

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037558.D
 Acq On : 06 Sep 2023 16:39
 Operator : JC/MD
 Sample : 04287-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-090123

Quant Time: Sep 06 22:47:16 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)

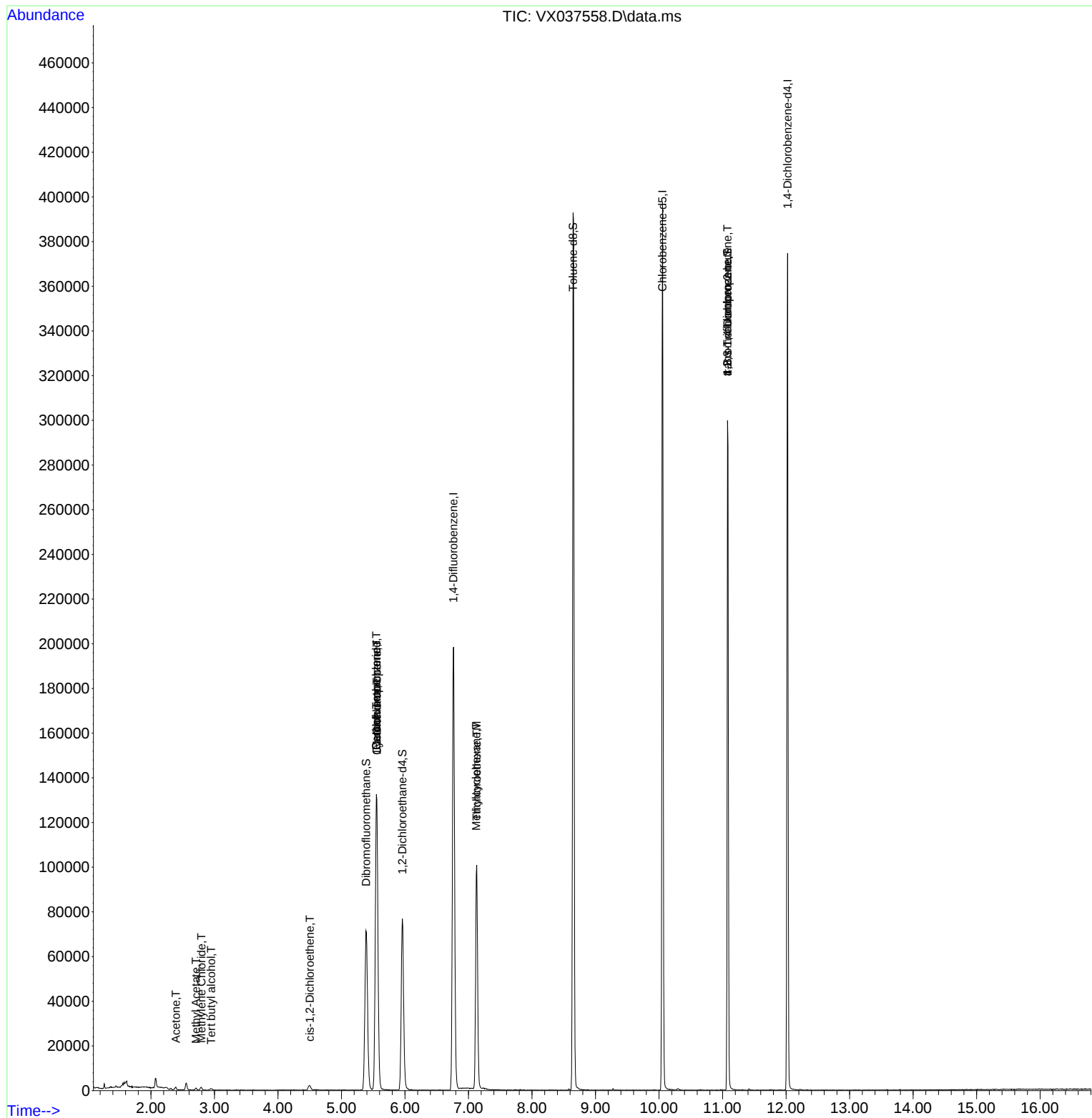
Internal Standards						
1) Pentafluorobenzene	5.550	168	129321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75132	40.298	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.600%
35) Dibromofluoromethane	5.385	113	65004	45.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.540%
50) Toluene-d8	8.647	98	251672	48.850	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	88499	43.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	528	1.207	ug/l #	78
16) Acetone	2.392	43	1465	2.009	ug/l	95
18) Methyl Acetate	2.709	43	1125	0.410	ug/l	94
20) Methylene Chloride	2.794	84	875	0.536	ug/l #	57
27) cis-1,2-Dichloroethene	4.501	96	1685	0.944	ug/l	76
31) Cyclohexane	5.556	56	2346	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9601	4.758	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13178	6.012	ug/l #	15
39) Methylcyclohexane	7.123	83	473	0.223	ug/l #	1
44) Trichloroethene	7.129	130	41720	25.423	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	42493	24.721	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42493	69.047	ug/l #	5

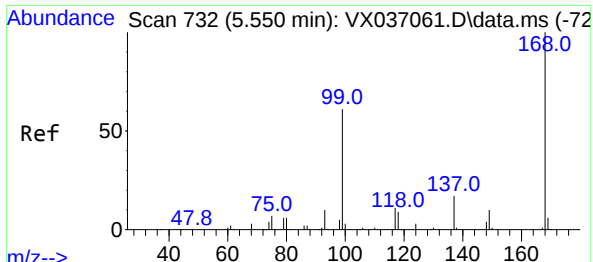
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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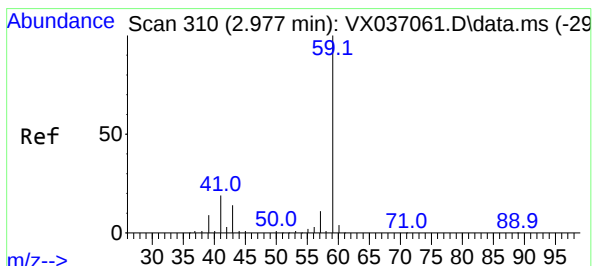
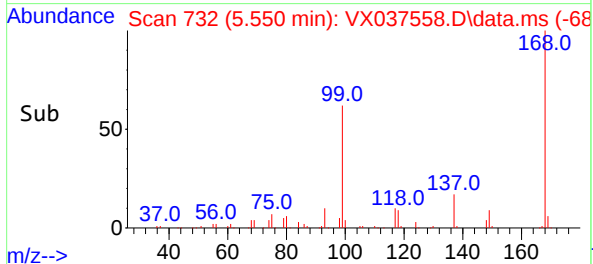
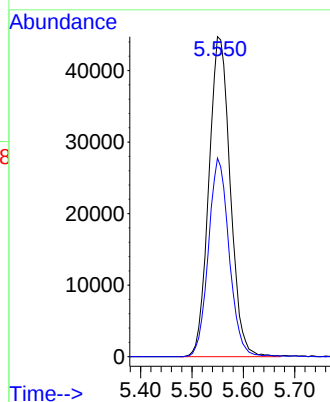
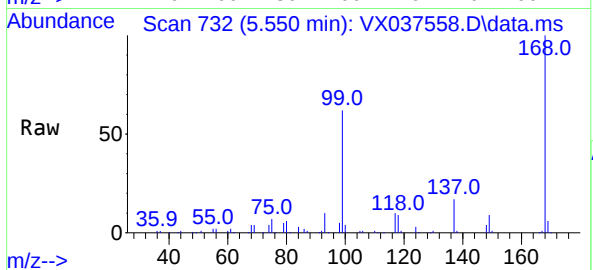




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

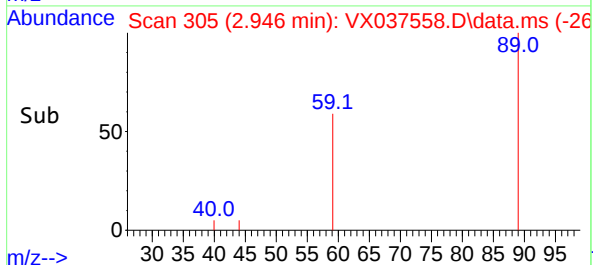
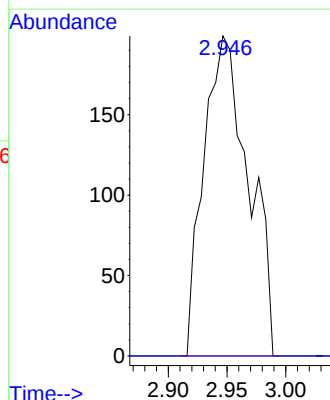
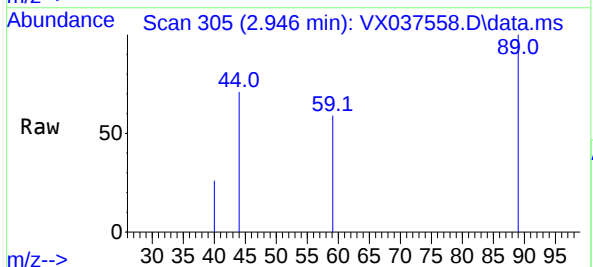
Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

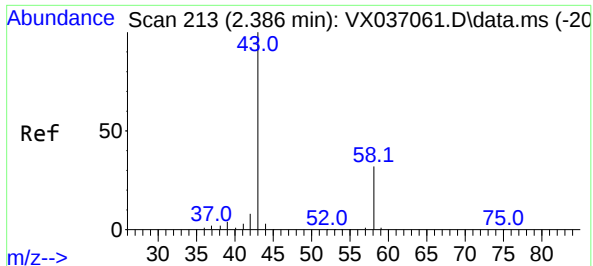
Tgt Ion:168 Resp: 129321
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.207 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion: 59 Resp: 528
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

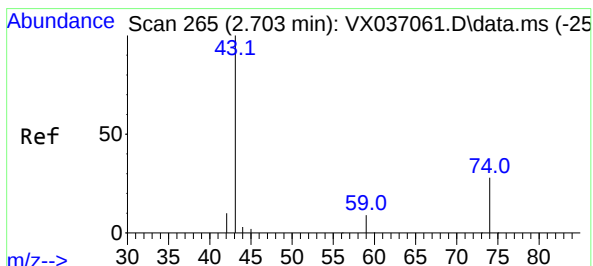
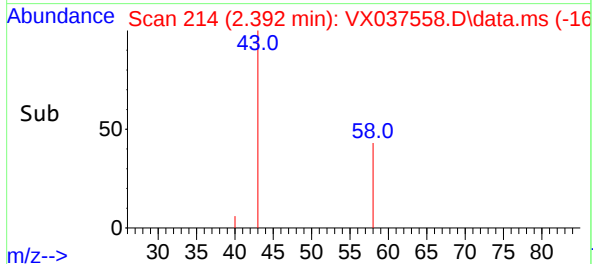
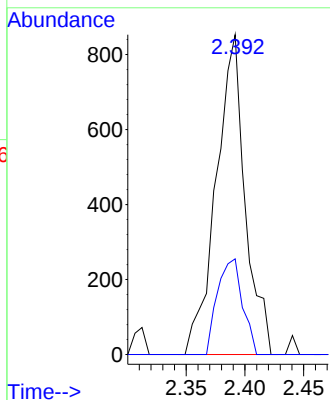
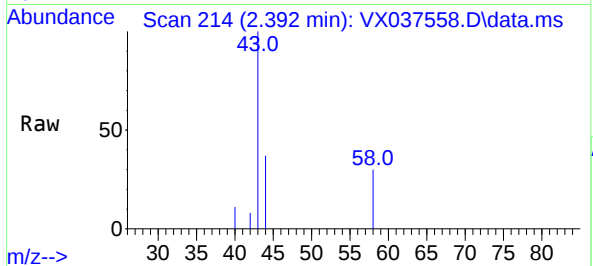




#16
Acetone
Concen: 2.009 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

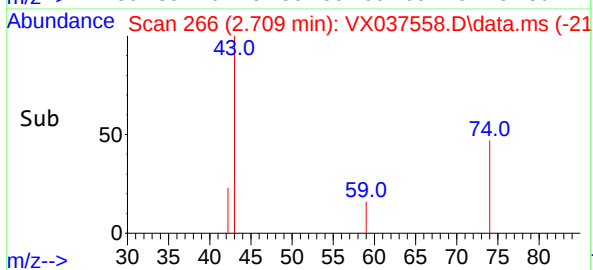
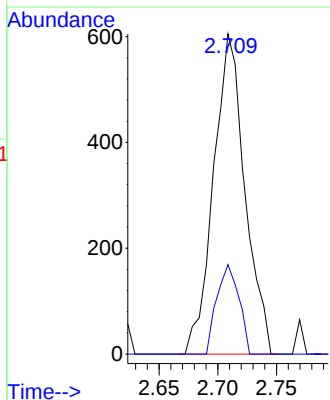
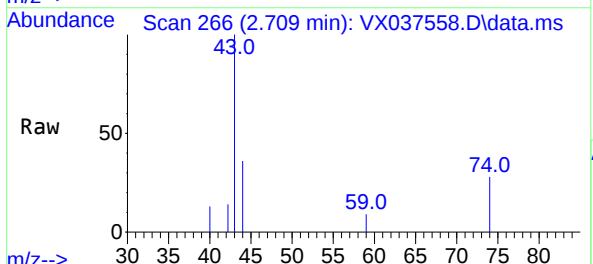
Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

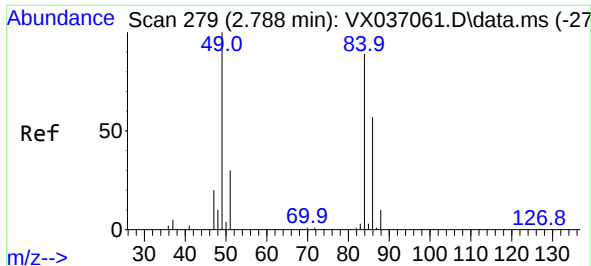
Tgt Ion: 43 Resp: 1465
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9



#18
Methyl Acetate
Concen: 0.410 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
74 19.6 17.8 26.8

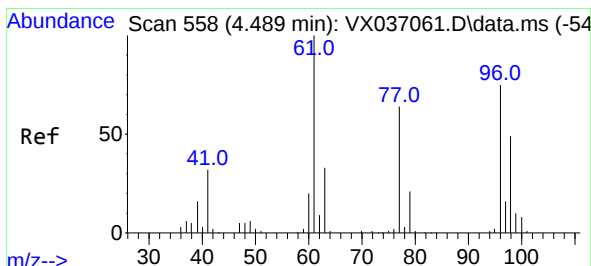
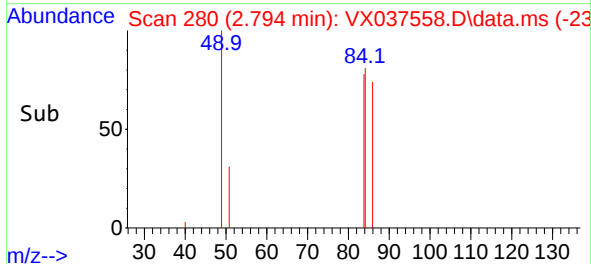
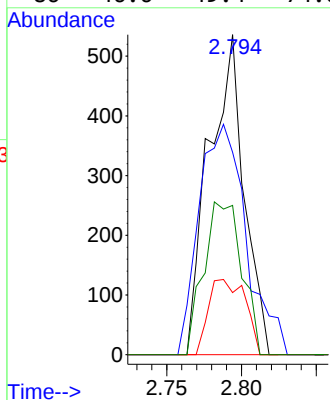
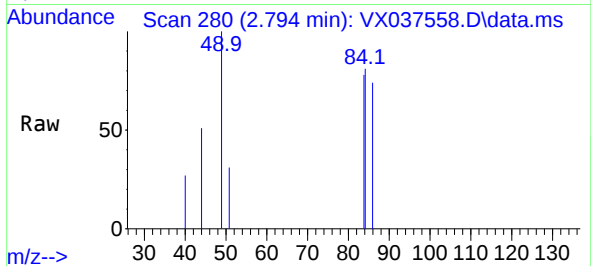




#20
Methylene Chloride
Concen: 0.536 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

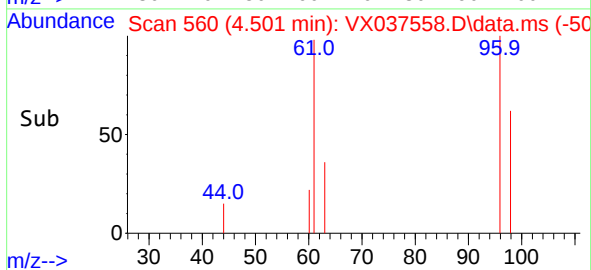
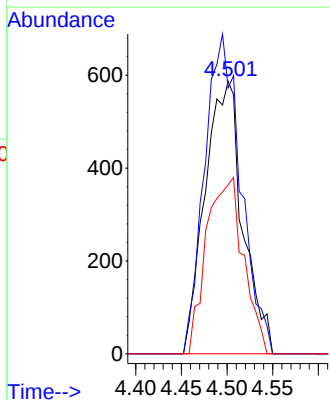
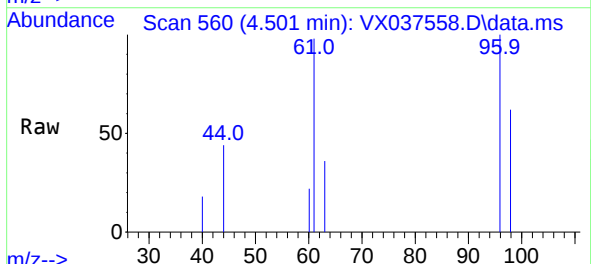
Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

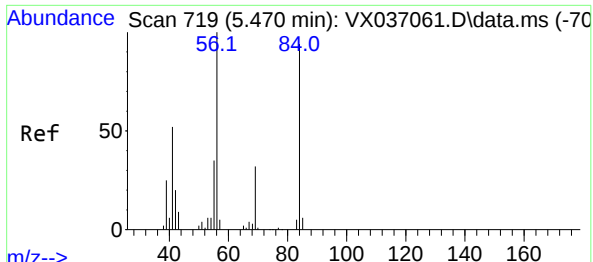
Tgt Ion: 84 Resp: 875
Ion Ratio Lower Upper
84 100
49 63.2 103.6 155.4#
51 19.4 33.8 50.6#
86 46.6 49.4 74.0#



#27
cis-1,2-Dichloroethene
Concen: 0.944 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion: 96 Resp: 1685
Ion Ratio Lower Upper
96 100
61 112.8 0.0 312.2
98 63.2 0.0 129.0

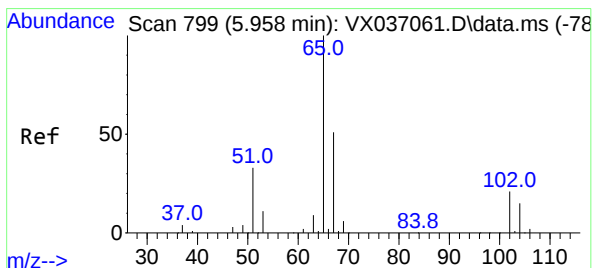
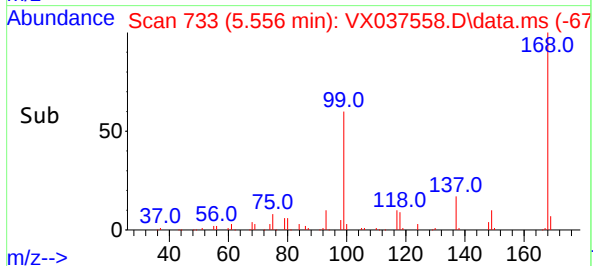
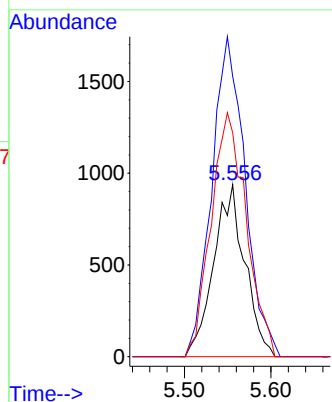
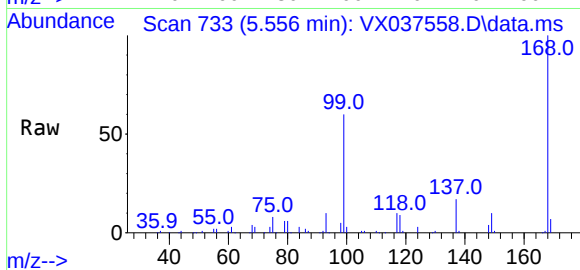




#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

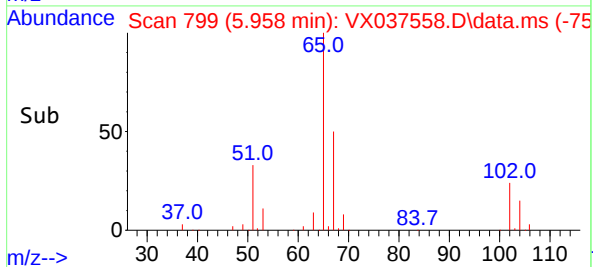
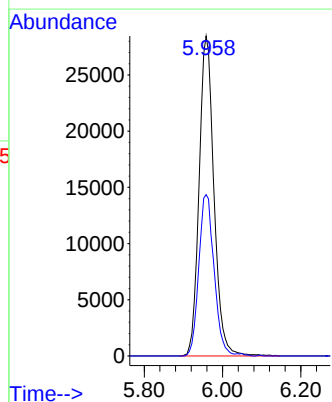
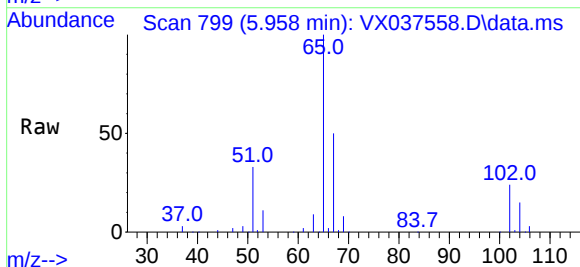
Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

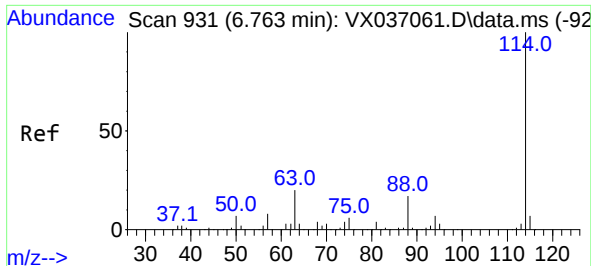
Tgt Ion: 56 Resp: 2346
Ion Ratio Lower Upper
56 100
69 162.9 23.4 35.2#
84 130.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.298 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion: 65 Resp: 75132
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

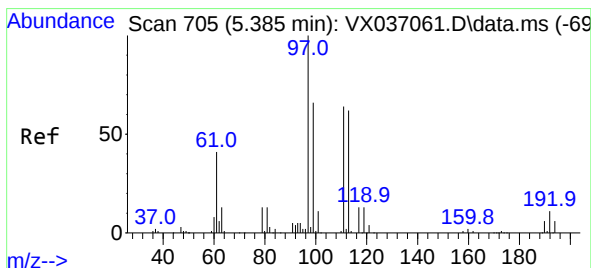
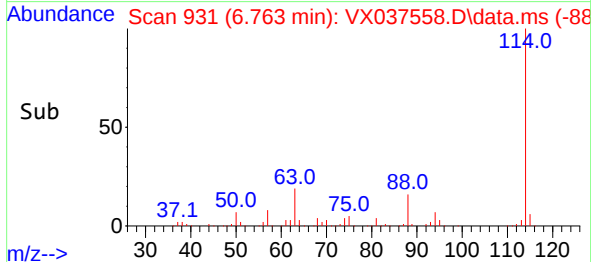
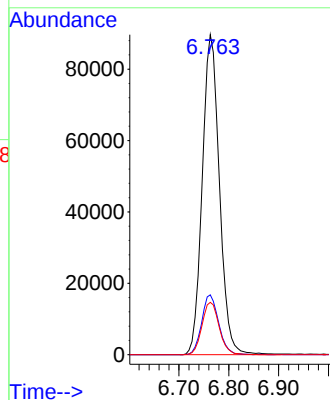
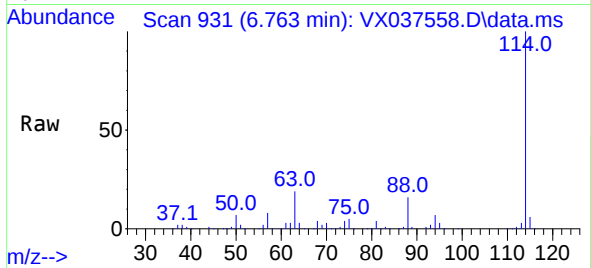




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

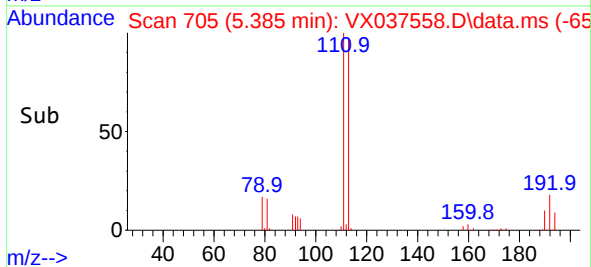
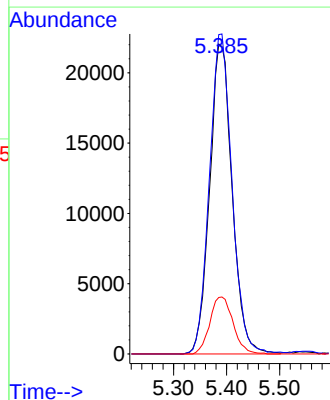
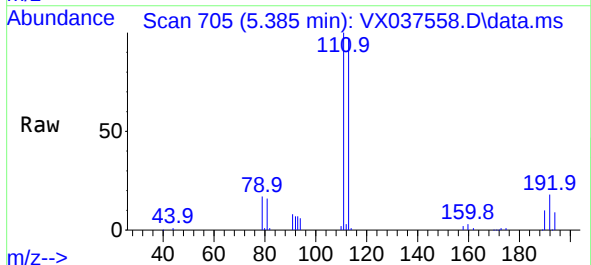
Instrument :
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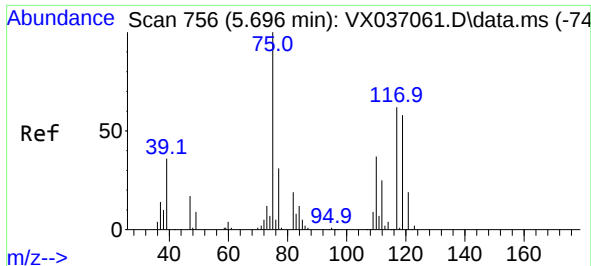
Tgt Ion:114 Resp: 214458
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.768 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion:113 Resp: 65004
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.9 13.3 19.9

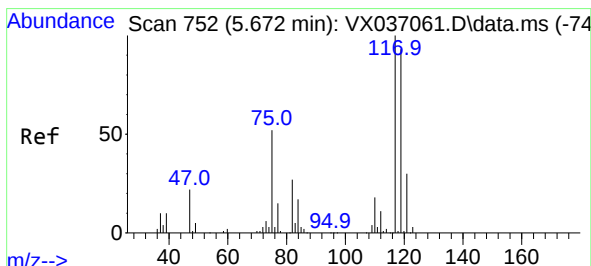
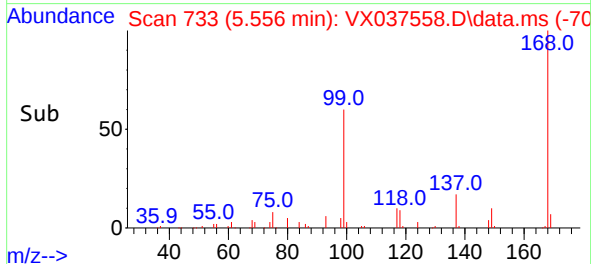
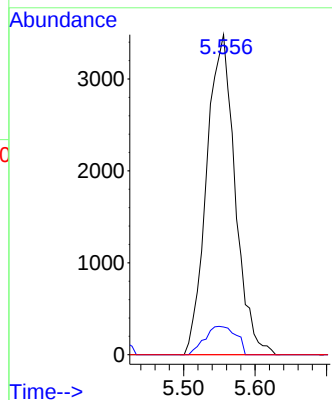
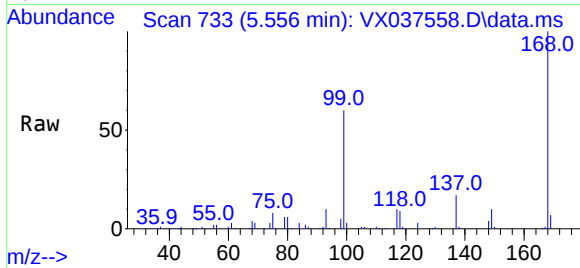




#36
1,1-Dichloropropene
Concen: 4.758 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

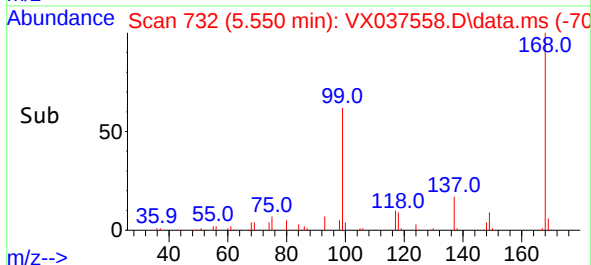
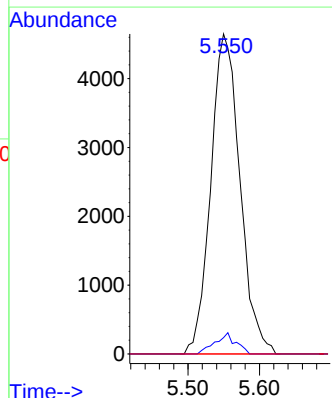
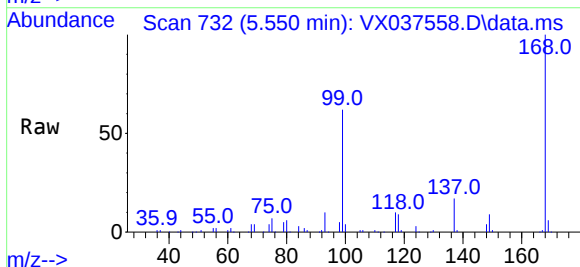
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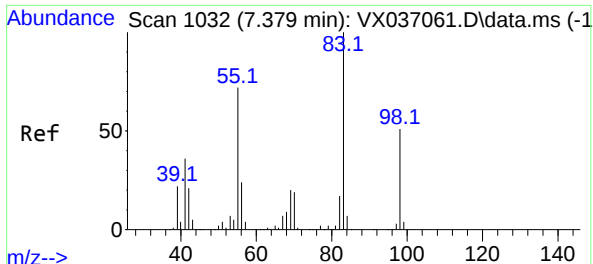
Tgt Ion: 75 Resp: 9601
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.012 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion: 117 Resp: 13178
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.223 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX037558.D

Acq: 06 Sep 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

FB01-090123

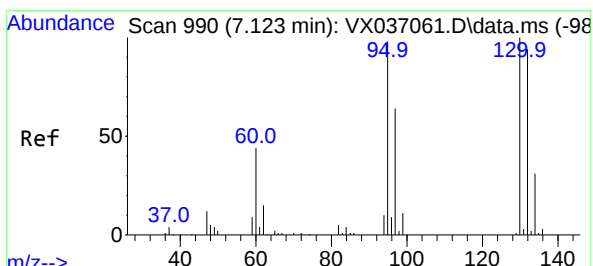
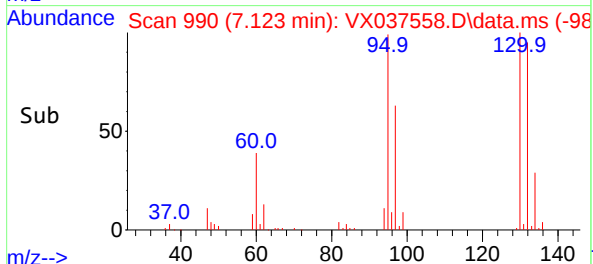
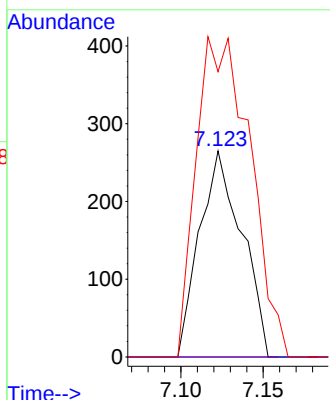
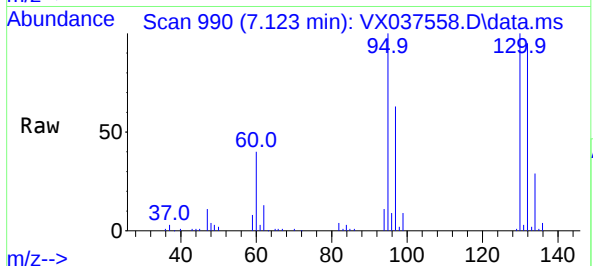
Tgt Ion: 83 Resp: 473

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 138.5 36.7 55.1#



#44

Trichloroethene

Concen: 25.423 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037558.D

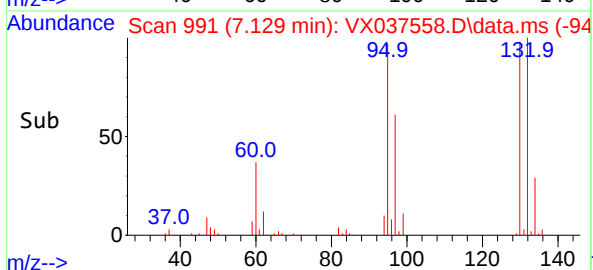
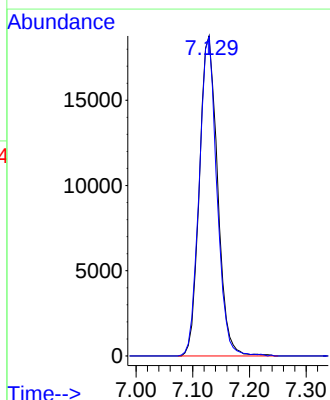
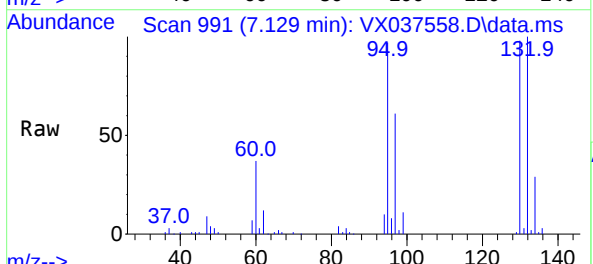
Acq: 06 Sep 2023 16:39

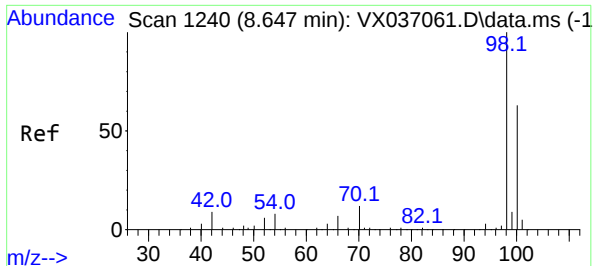
Tgt Ion:130 Resp: 41720

Ion Ratio Lower Upper

130 100

95 99.7 0.0 204.4





#50

Toluene-d8

Concen: 48.850 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037558.D

Acq: 06 Sep 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

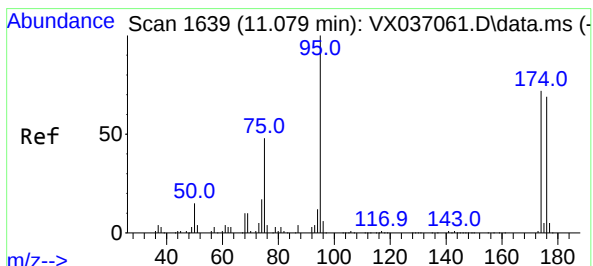
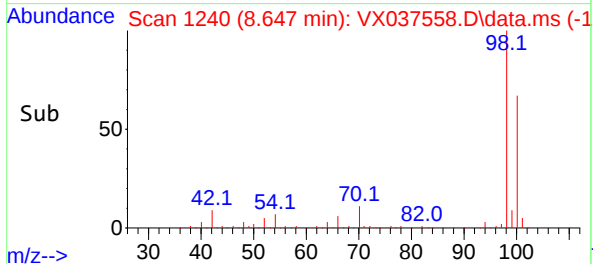
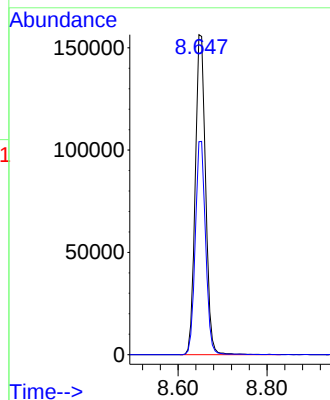
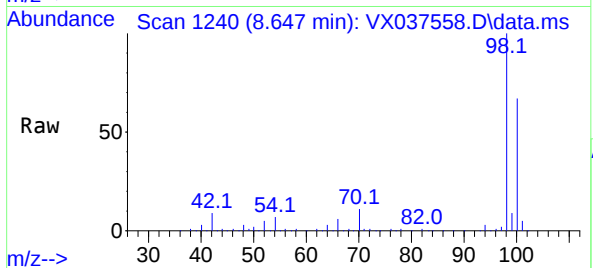
FB01-090123

Tgt Ion: 98 Resp: 251672

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 43.711 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037558.D

Acq: 06 Sep 2023 16:39

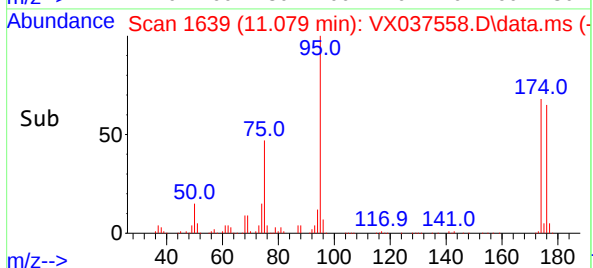
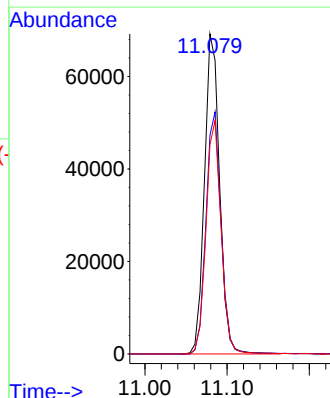
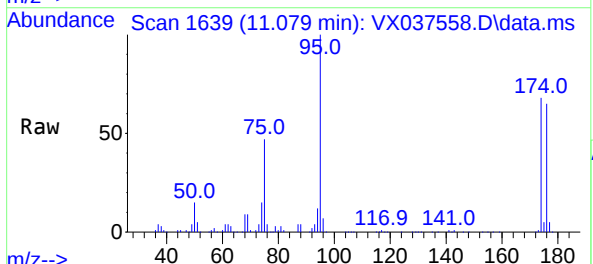
Tgt Ion: 95 Resp: 88499

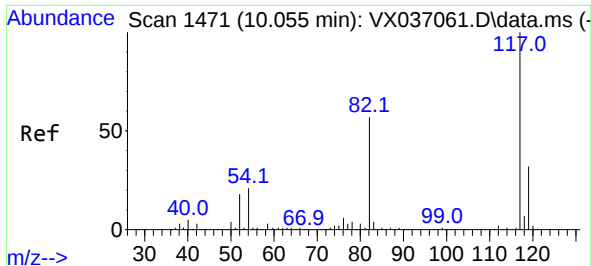
Ion Ratio Lower Upper

95 100

174 76.0 0.0 135.6

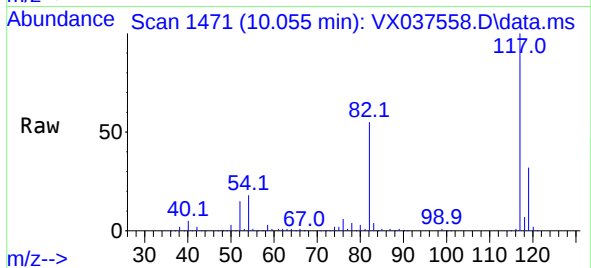
176 72.5 0.0 131.0



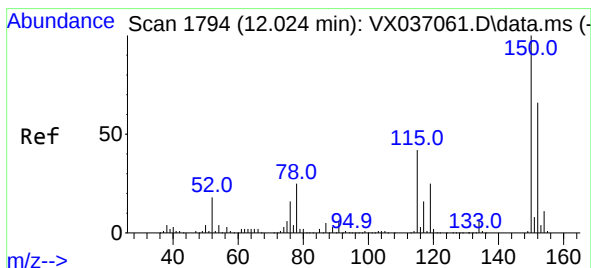
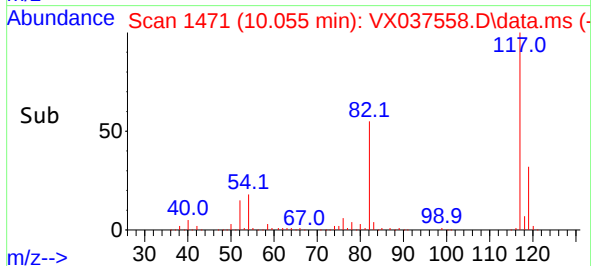
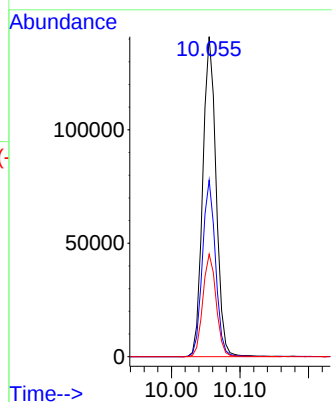


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

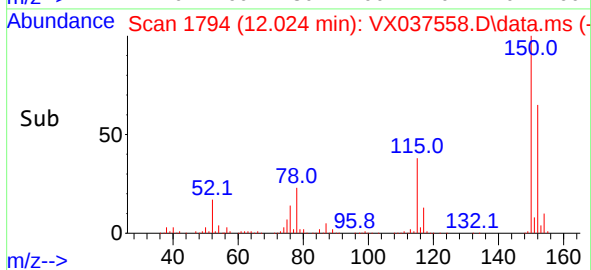
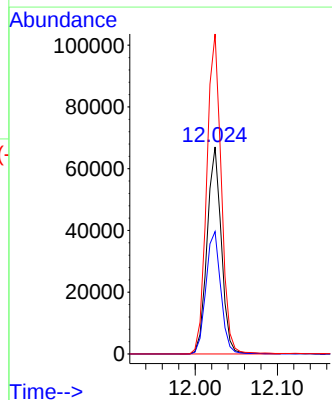
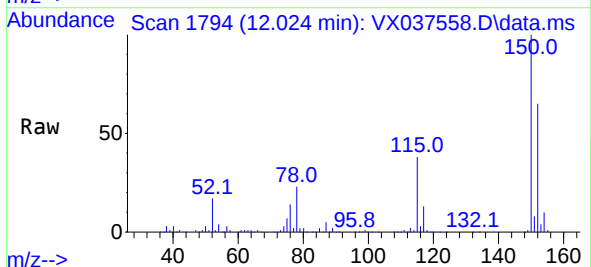


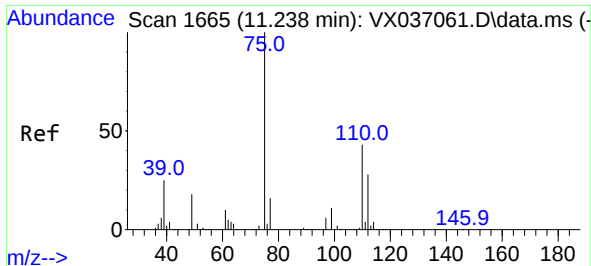
Tgt Ion:117 Resp: 191323
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion:152 Resp: 80712
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 158.0 0.0 345.0

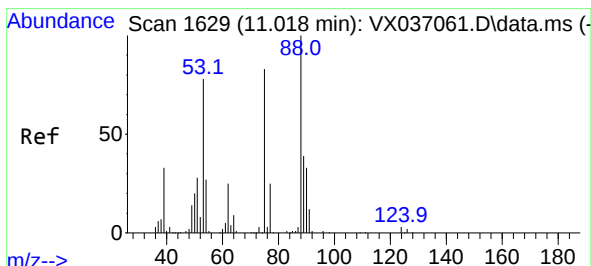
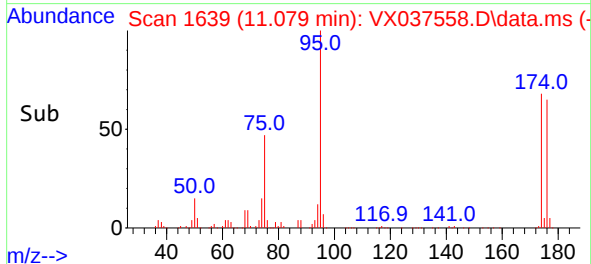
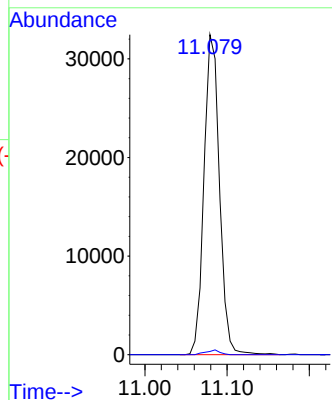
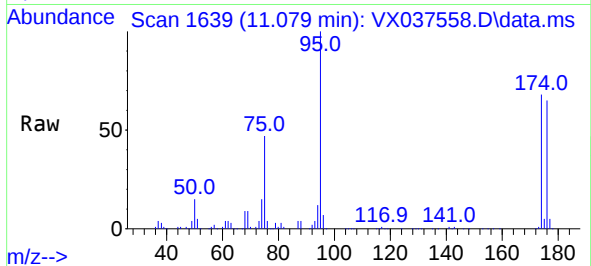




#76
1,2,3-Trichloropropane
Concen: 24.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

Tgt Ion: 75 Resp: 42493
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion: 75 Resp: 42493
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

