98 63.3 0.0 129.0



#33
 1,2-Dichloroethane-d4
 Concen: 41.318 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037591.D
 Acq: 07 Sep 2023 20:22

Tgt Ion: 65 Resp: 87878
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2

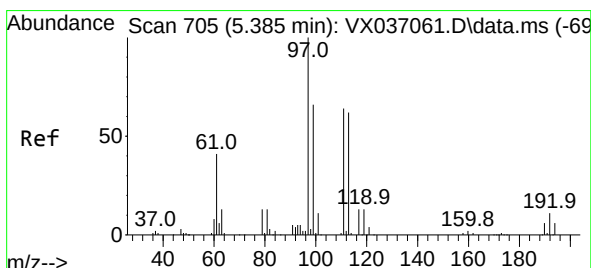
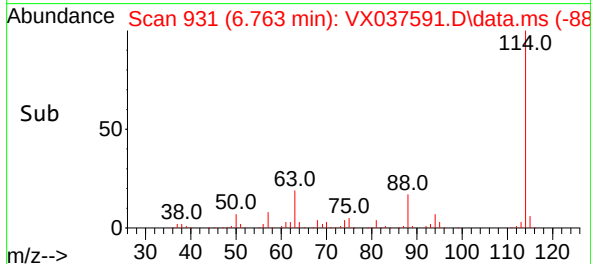
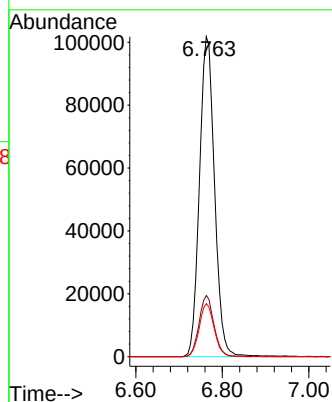
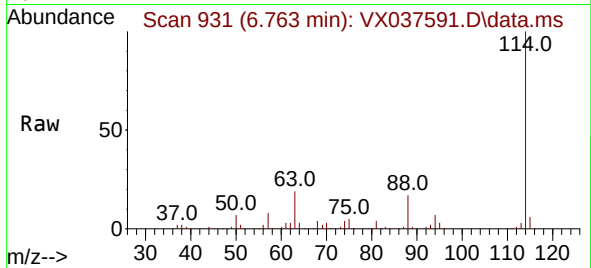




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037591.D
Acq: 07 Sep 2023 20:22

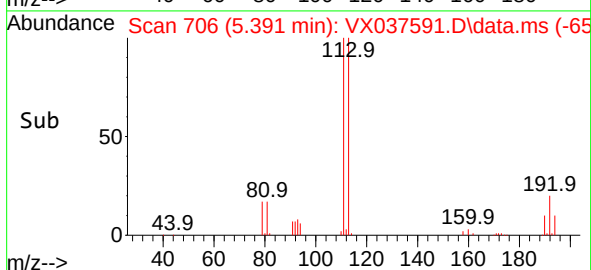
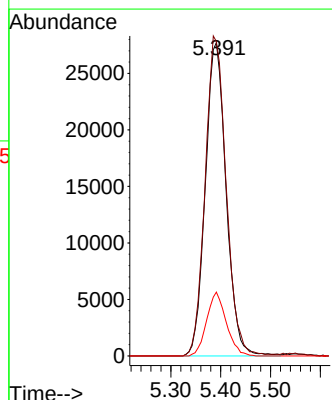
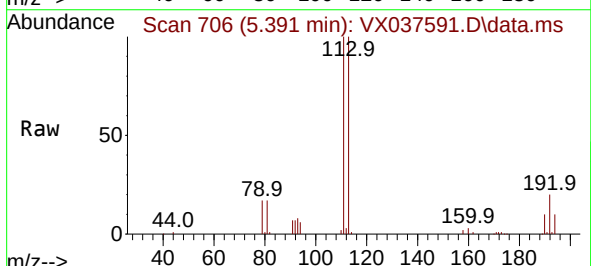
Instrument :
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ClientSampleId :
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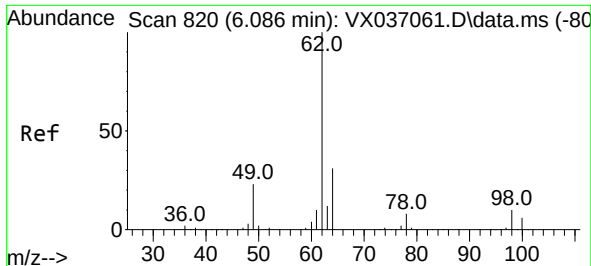
Tgt Ion:114 Resp: 246484
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.249 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037591.D
Acq: 07 Sep 2023 20:22

Tgt Ion:113 Resp: 80394
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.3 13.3 19.9





#42

1,2-Dichloroethane

Concen: 3.115 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX037591.D

Acq: 07 Sep 2023 20:22

Instrument :

MSVOA_X

ClientSampleId :

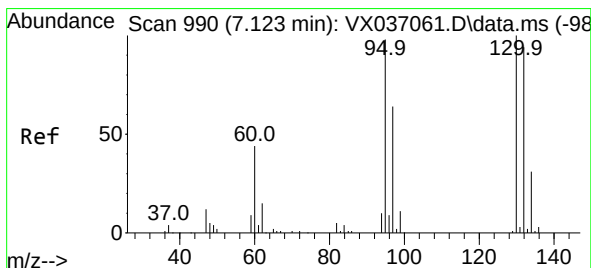
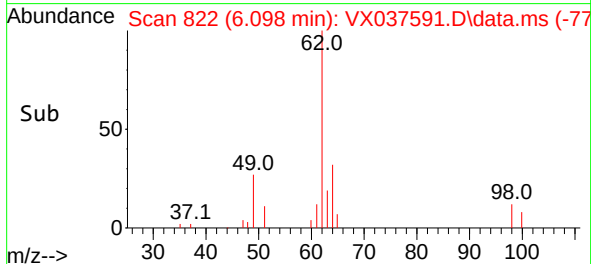
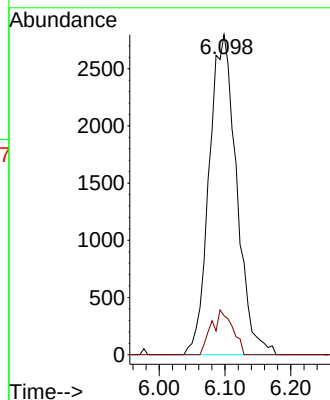
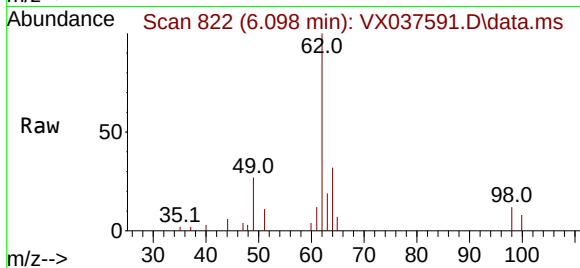
BR-03-127-090623

Tgt Ion: 62 Resp: 8124

Ion Ratio Lower Upper

62 100

98 10.7 0.0 16.0



#44

Trichloroethene

Concen: 117.973 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037591.D

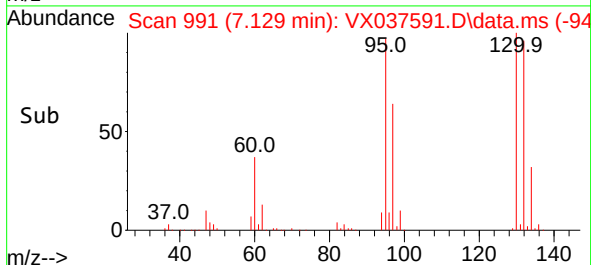
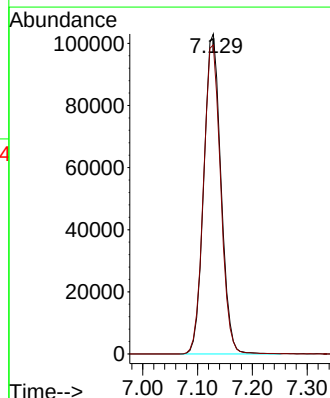
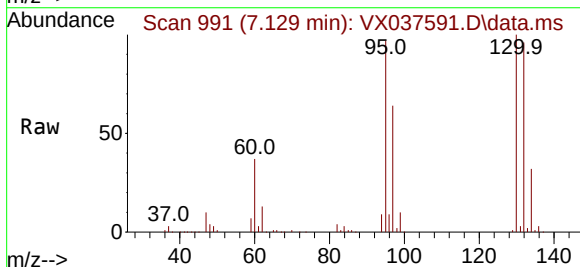
Acq: 07 Sep 2023 20:22

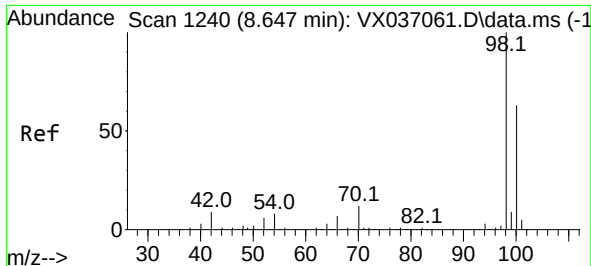
Tgt Ion:130 Resp: 222505

Ion Ratio Lower Upper

130 100

95 96.6 0.0 204.4





#50

Toluene-d8

Concen: 47.361 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037591.D

Acq: 07 Sep 2023 20:22

Instrument :

MSVOA_X

ClientSampleId :

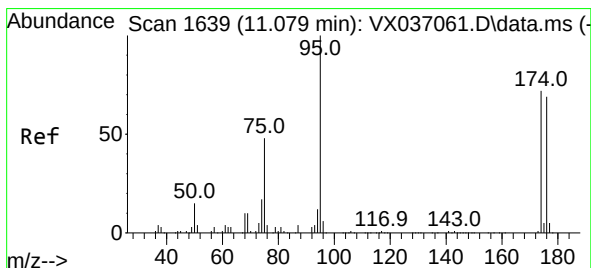
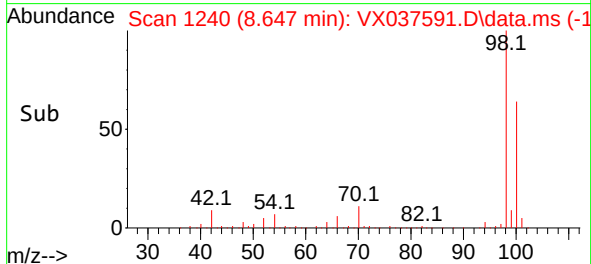
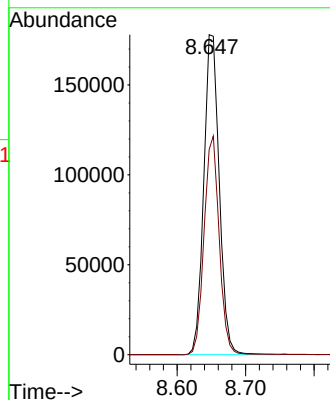
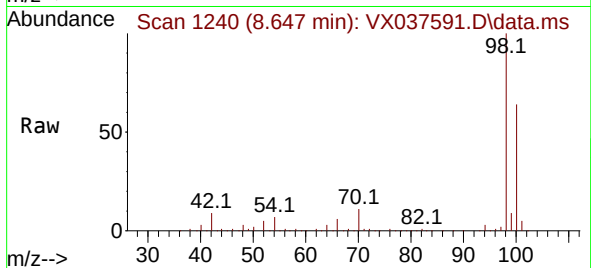
BR-03-127-090623

Tgt Ion: 98 Resp: 280439

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.223 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037591.D

Acq: 07 Sep 2023 20:22

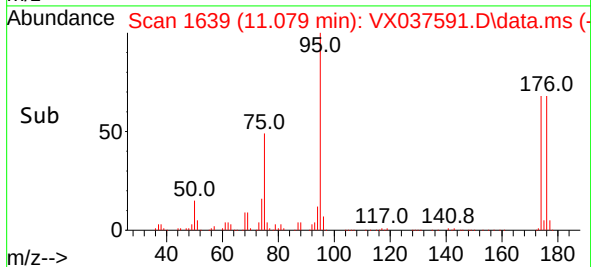
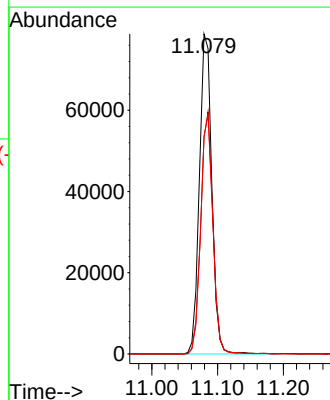
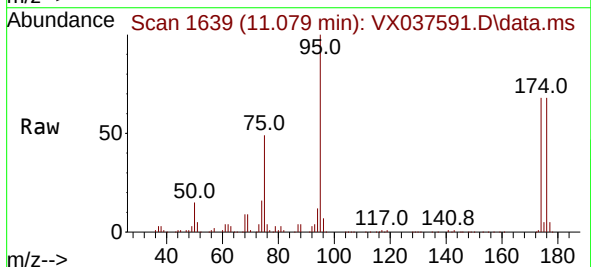
Tgt Ion: 95 Resp: 102907

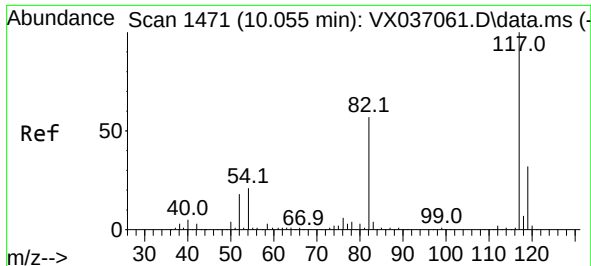
Ion Ratio Lower Upper

95 100

174 74.4 0.0 135.6

176 73.1 0.0 131.0

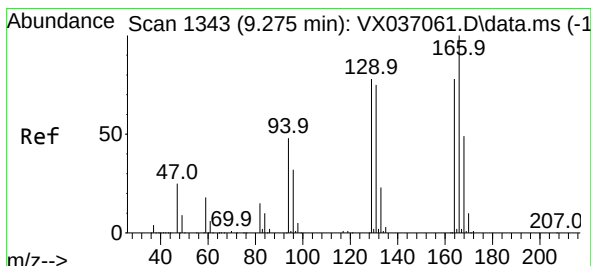
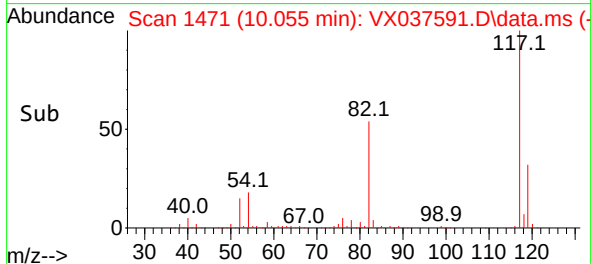
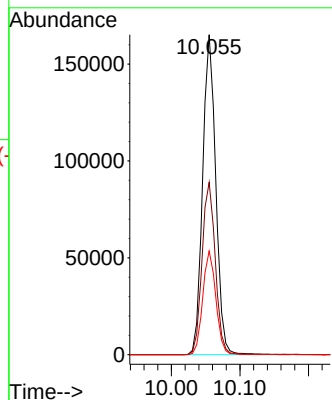
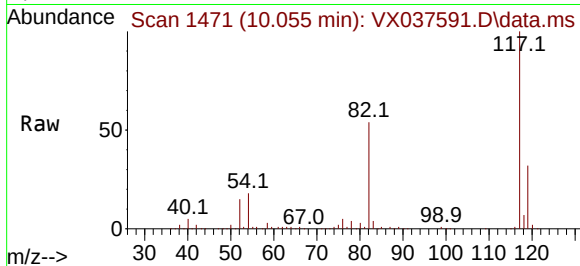




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037591.D
Acq: 07 Sep 2023 20:22

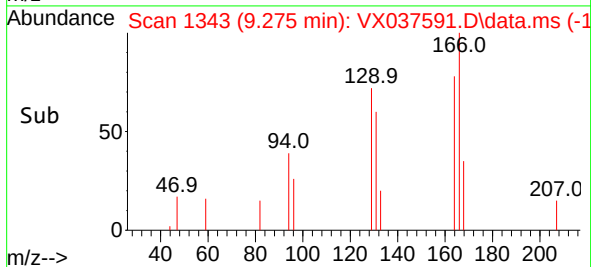
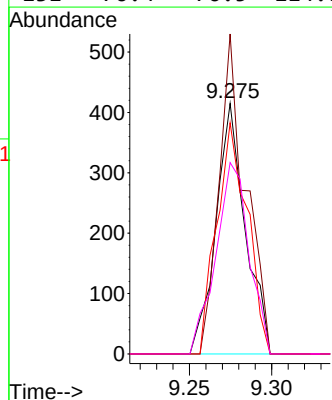
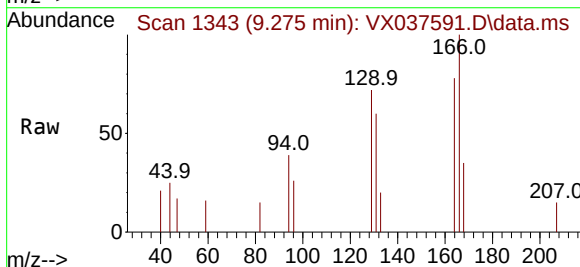
Instrument :
MSVOA_X
ClientSampleId :
BR-03-127-090623

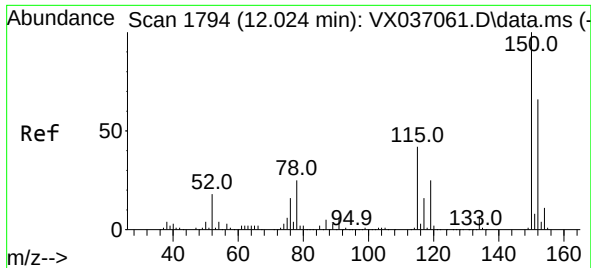
Tgt Ion:117 Resp: 220564
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.318 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037591.D
Acq: 07 Sep 2023 20:22

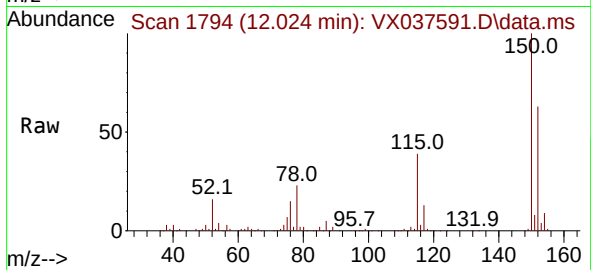
Tgt Ion:164 Resp: 512
Ion Ratio Lower Upper
164 100
166 127.7 102.7 154.1
129 92.3 80.4 120.6
131 76.4 76.5 114.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037591.D
 Acq: 07 Sep 2023 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03-127-090623



Tgt Ion:152 Resp: 91239
 Ion Ratio Lower Upper
 152 100
 115 62.6 43.3 129.9
 150 158.5 0.0 345.0

