

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036768.D
 Acq On : 02 Aug 2023 14:17
 Operator : JC/MD
 Sample : 03862-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK-1

Quant Time: Aug 03 07:28:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

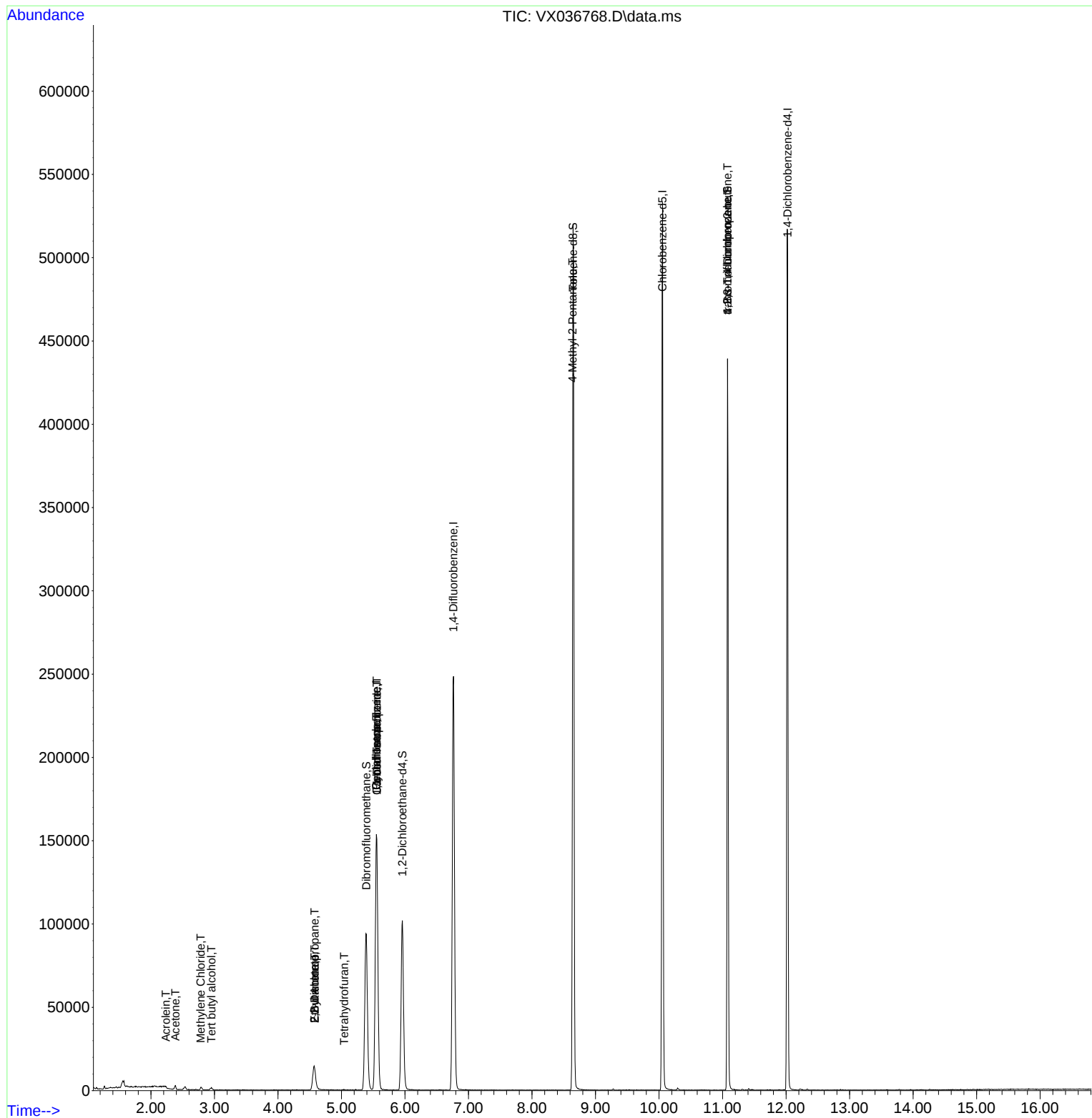
Internal Standards						
1) Pentafluorobenzene	5.550	168	143602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259588	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98654	46.430	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.860%
35) Dibromofluoromethane	5.391	113	83308	46.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	312736	49.426	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.860%
62) 4-Bromofluorobenzene	11.079	95	115207	48.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1021	2.030	ug/l #	78
13) Acrolein	2.233	56	117	0.408	ug/l #	1
16) Acetone	2.386	43	2418	2.742	ug/l	99
20) Methylene Chloride	2.782	84	770	0.393	ug/l #	92
25) 2-Butanone	4.574	43	1134	0.793	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	1241	0.391	ug/l #	54
29) Tetrahydrofuran	5.044	42	227	0.246	ug/l #	34
31) Cyclohexane	5.550	56	3364	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12290	4.621	ug/l #	51
37) Ethyl Acetate	4.574	43	1134	0.377	ug/l #	22
38) Carbon Tetrachloride	5.556	117	15567	5.506	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1455	0.507	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	60207	24.407	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60207	55.321	ug/l #	5

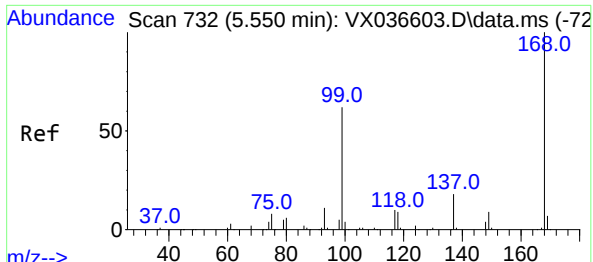
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 03 07:28:31 2023
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Quant Title : SW846 8260
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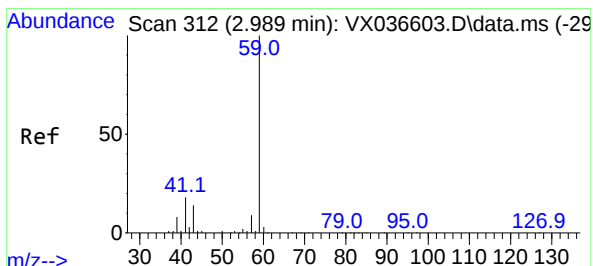
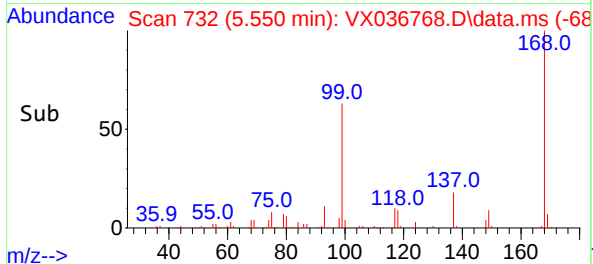
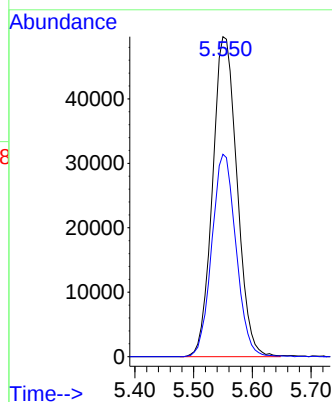
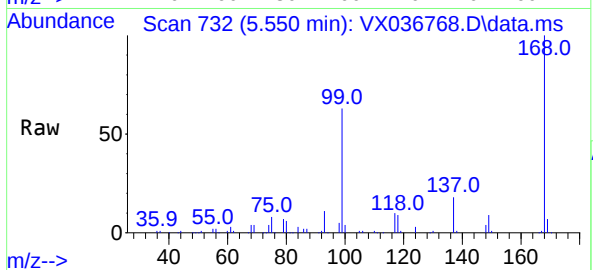




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

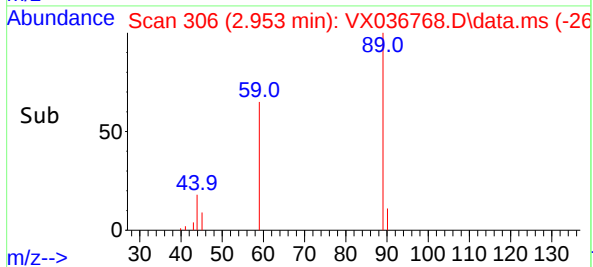
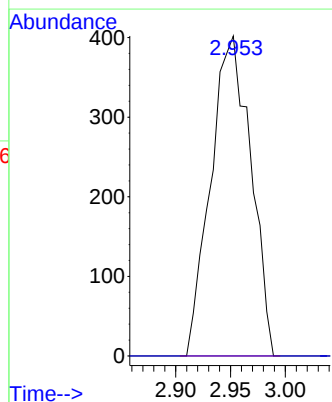
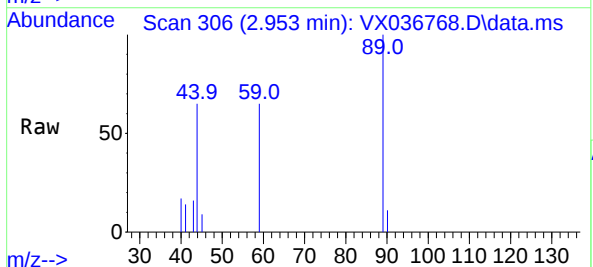
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-1

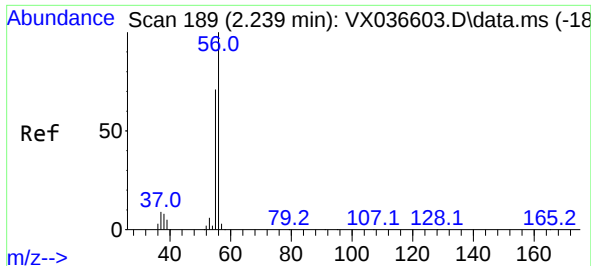
Tgt Ion:168 Resp: 143602
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.030 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Tgt Ion: 59 Resp: 1021
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.408 ug/l

RT: 2.233 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX036768.D

Acq: 02 Aug 2023 14:17

Instrument :

MSVOA_X

ClientSampleId :

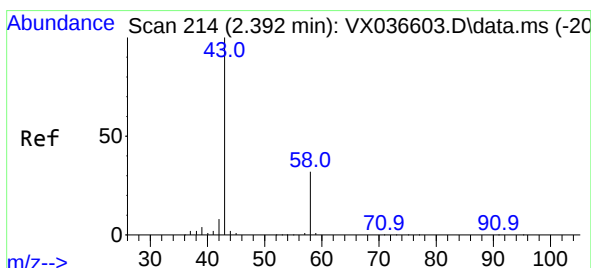
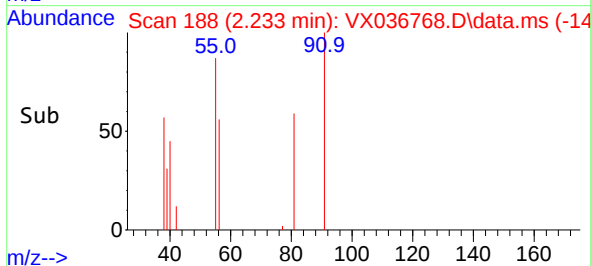
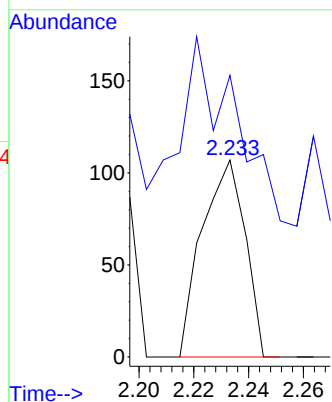
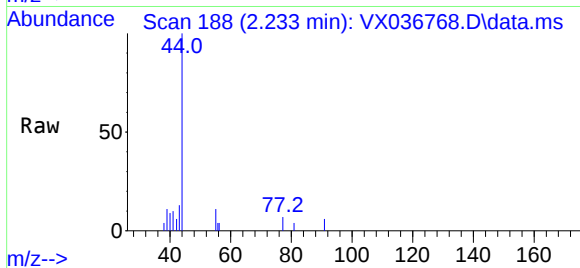
FIELD-BLANK-1

Tgt Ion: 56 Resp: 117

Ion Ratio Lower Upper

56 100

55 241.0 57.1 85.7#



#16

Acetone

Concen: 2.742 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX036768.D

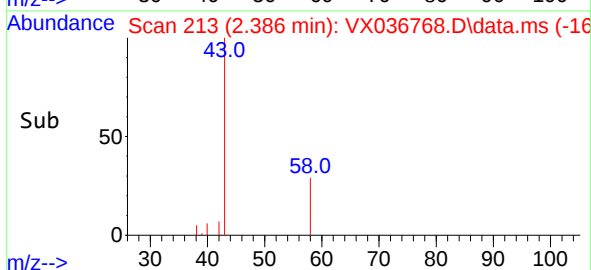
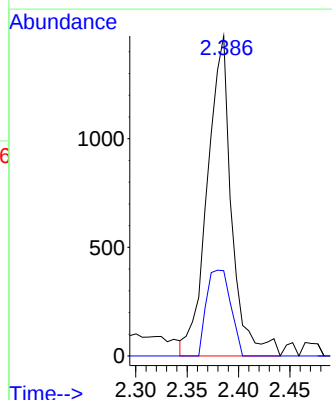
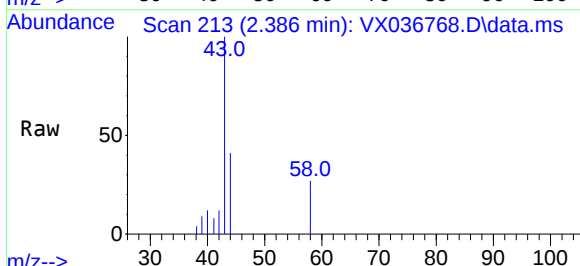
Acq: 02 Aug 2023 14:17

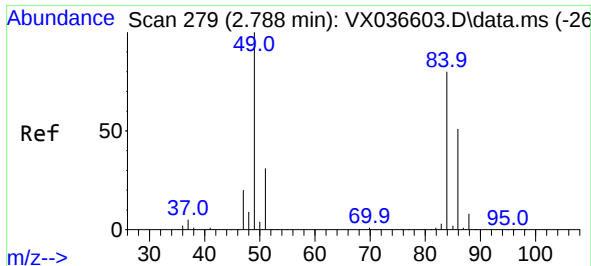
Tgt Ion: 43 Resp: 2418

Ion Ratio Lower Upper

43 100

58 26.7 21.9 32.9



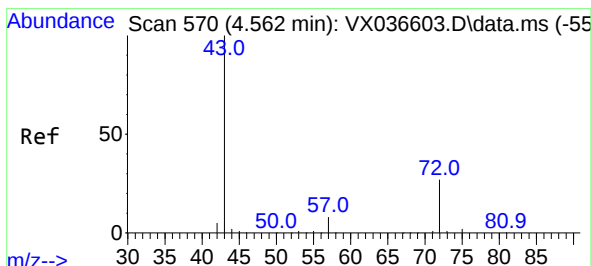
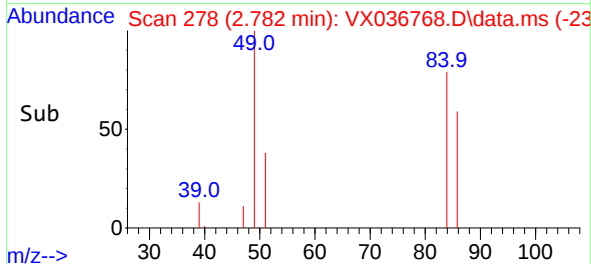
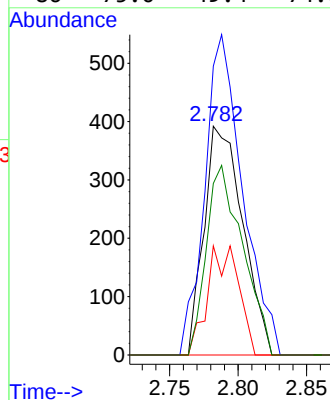
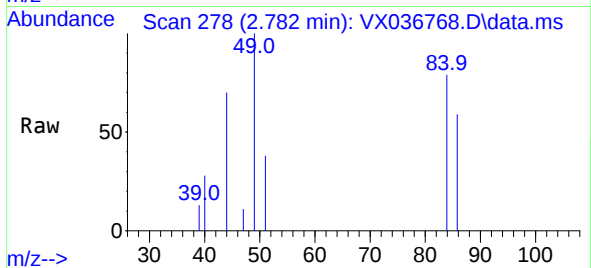


#20
Methylene Chloride
Concen: 0.393 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-1

Tgt Ion: 84 Resp: 770

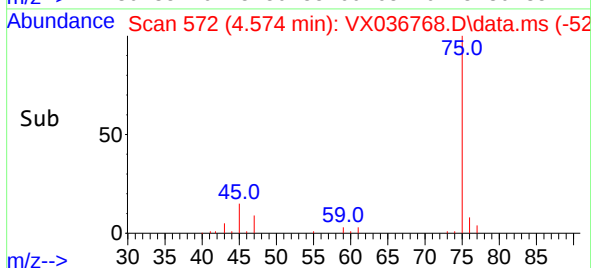
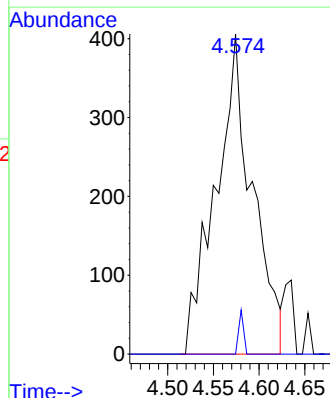
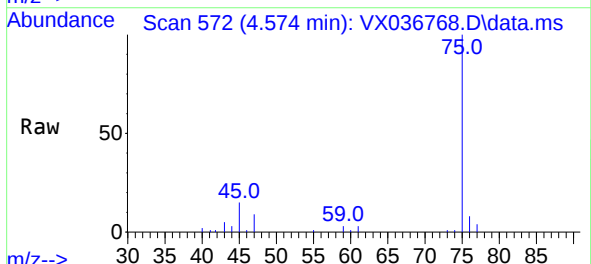
Ion	Ratio	Lower	Upper
84	100		
49	126.3	103.6	155.4
51	47.7	33.8	50.6
86	75.0	49.4	74.0#

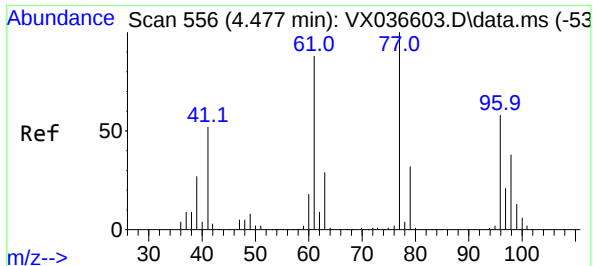


#25
2-Butanone
Concen: 0.793 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Tgt Ion: 43 Resp: 1134

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#26

2,2-Dichloropropane

Concen: 0.391 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.097 min

Lab File: VX036768.D

Acq: 02 Aug 2023 14:17

Instrument :

MSVOA_X

ClientSampleId :

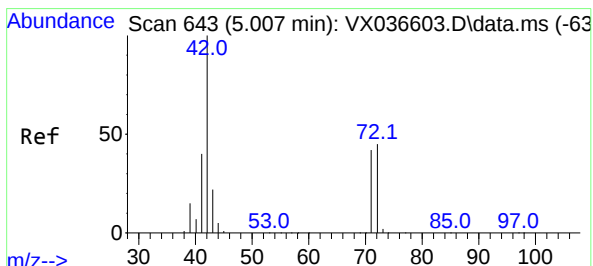
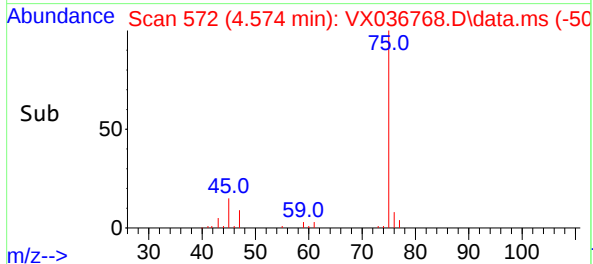
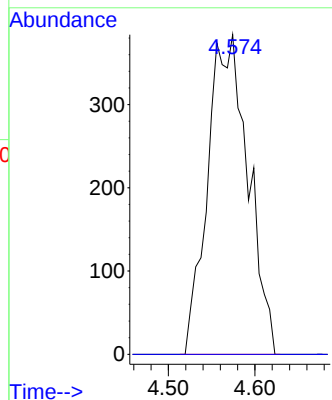
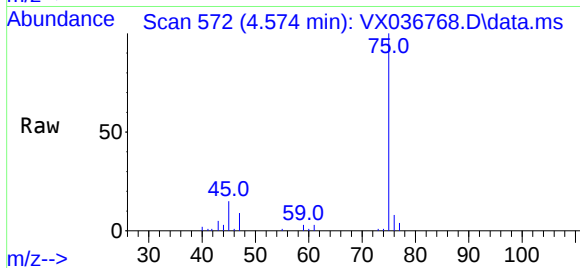
FIELD-BLANK-1

Tgt Ion: 77 Resp: 1241

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#29

Tetrahydrofuran

Concen: 0.246 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.037 min

Lab File: VX036768.D

Acq: 02 Aug 2023 14:17

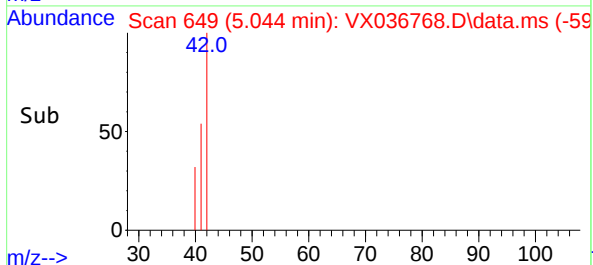
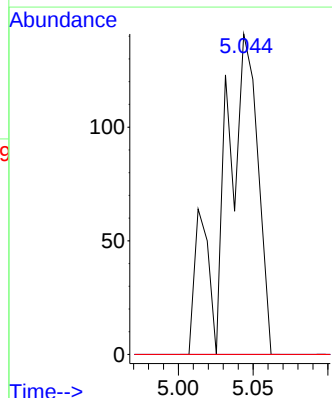
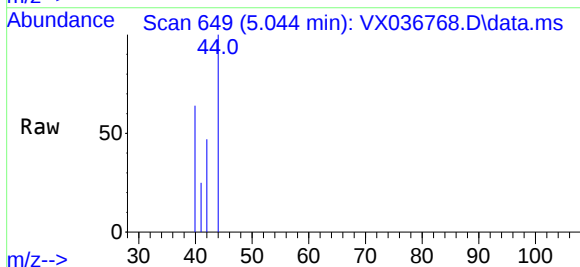
Tgt Ion: 42 Resp: 227

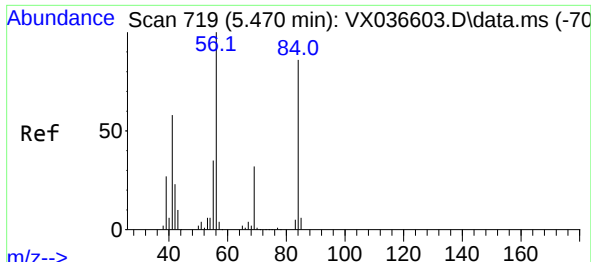
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

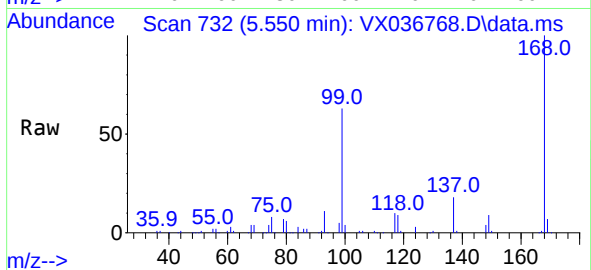
71 0.0 32.2 48.2#



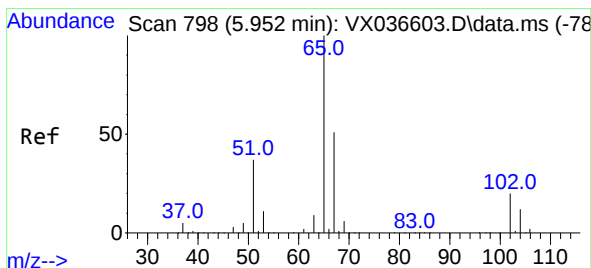
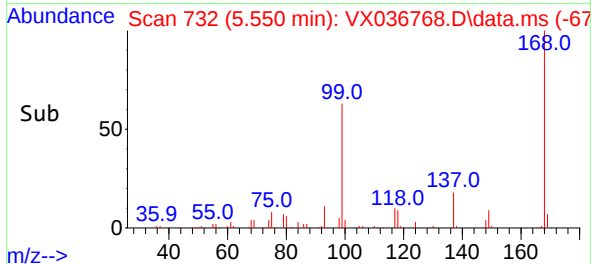
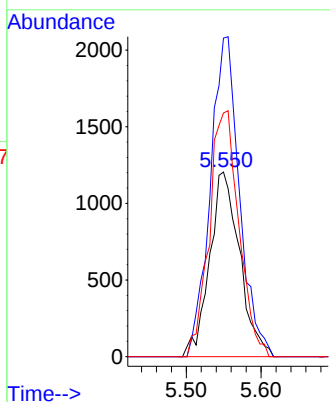


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-1

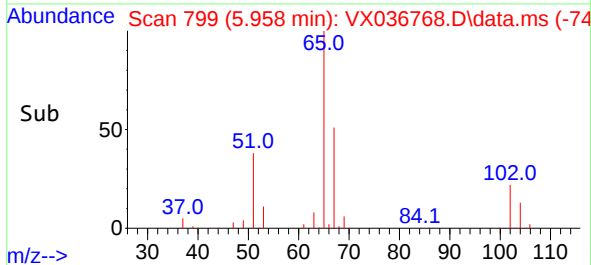
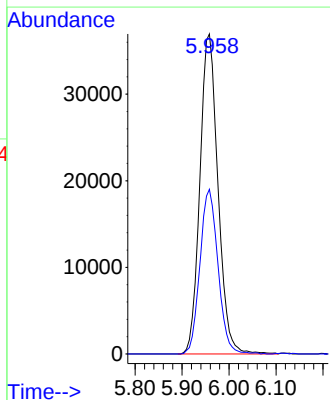
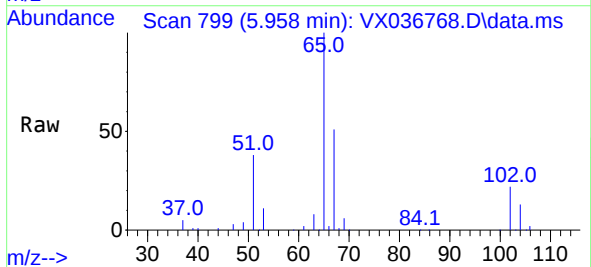


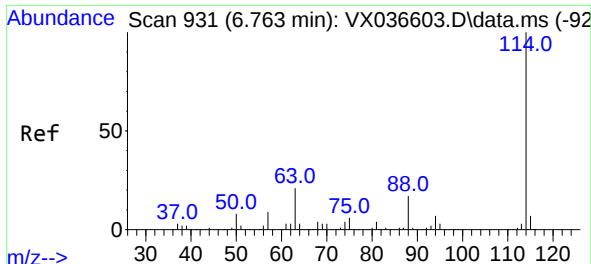
Tgt Ion: 56 Resp: 3364
Ion Ratio Lower Upper
56 100
69 172.5 23.4 35.2#
84 132.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.430 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Tgt Ion: 65 Resp: 98654
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

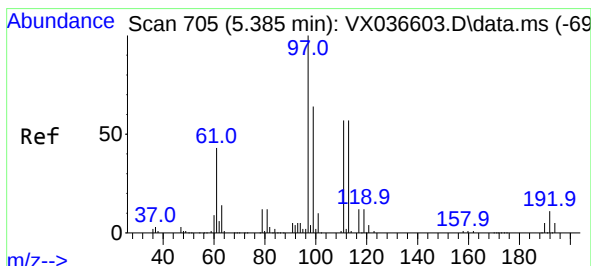
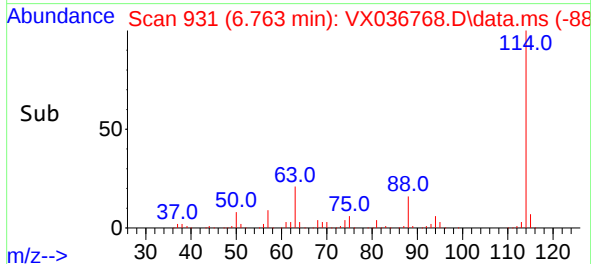
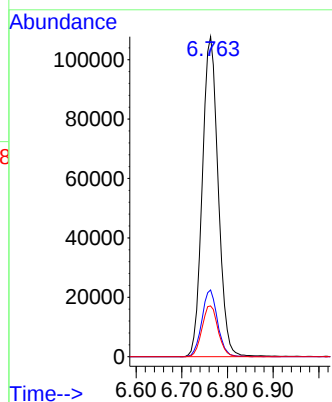
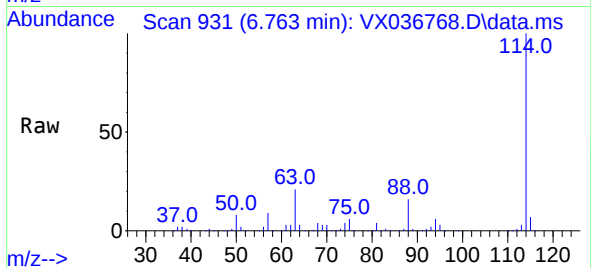




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

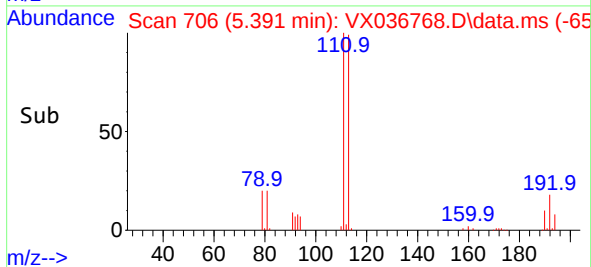
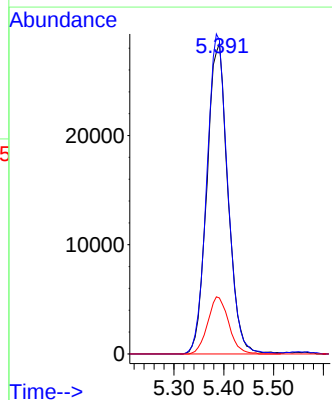
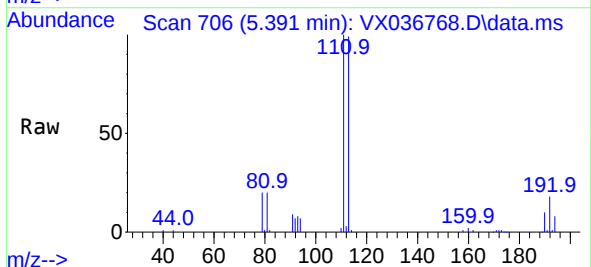
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ClientSampleId :
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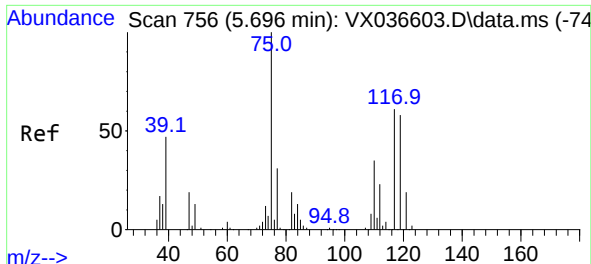
Tgt Ion:114 Resp: 259588
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.690 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Tgt Ion:113 Resp: 83308
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.3 13.3 19.9

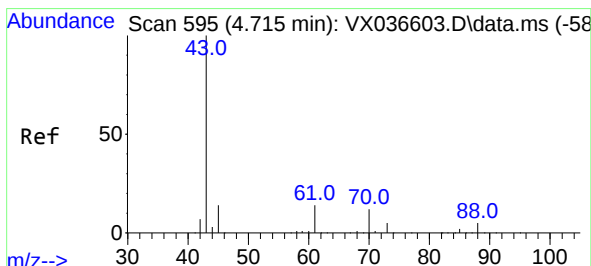
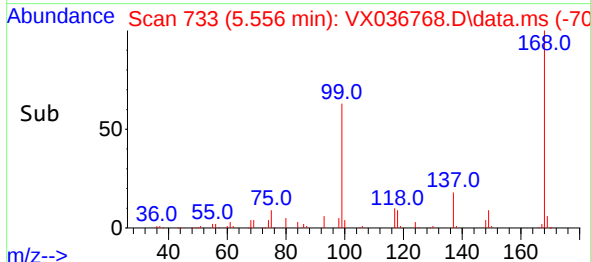
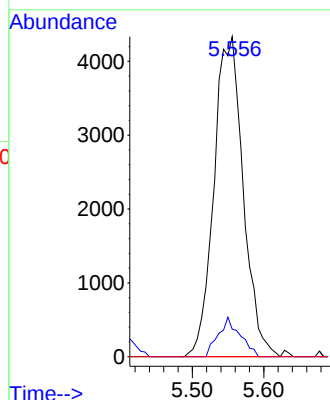
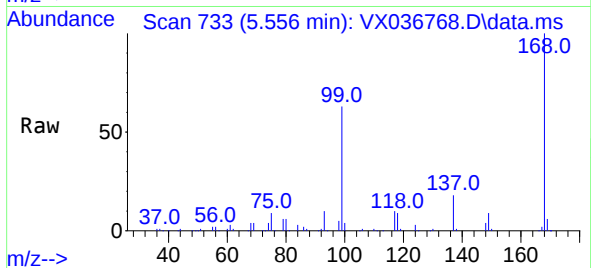




#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

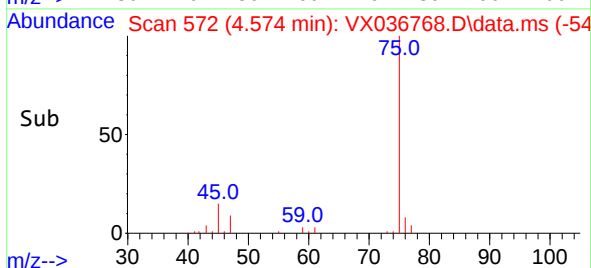
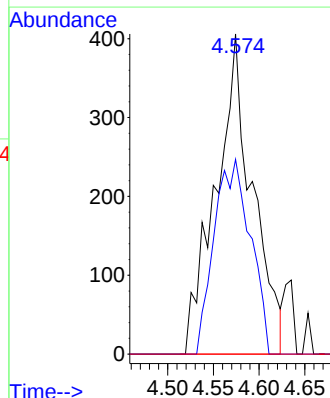
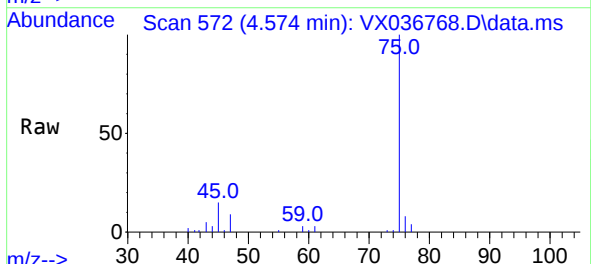
Instrument :
MSVOA_X
ClientSampleId :
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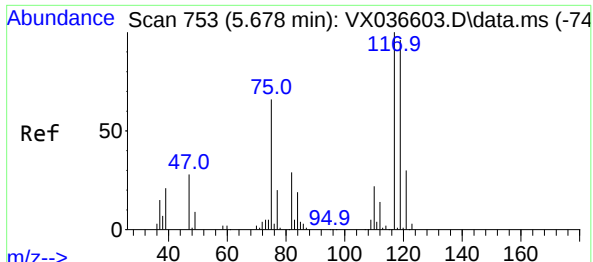
Tgt Ion: 75 Resp: 12290
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.377 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.140 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

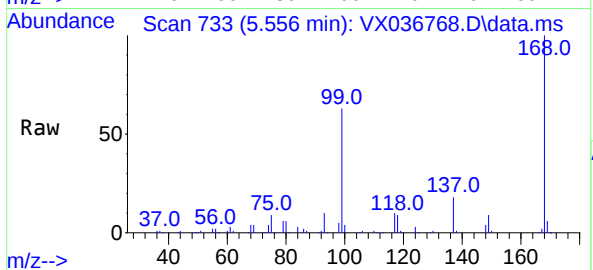
Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
61 60.0 10.6 16.0#
70 0.0 8.3 12.5#



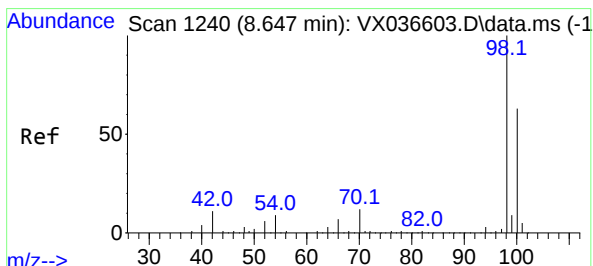
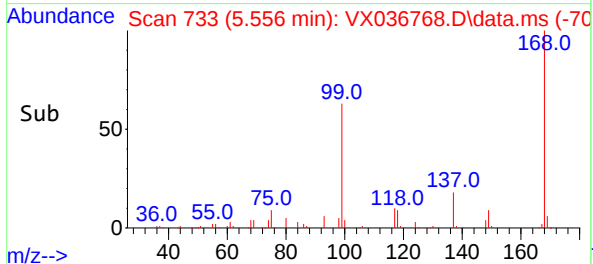
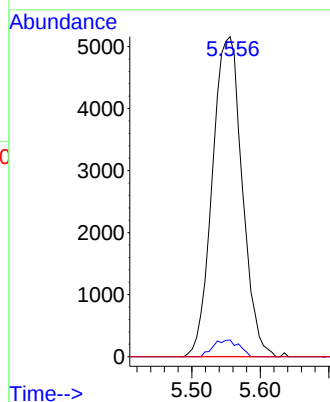


#38
Carbon Tetrachloride
Concen: 5.506 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-1

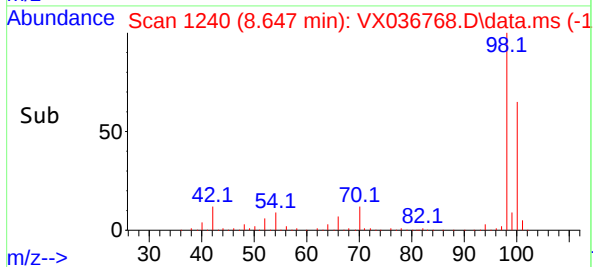
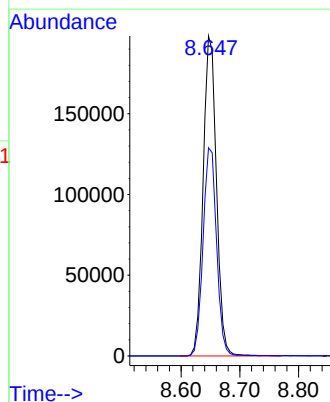
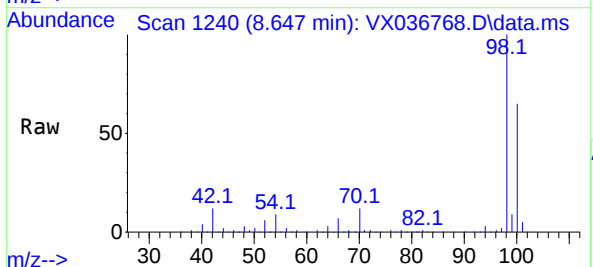


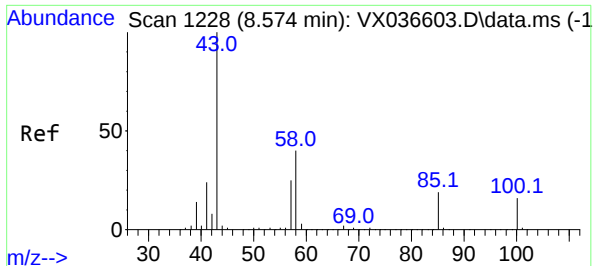
Tgt Ion:117 Resp: 15567
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.426 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Tgt Ion: 98 Resp: 312736
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.507 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX036768.D

Acq: 02 Aug 2023 14:17

Instrument :

MSVOA_X

ClientSampleId :

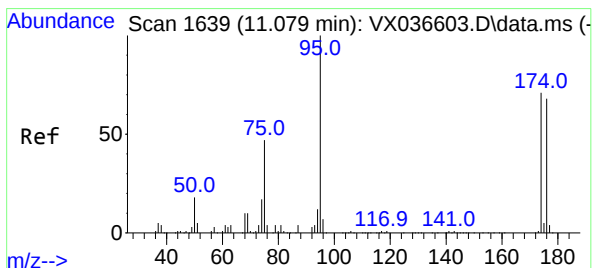
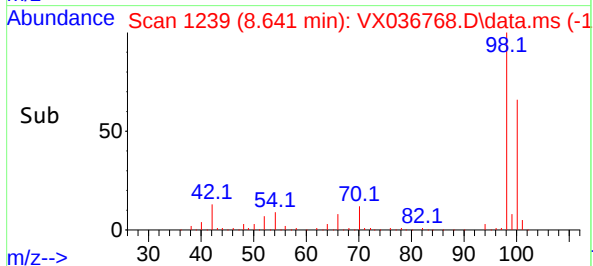
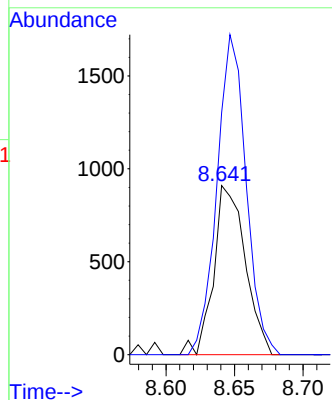
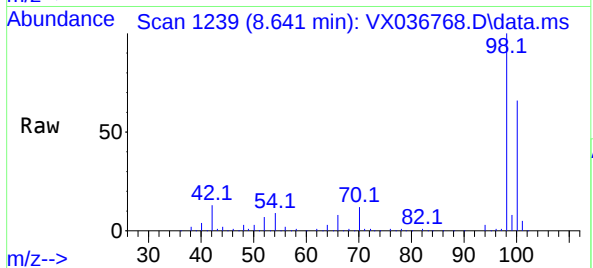
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Tgt Ion: 43 Resp: 1455

Ion Ratio Lower Upper

43 100

58 175.2 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 48.260 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036768.D

Acq: 02 Aug 2023 14:17

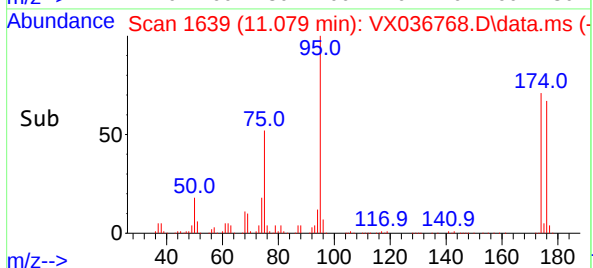
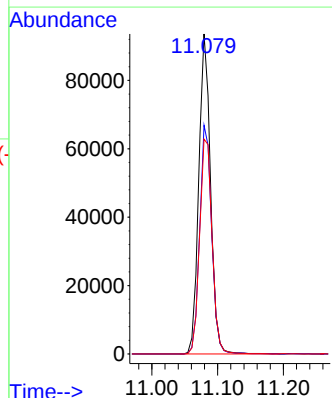
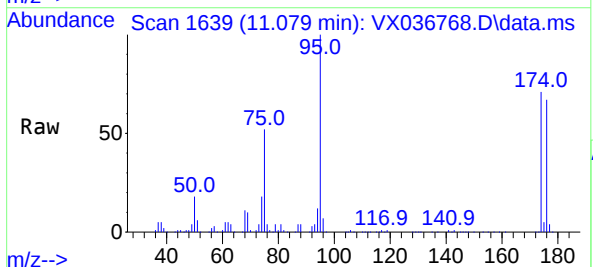
Tgt Ion: 95 Resp: 115207

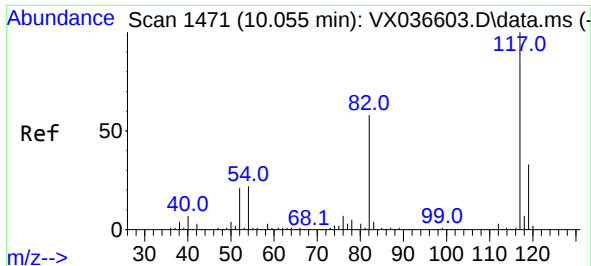
Ion Ratio Lower Upper

95 100

174 73.2 0.0 135.6

176 71.7 0.0 131.0

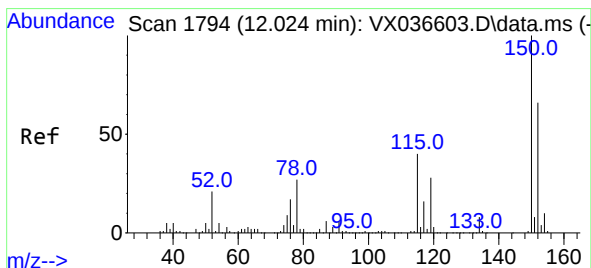
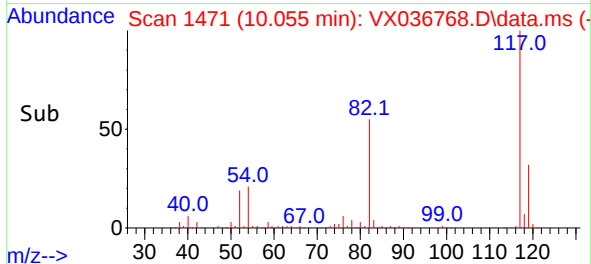
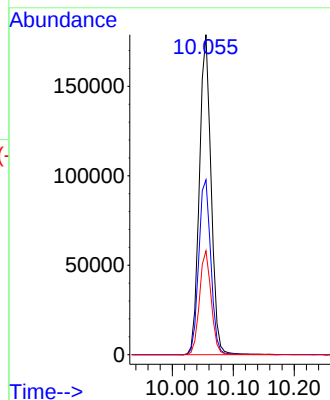
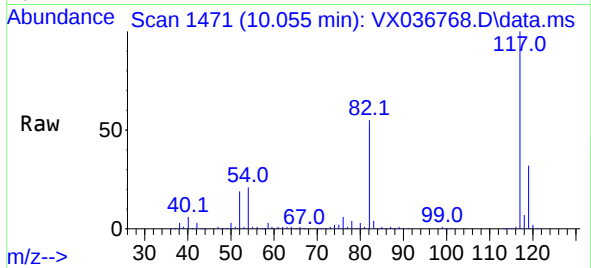




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

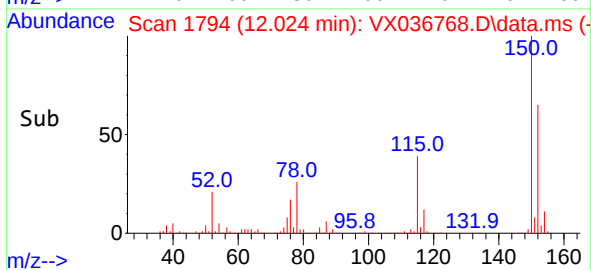
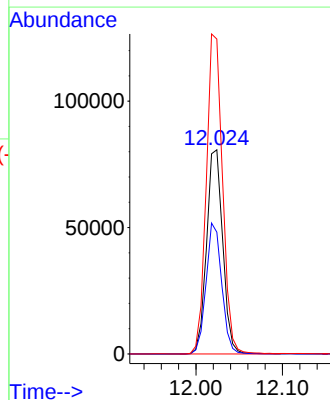
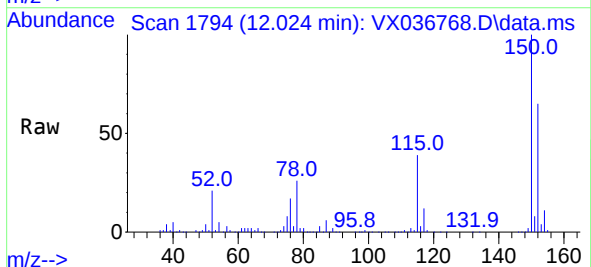
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-1

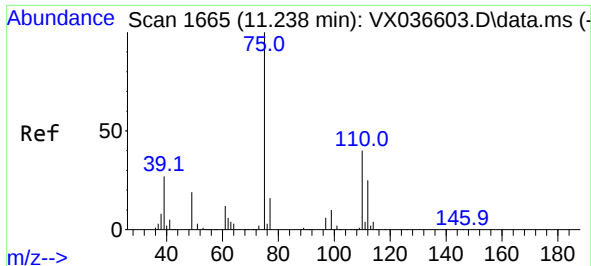
Tgt Ion:117 Resp: 238962
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Tgt Ion:152 Resp: 104874
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 157.1 0.0 345.0

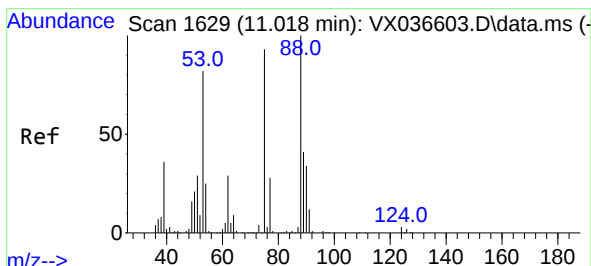
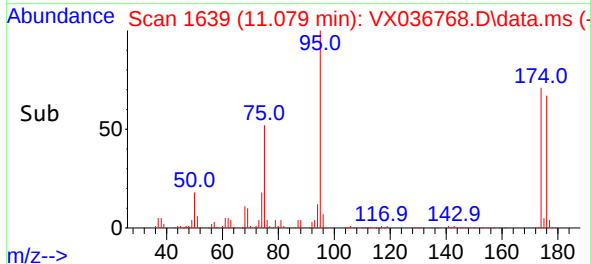
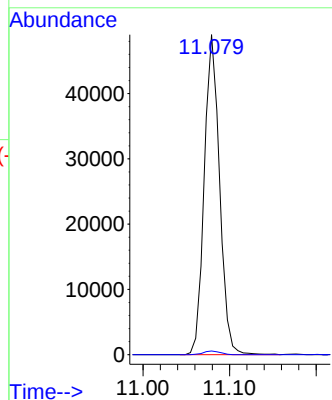
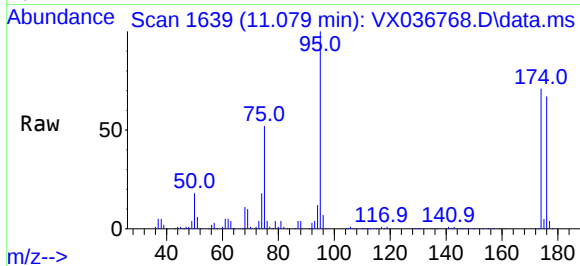




#76
1,2,3-Trichloropropane
Concen: 24.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-1

Tgt Ion: 75 Resp: 60207
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036768.D
Acq: 02 Aug 2023 14:17

Tgt Ion: 75 Resp: 60207
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

