

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037559.D
 Acq On : 06 Sep 2023 17:03
 Operator : JC/MD
 Sample : 04287-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-090123

Quant Time: Sep 06 22:47:28 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)

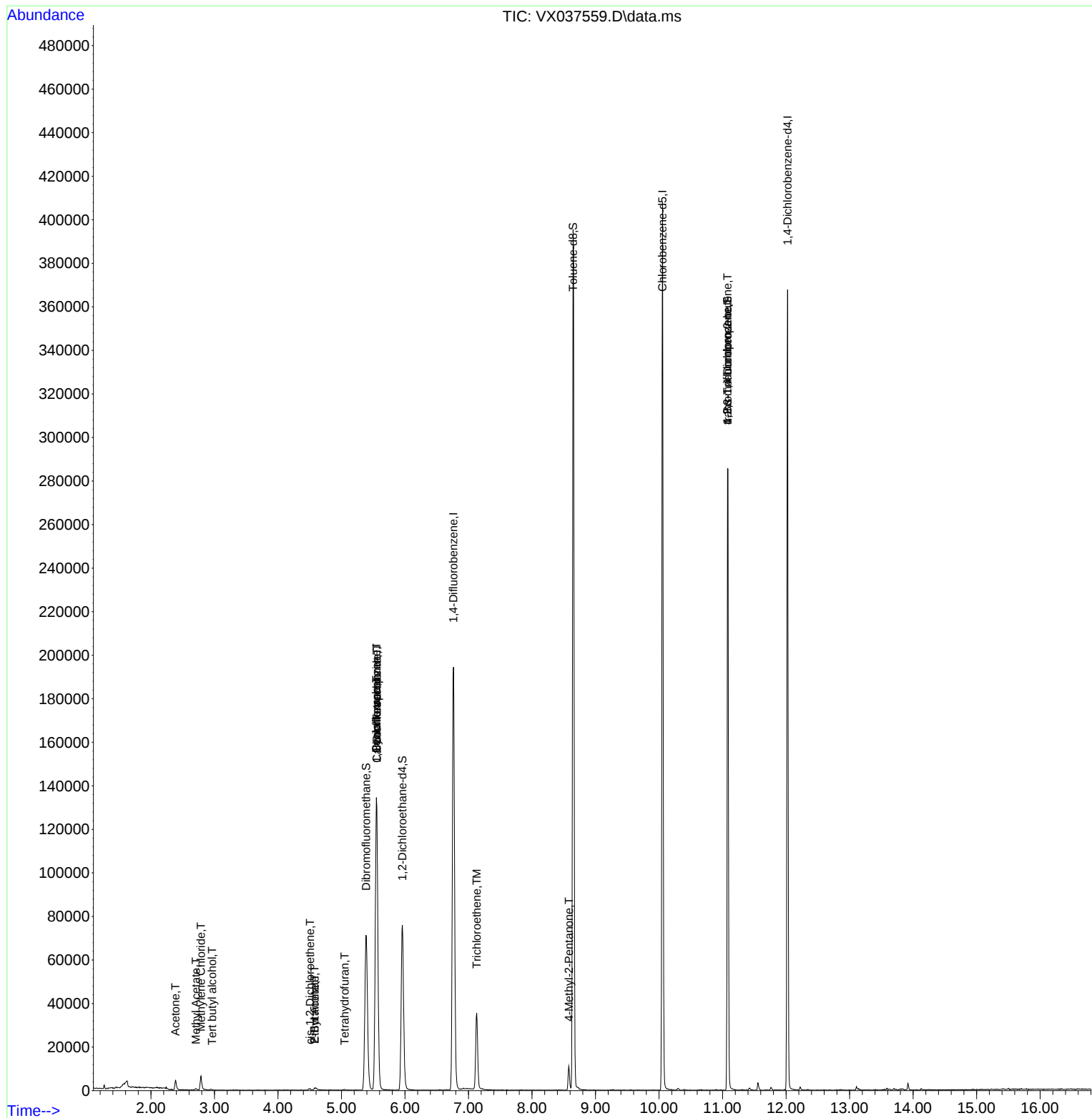
Internal Standards						
1) Pentafluorobenzene	5.550	168	129404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74394	39.877	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.760%
35) Dibromofluoromethane	5.385	113	65366	45.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.700%
50) Toluene-d8	8.647	98	250063	48.357	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	85803	42.222	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	214	0.489	ug/l #	78
16) Acetone	2.386	43	4853	6.649	ug/l	90
18) Methyl Acetate	2.709	43	929	0.338	ug/l	99
20) Methylene Chloride	2.788	84	3477	2.130	ug/l #	77
25) 2-Butanone	4.574	43	2238	2.037	ug/l	95
27) cis-1,2-Dichloroethene	4.507	96	551	0.309	ug/l	68
29) Tetrahydrofuran	5.050	42	271	0.387	ug/l #	51
31) Cyclohexane	5.550	56	2282	1.088	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9709	4.794	ug/l #	51
37) Ethyl Acetate	4.574	43	2238	1.082	ug/l #	69
38) Carbon Tetrachloride	5.556	117	13182	5.991	ug/l #	15
44) Trichloroethene	7.129	130	14261	8.658	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	6627	3.323	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	41315	24.801	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41315	69.271	ug/l #	5

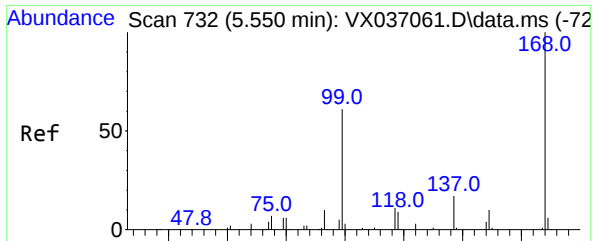
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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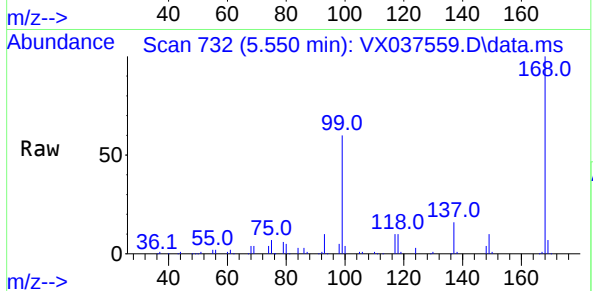
Quant Time: Sep 06 22:47:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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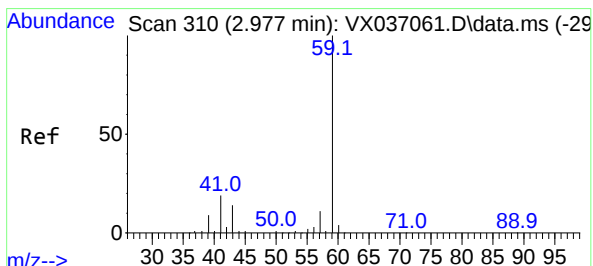
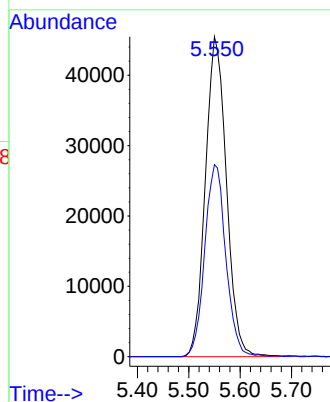
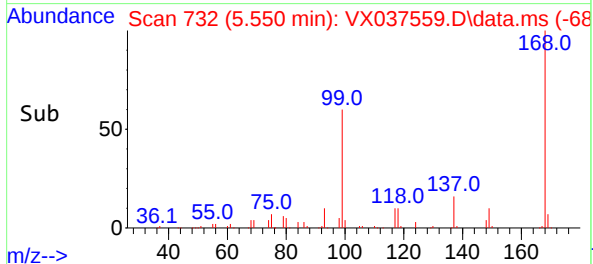


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :
EB01-090123

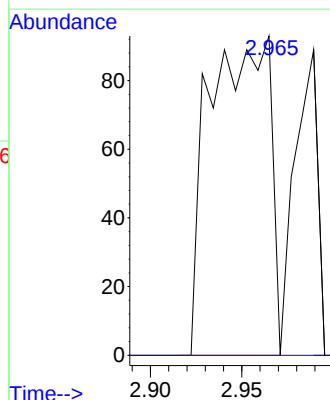
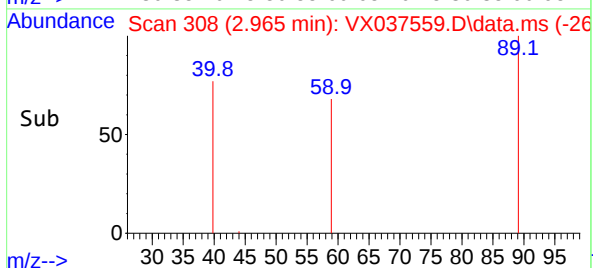
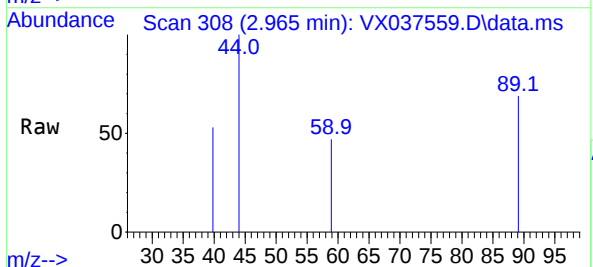


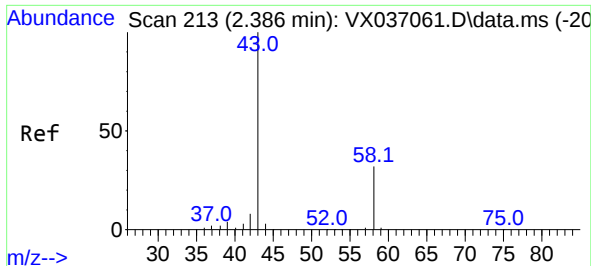
Tgt Ion:168 Resp: 129404
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.489 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

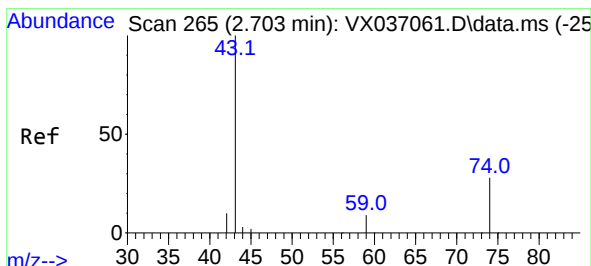
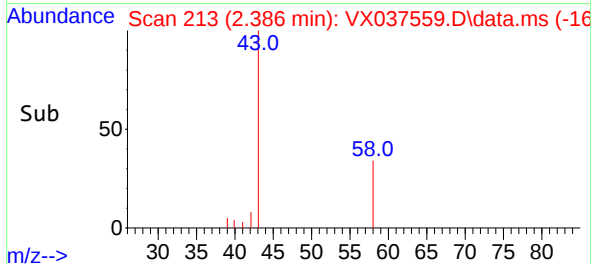
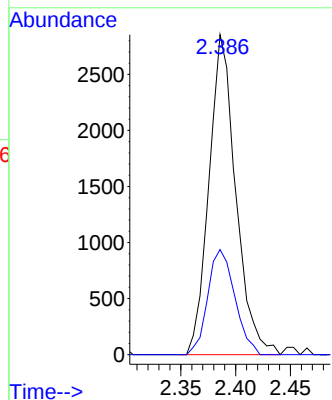
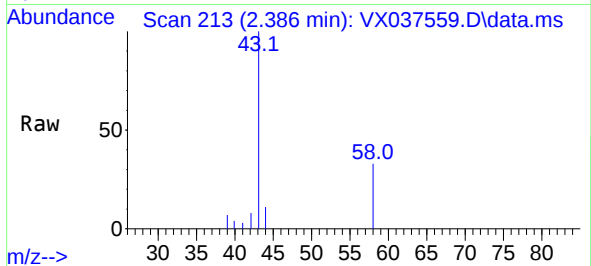




#16
Acetone
Concen: 6.649 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

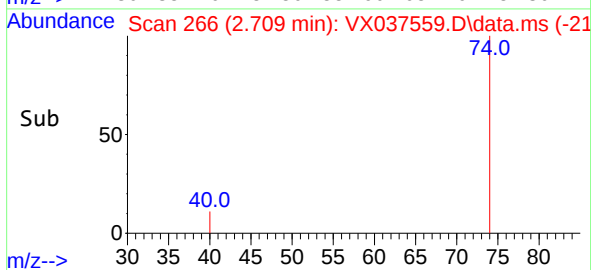
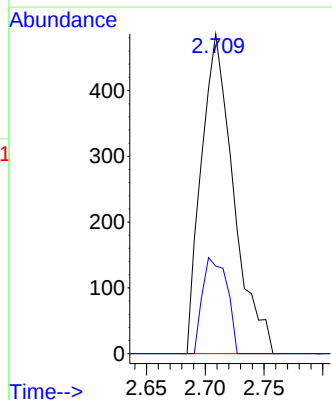
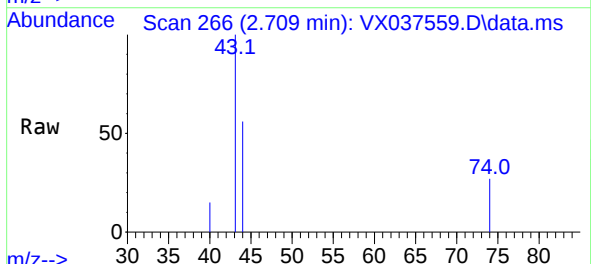
Instrument : MSVOA_X
ClientSampleId : EB01-090123

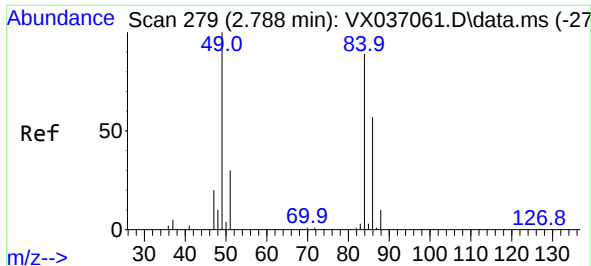
Tgt Ion: 43 Resp: 4853
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9



#18
Methyl Acetate
Concen: 0.338 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8



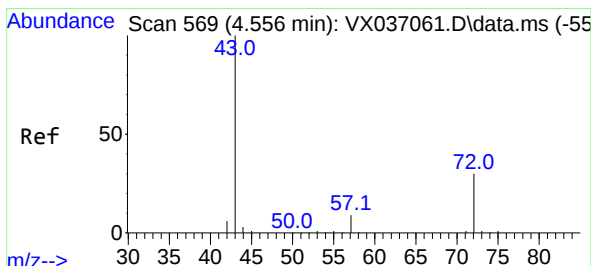
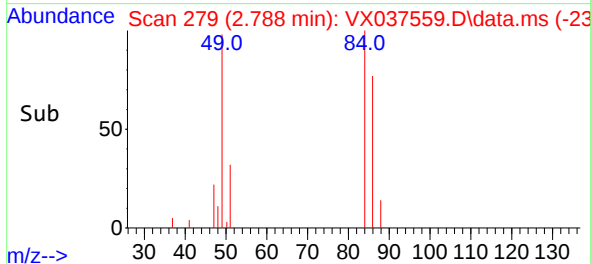
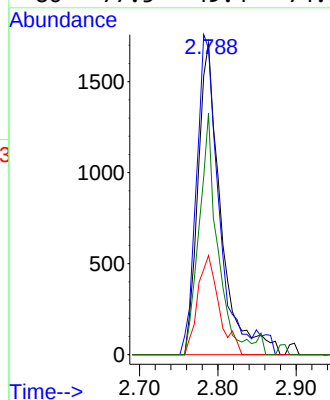
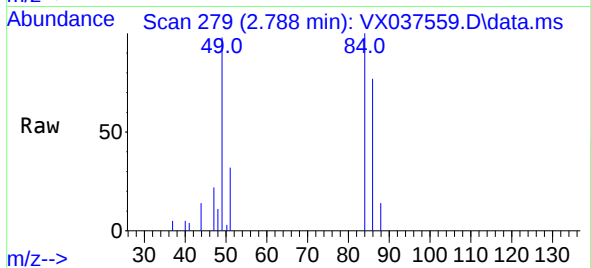


#20
Methylene Chloride
Concen: 2.130 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :
EB01-090123

Tgt Ion: 84 Resp: 3477

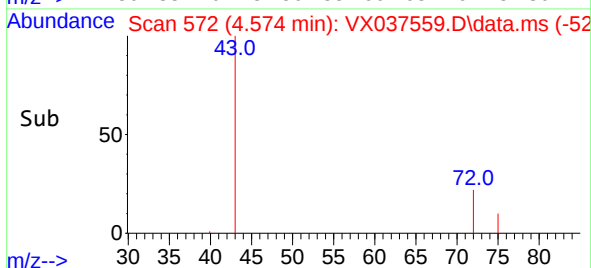
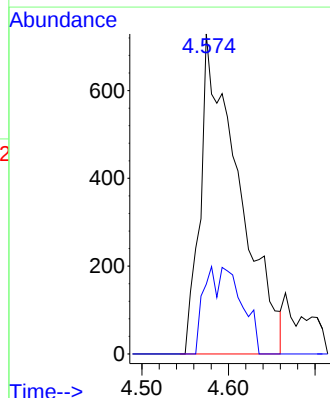
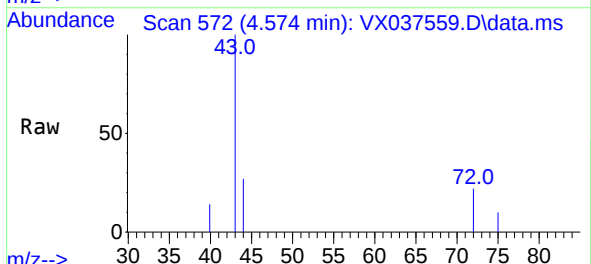
Ion	Ratio	Lower	Upper
84	100		
49	98.4	103.6	155.4#
51	31.9	33.8	50.6#
86	77.5	49.4	74.0#

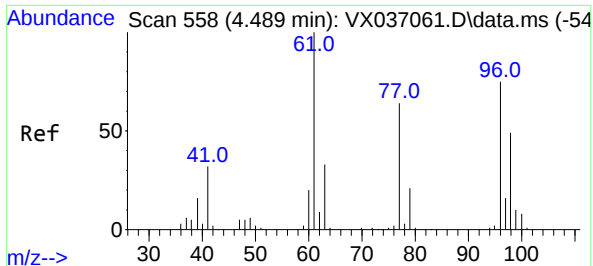


#25
2-Butanone
Concen: 2.037 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Tgt Ion: 43 Resp: 2238

Ion	Ratio	Lower	Upper
43	100		
72	21.8	19.4	29.2



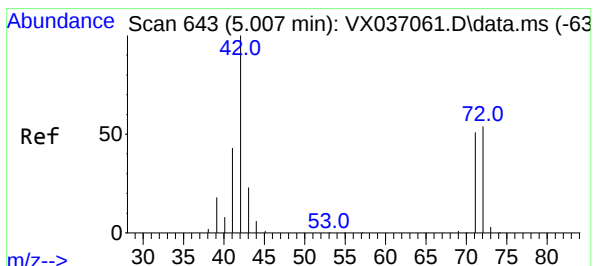
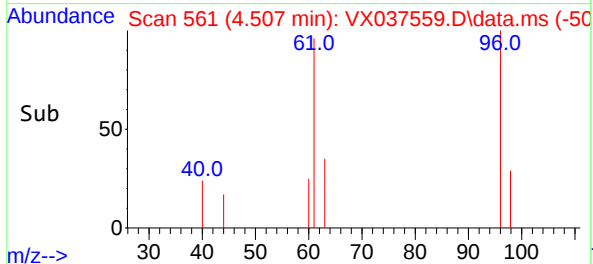
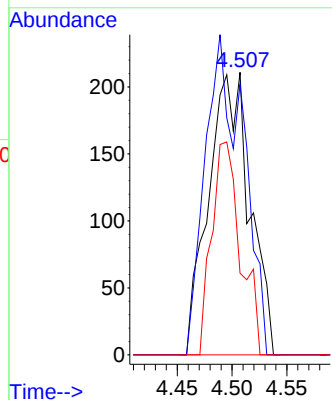
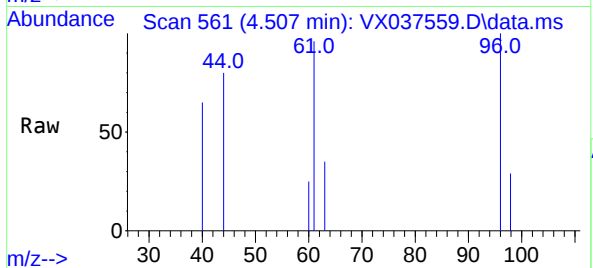


#27
cis-1,2-Dichloroethene
Concen: 0.309 ug/l
RT: 4.507 min Scan# 551
Delta R.T. 0.018 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :
EB01-090123

Tgt Ion: 96 Resp: 551

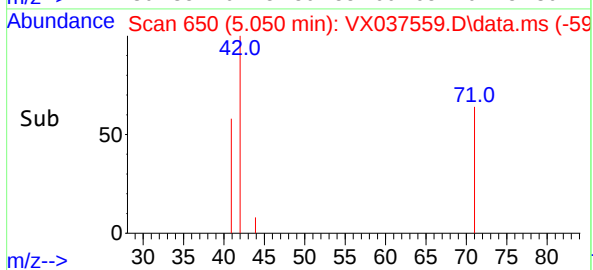
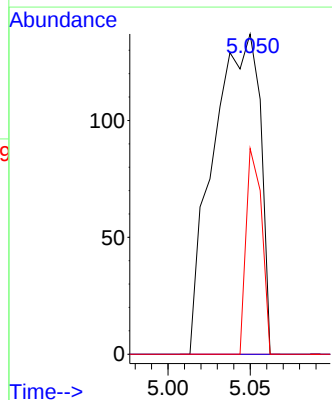
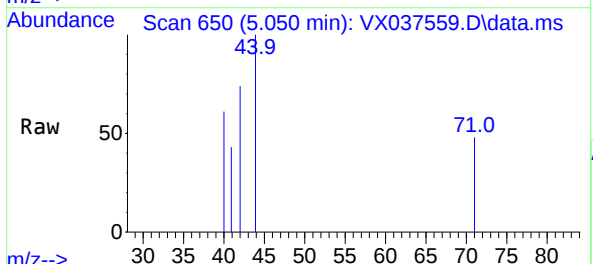
Ion	Ratio	Lower	Upper
96	100		
61	105.1	0.0	312.2
98	52.6	0.0	129.0

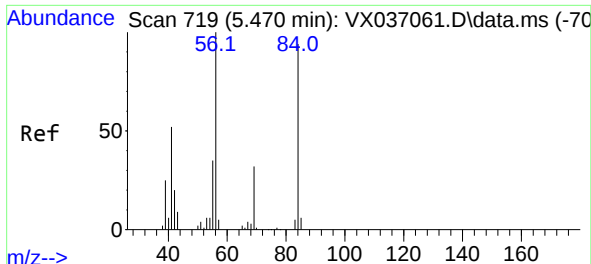


#29
Tetrahydrofuran
Concen: 0.387 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.043 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Tgt Ion: 42 Resp: 271

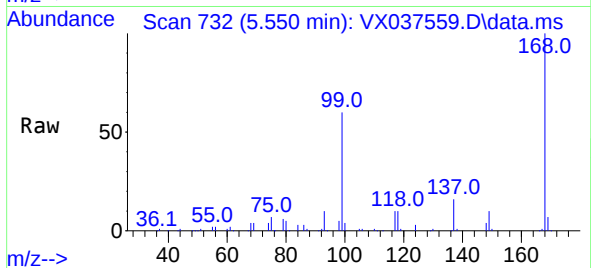
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	21.4	32.2	48.2#



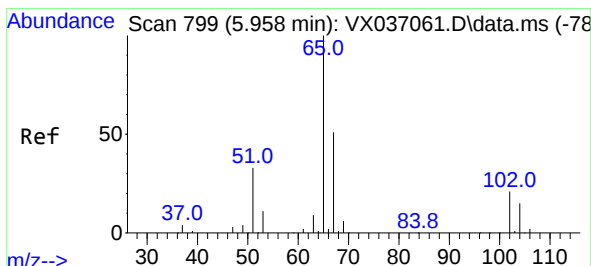
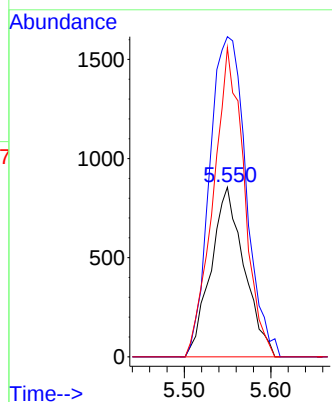
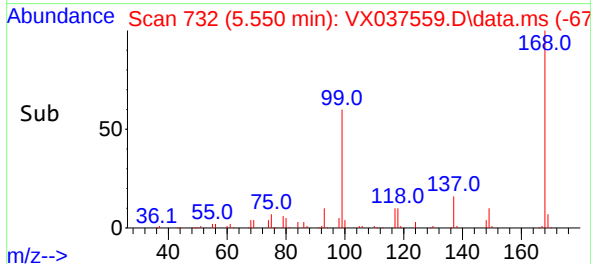


#31
Cyclohexane
Concen: 1.088 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Instrument :
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ClientSampleId :
EB01-090123

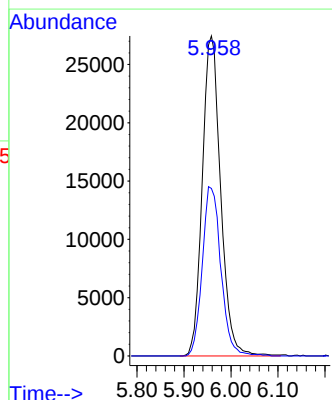
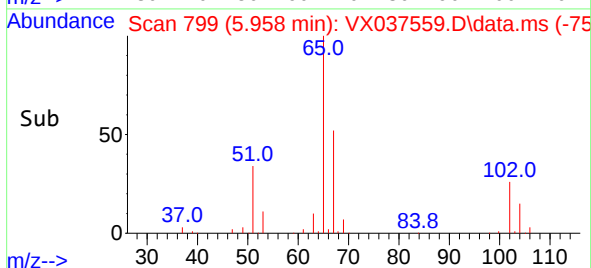
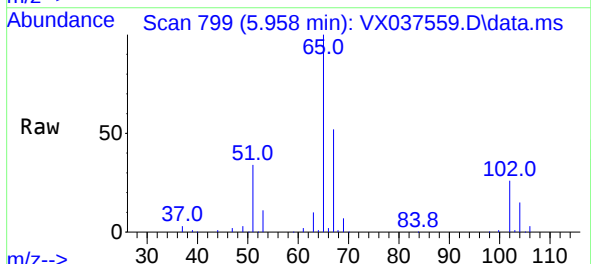


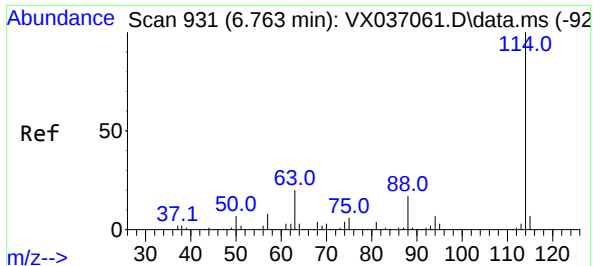
Tgt Ion: 56 Resp: 2282
Ion Ratio Lower Upper
56 100
69 188.9 23.4 35.2#
84 182.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.877 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Tgt Ion: 65 Resp: 74394
Ion Ratio Lower Upper
65 100
67 53.6 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: VX037559.D

Acq: 06 Sep 2023 17:03

Instrument :

MSVOA_X

ClientSampleId :

EB01-090123

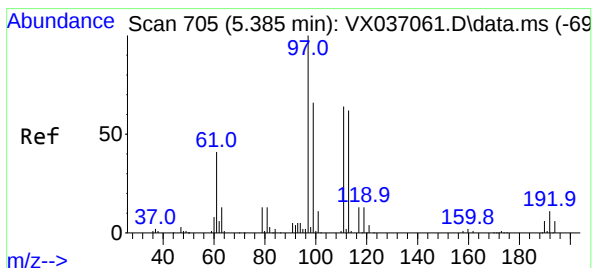
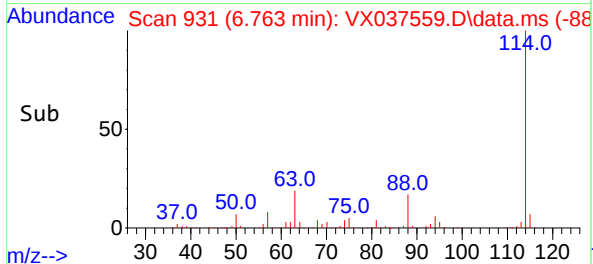
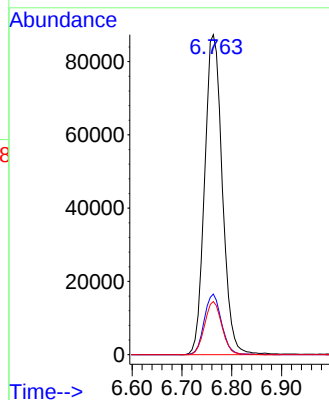
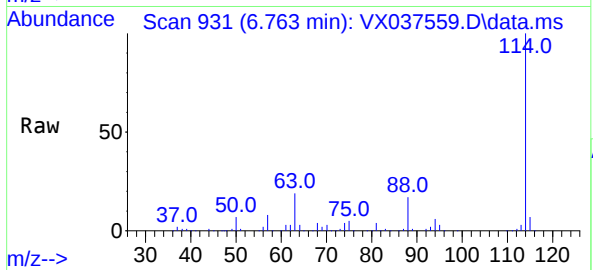
Tgt Ion:114 Resp: 215258

Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 16.6 0.0 36.6



#35

Dibromofluoromethane

Concen: 45.851 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037559.D

Acq: 06 Sep 2023 17:03

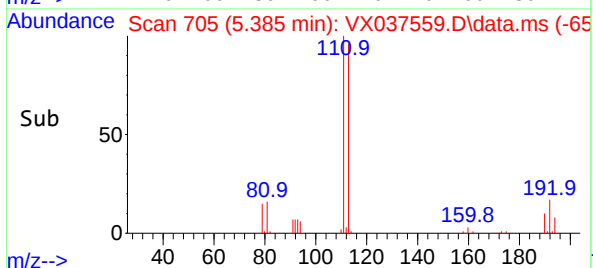
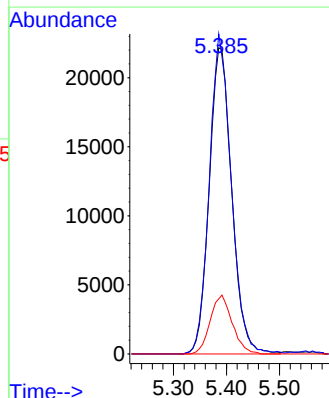
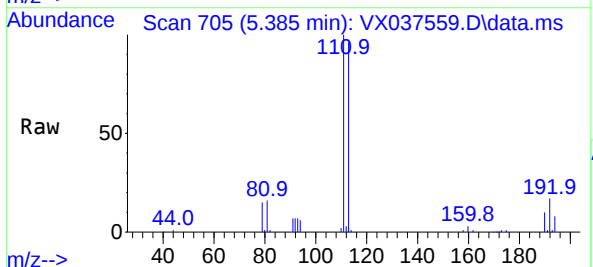
Tgt Ion:113 Resp: 65366

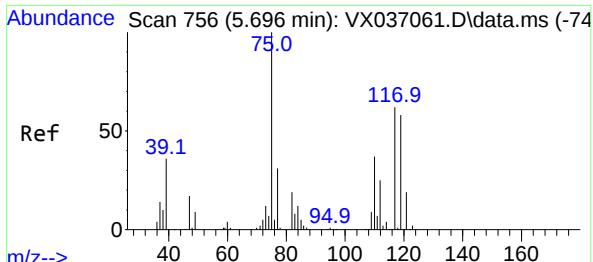
Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

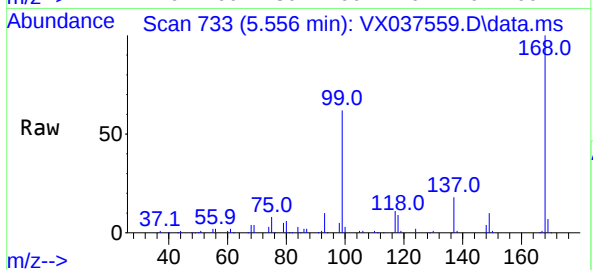
192 18.8 13.3 19.9



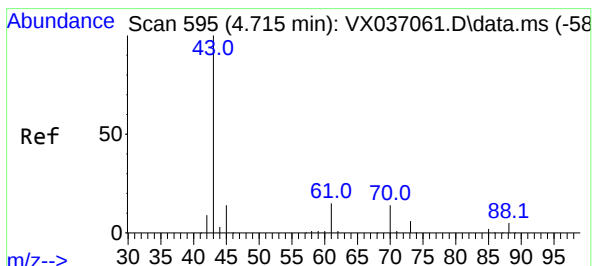
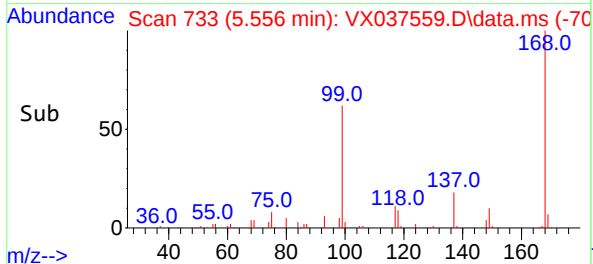
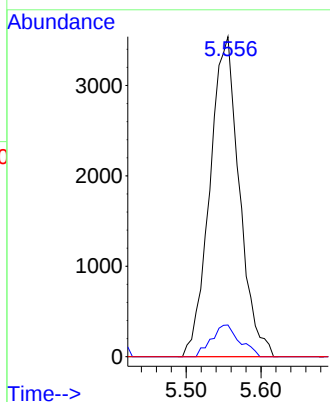


#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :
EB01-090123

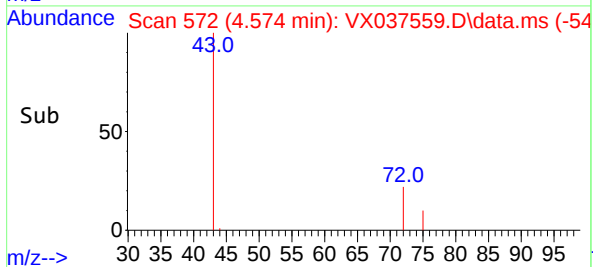
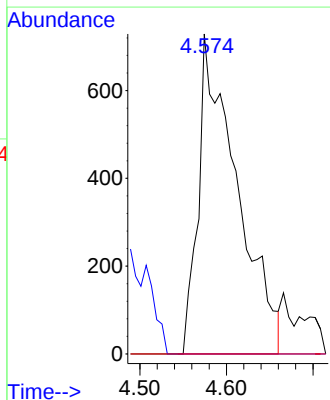
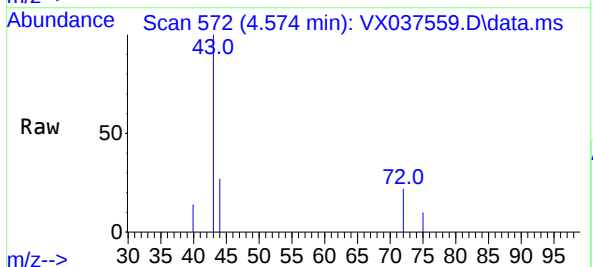


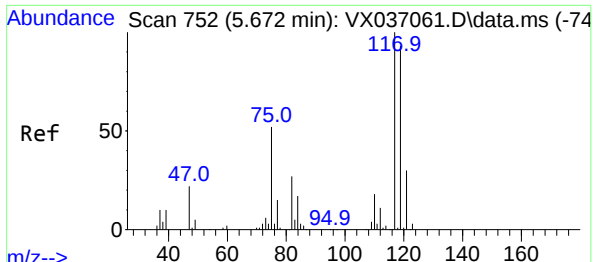
Tgt Ion: 75 Resp: 9709
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.082 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.140 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

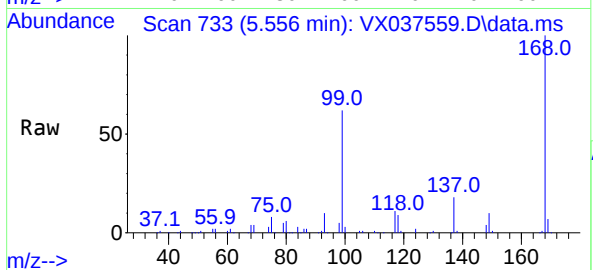
Tgt Ion: 43 Resp: 2238
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



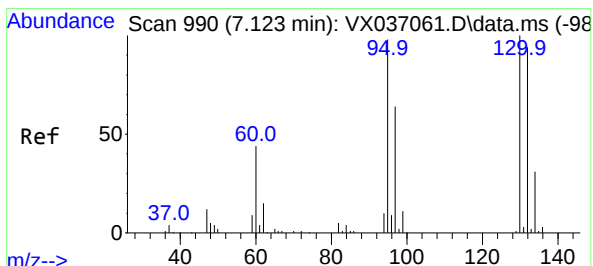
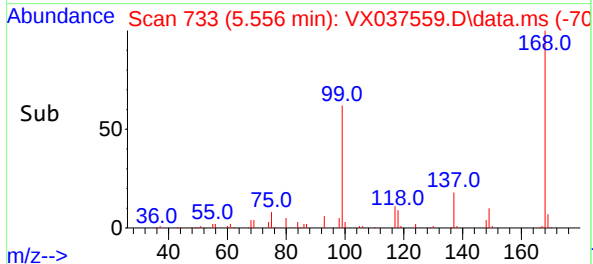
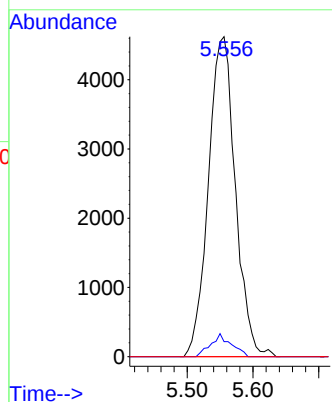


#38
Carbon Tetrachloride
Concen: 5.991 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :
EB01-090123

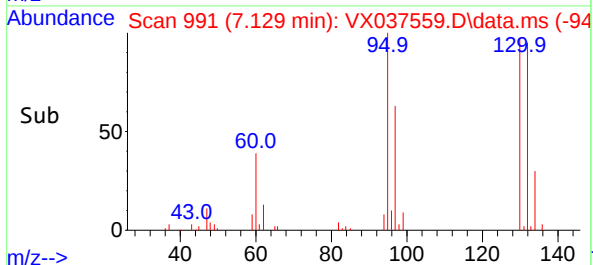
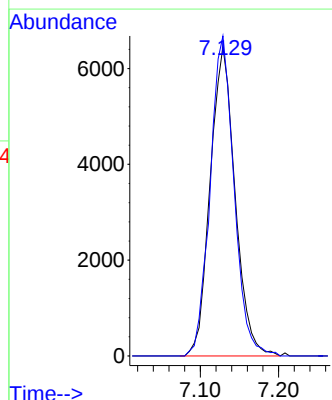
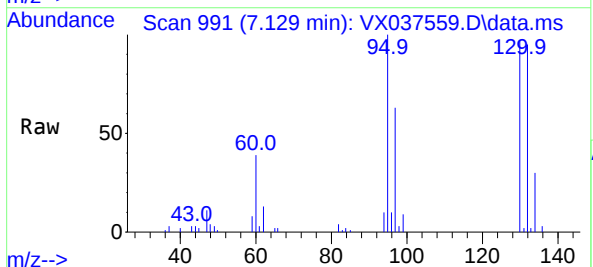


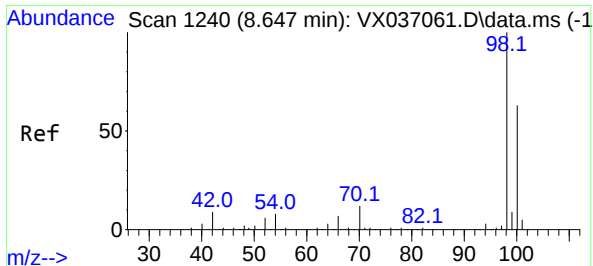
Tgt Ion:117 Resp: 13182
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 8.658 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Tgt Ion:130 Resp: 14261
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.4





#50

Toluene-d8

Concen: 48.357 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037559.D

Acq: 06 Sep 2023 17:03

Instrument :

MSVOA_X

ClientSampleId :

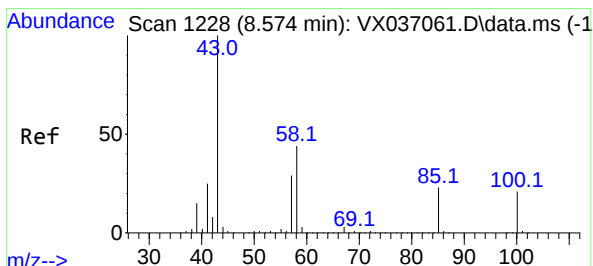
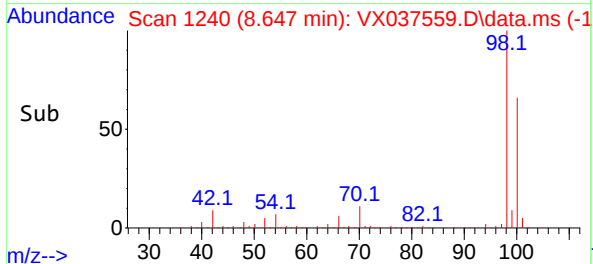
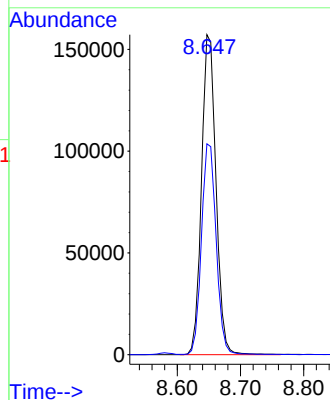
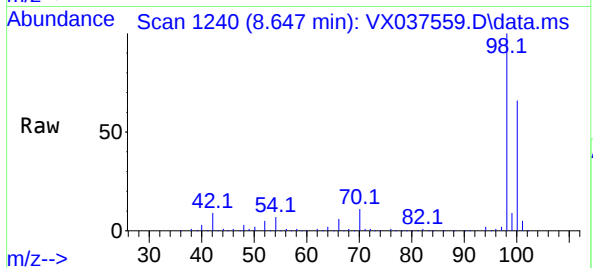
EB01-090123

Tgt Ion: 98 Resp: 250063

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 3.323 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX037559.D

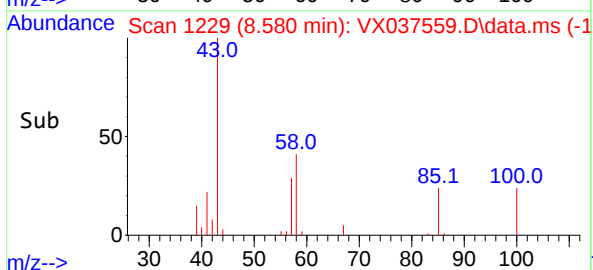
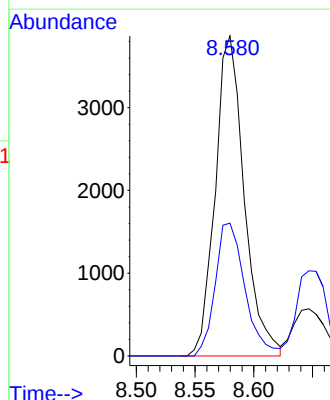
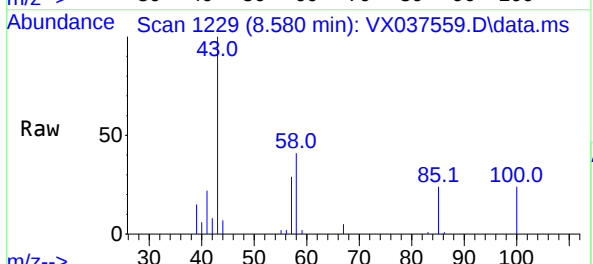
Acq: 06 Sep 2023 17:03

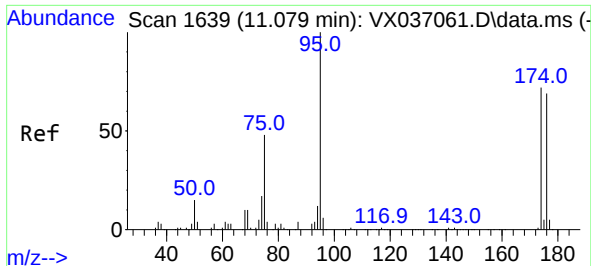
Tgt Ion: 43 Resp: 6627

Ion Ratio Lower Upper

43 100

58 42.7 30.4 45.6

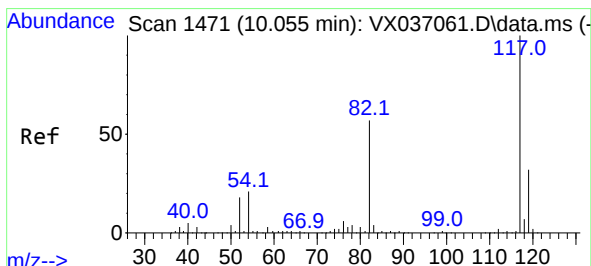
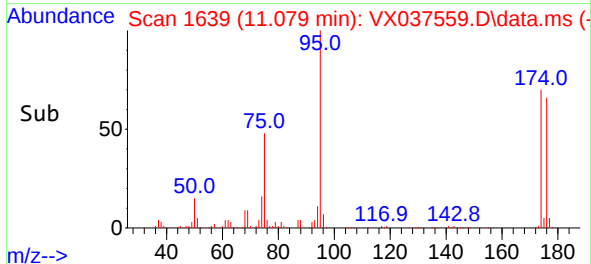
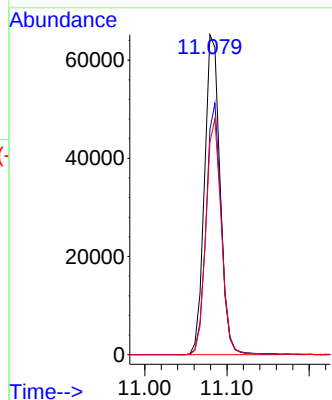
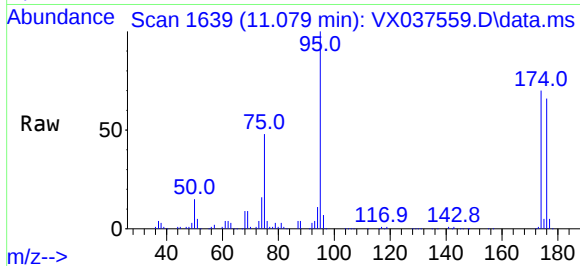




#62
4-Bromofluorobenzene
Concen: 42.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

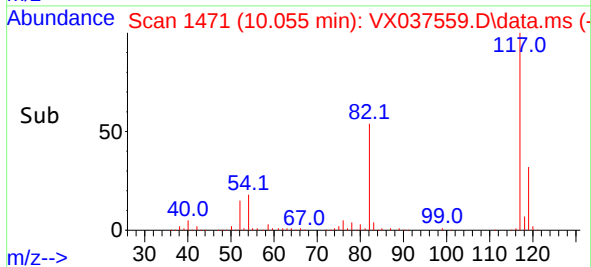
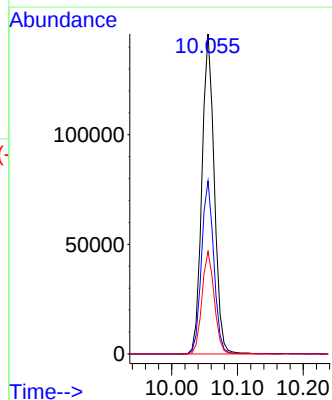
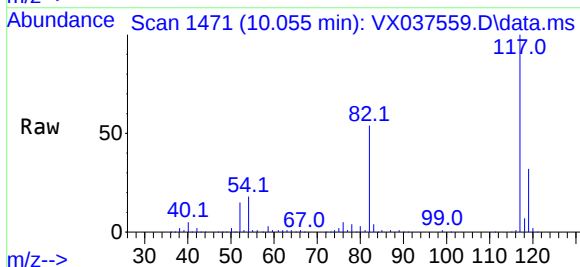
Instrument :
MSVOA_X
ClientSampleId :
EB01-090123

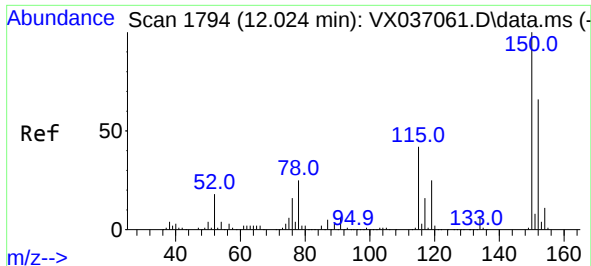
Tgt Ion: 95 Resp: 85803
Ion Ratio Lower Upper
95 100
174 76.9 0.0 135.6
176 72.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Tgt Ion: 117 Resp: 191244
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 32.0 25.5 38.3

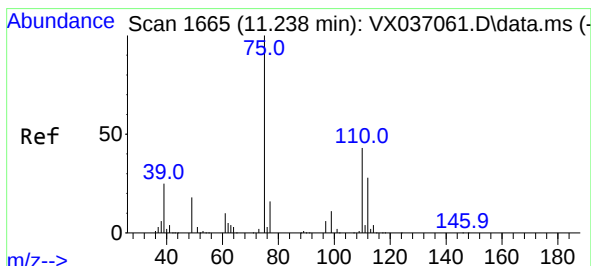
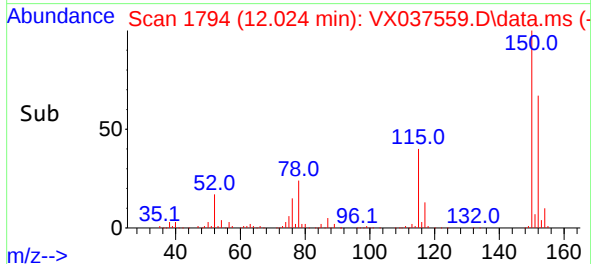
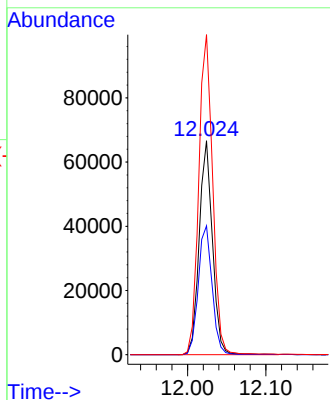
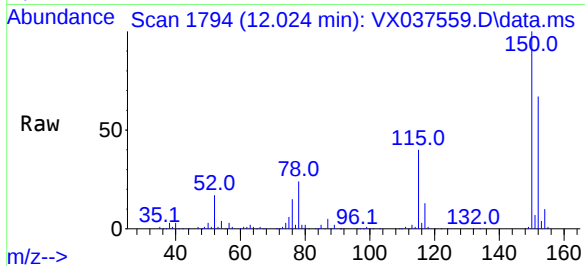




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

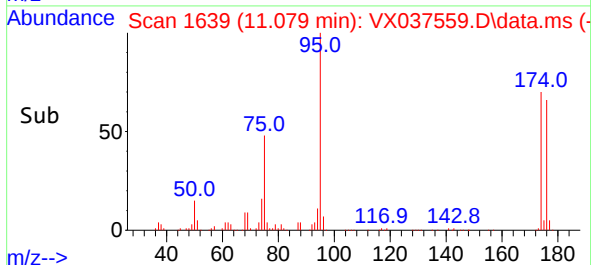
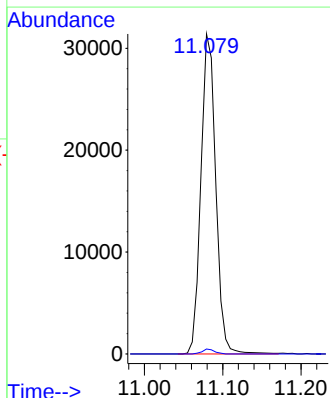
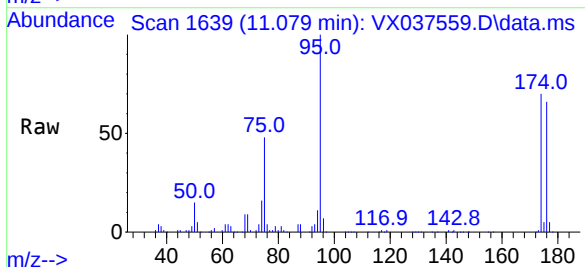
Instrument :
MSVOA_X
ClientSampleId :
EB01-090123

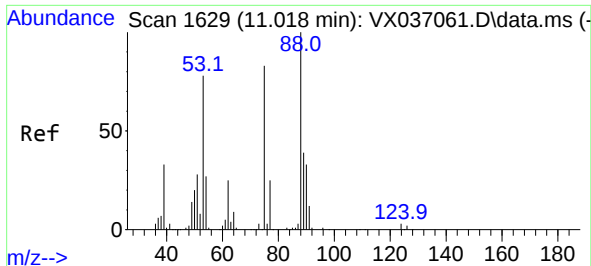
Tgt Ion:152 Resp: 78221
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 156.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Tgt Ion: 75 Resp: 41315
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.271 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037559.D
Acq: 06 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :
EB01-090123

Tgt Ion: 75 Resp: 41315
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

