

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037978.D
 Acq On : 29 Sep 2023 16:10
 Operator : JC/MD
 Sample : 04656-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103S

Quant Time: Sep 29 23:06:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

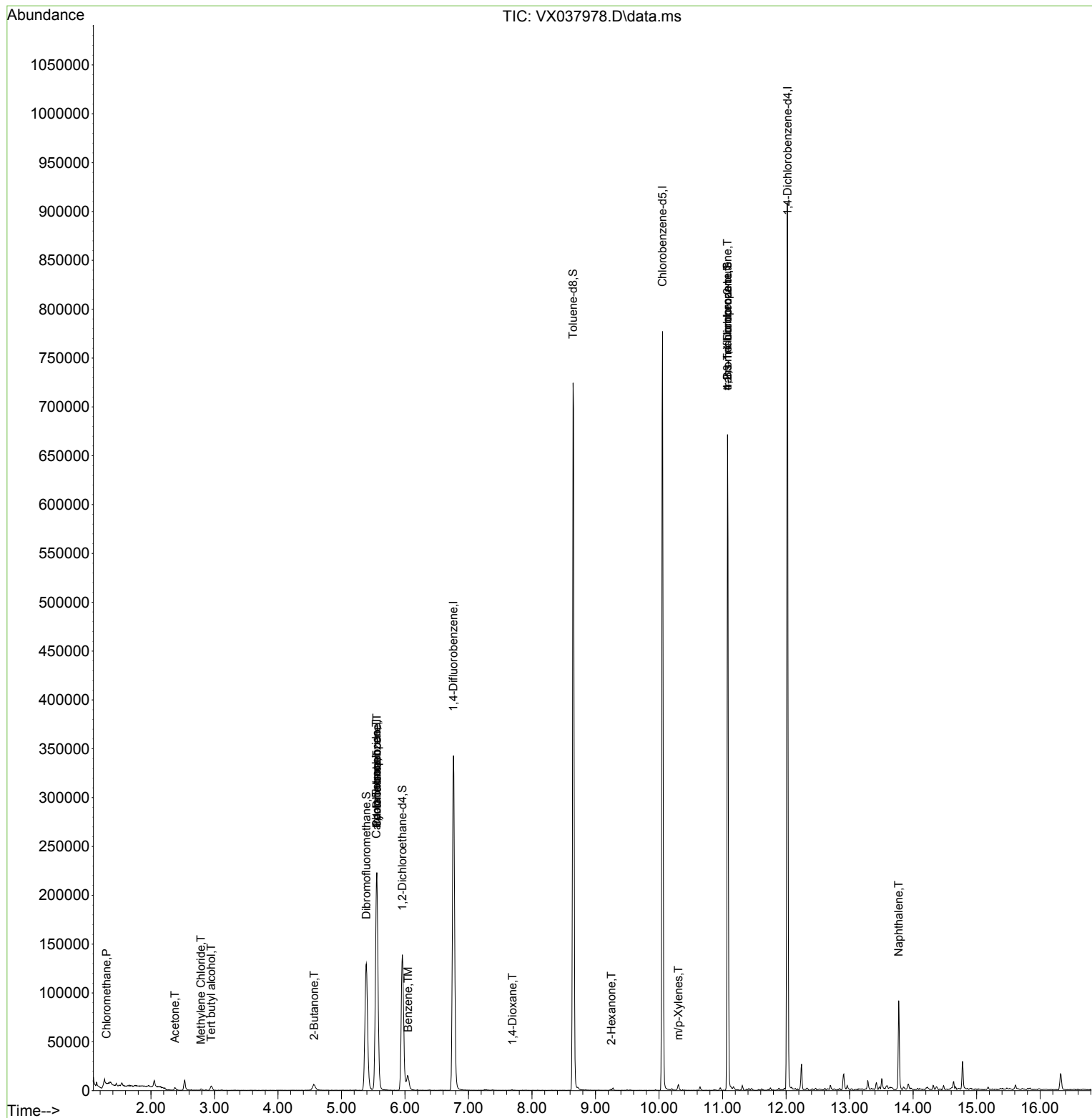
Internal Standards						
1) Pentafluorobenzene	5.556	168	211651	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	365512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132256	47.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.120%
35) Dibromofluoromethane	5.391	113	114191	46.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	446243	49.107	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.220%
62) 4-Bromofluorobenzene	11.079	95	170466	51.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.240%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	629	0.259	ug/l	# 43
11) Tert butyl alcohol	2.947	59	3774	6.323	ug/l	# 87
16) Acetone	2.380	43	2860	2.138	ug/l	# 79
20) Methylene Chloride	2.788	84	675	0.248	ug/l	# 83
25) 2-Butanone	4.568	43	387	0.205	ug/l	# 51
31) Cyclohexane	5.556	56	4391	1.230	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	16066	4.769	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	21894	6.211	ug/l	# 15
40) Benzene	6.050	78	18272	1.764	ug/l	97
49) 1,4-Dioxane	7.690	88	130	1.752	ug/l	# 49
59) 2-Hexanone	9.250	43	643	0.220	ug/l	84
68) m/p-Xylenes	10.305	106	1365	0.263	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	86676	19.484	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	86676	62.416	ug/l	# 5
95) Naphthalene	13.774	128	57900	4.372	ug/l	100

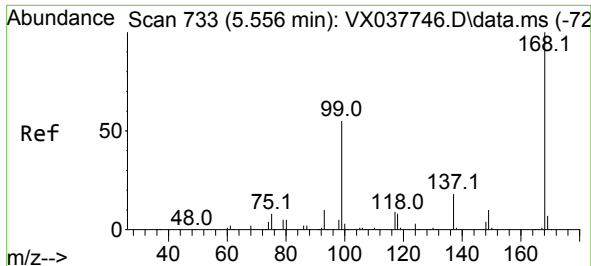
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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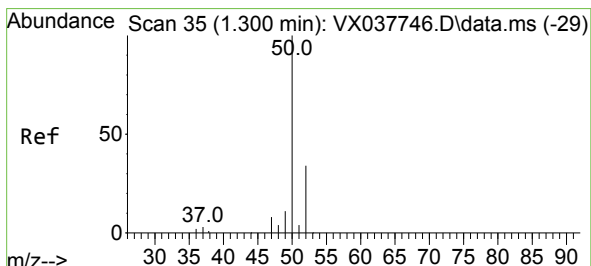
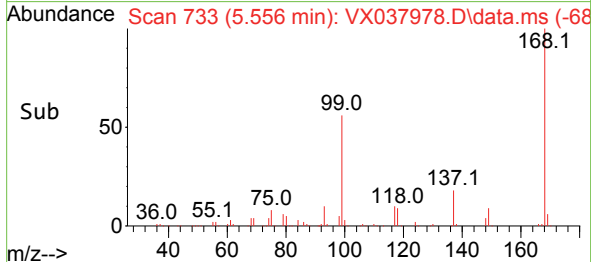
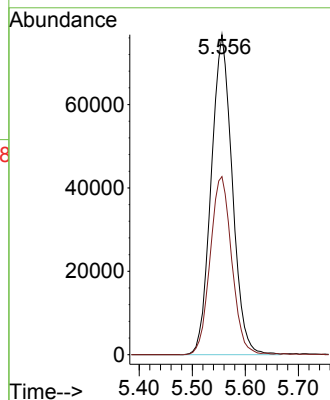
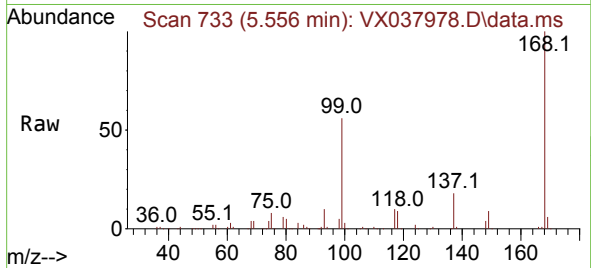




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

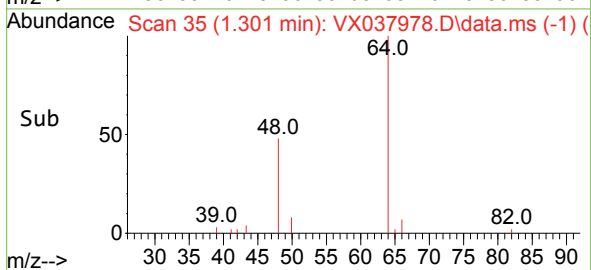
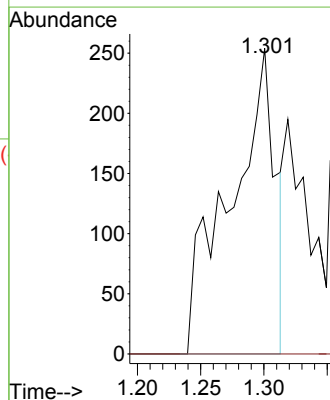
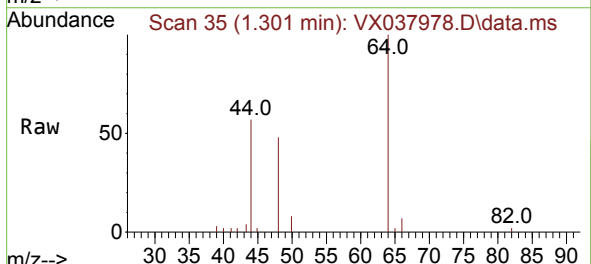
Instrument :
MSVOA_X
ClientSampleId :
MW-103S

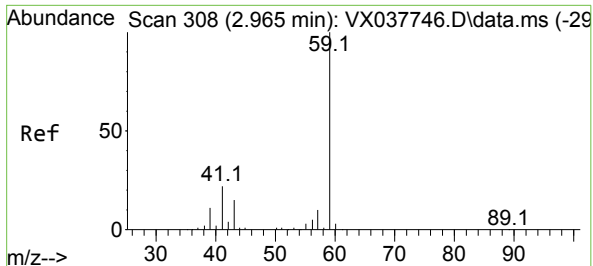
Tgt Ion:168 Resp: 211651
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

Tgt Ion: 50 Resp: 629
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: 6.323 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX037978.D

Acq: 29 Sep 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

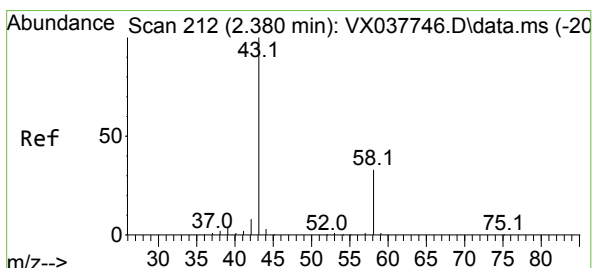
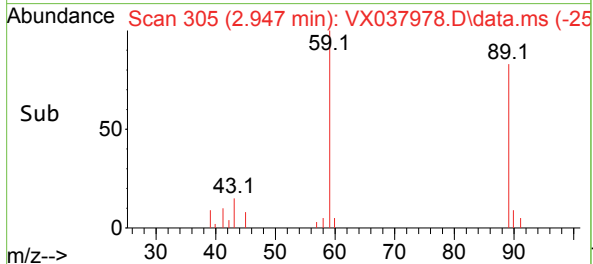
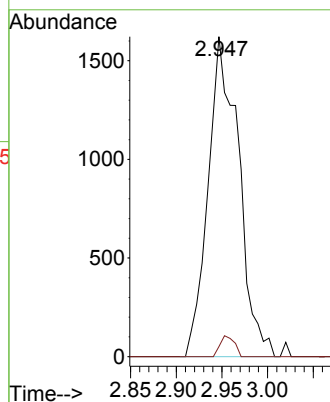
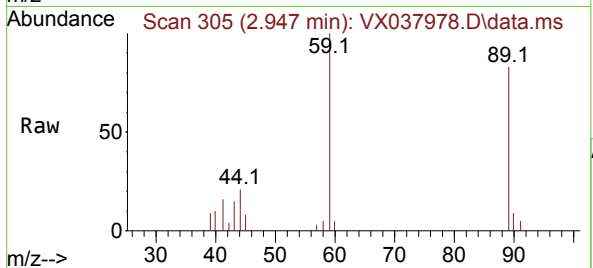
MW-103S

Tgt Ion: 59 Resp: 3774

Ion Ratio Lower Upper

59 100

57 3.1 6.0 9.0#



#16

Acetone

Concen: 2.138 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037978.D

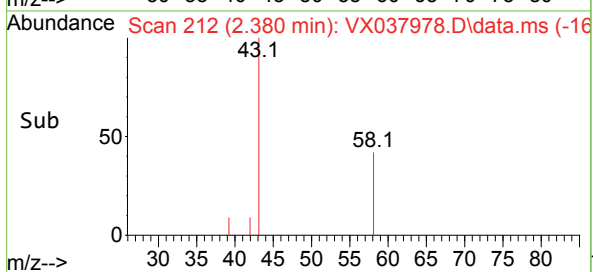
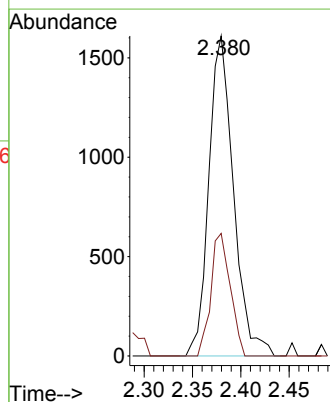
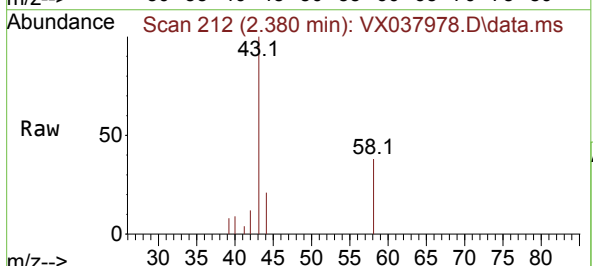
Acq: 29 Sep 2023 16:10

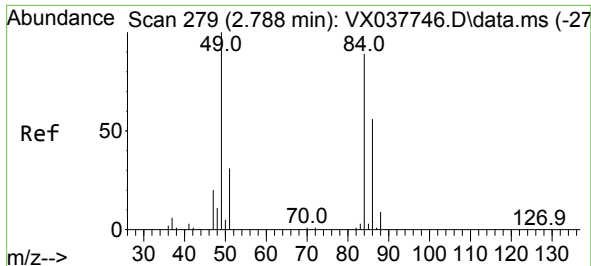
Tgt Ion: 43 Resp: 2860

Ion Ratio Lower Upper

43 100

58 38.3 21.9 32.9#





#20

Methylene Chloride

Concen: 0.248 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037978.D

Acq: 29 Sep 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

MW-103S

Tgt Ion: 84 Resp: 675

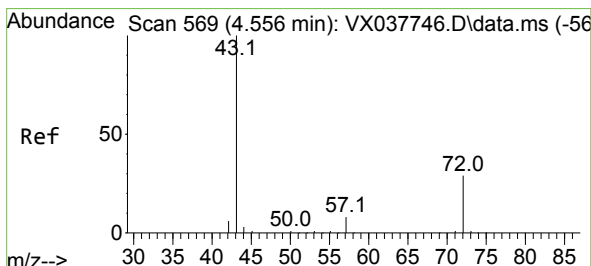
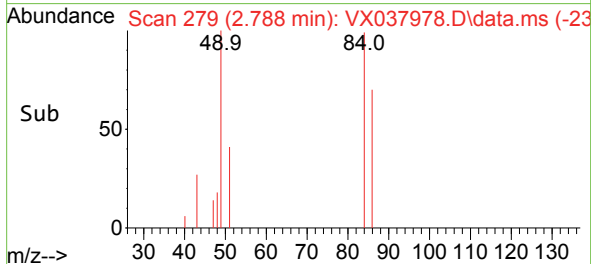
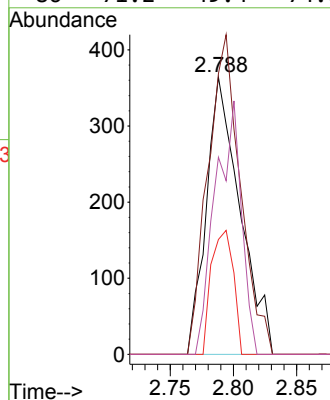
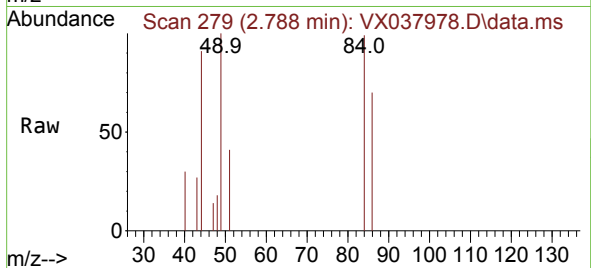
Ion Ratio Lower Upper

84 100

49 101.4 103.6 155.4#

51 41.5 33.8 50.6

86 71.2 49.4 74.0



#25

2-Butanone

Concen: 0.205 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX037978.D

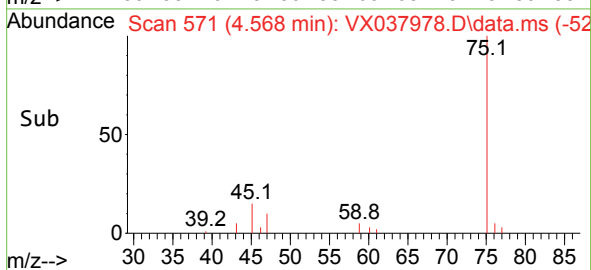
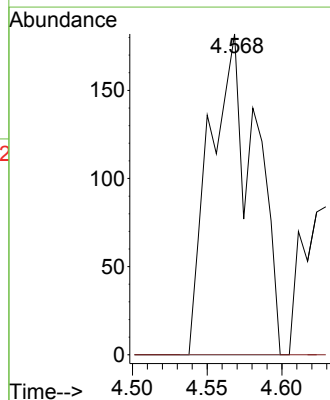
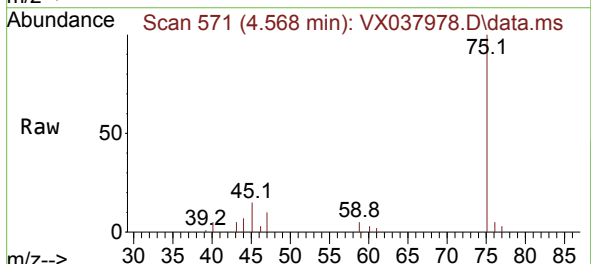
Acq: 29 Sep 2023 16:10

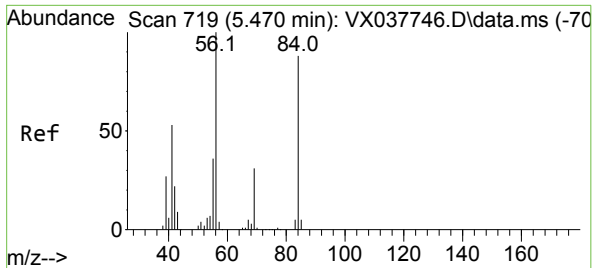
Tgt Ion: 43 Resp: 387

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

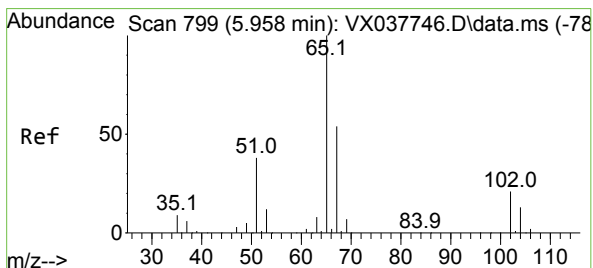
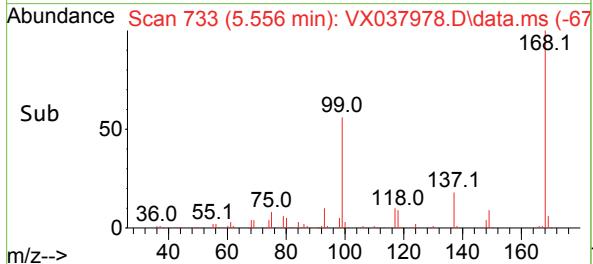
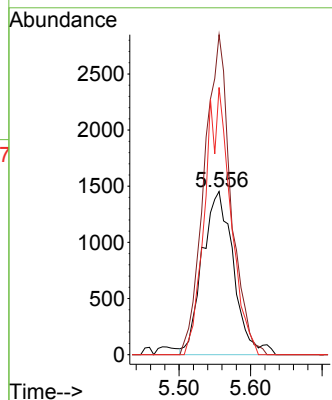
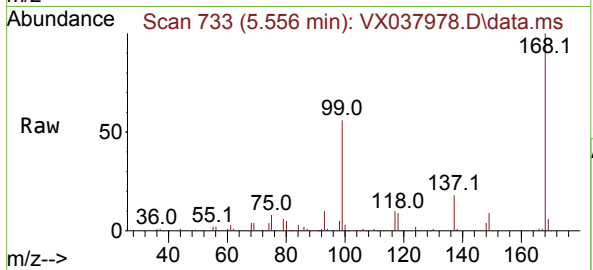




#31
Cyclohexane
Concen: 1.230 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

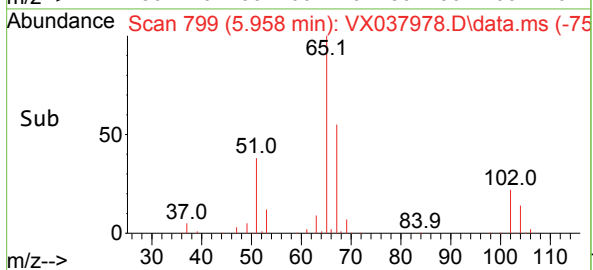
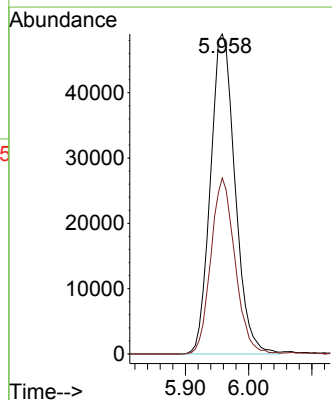
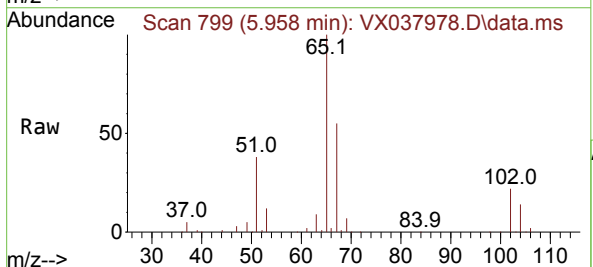
Instrument :
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ClientSampleId :
MW-103S

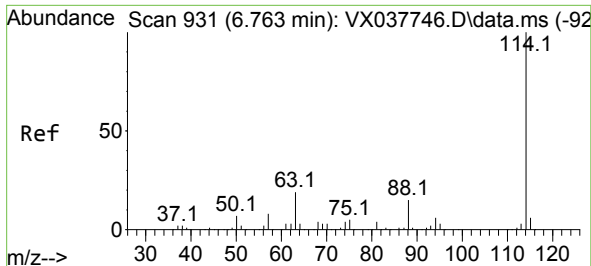
Tgt Ion: 56 Resp: 4391
Ion Ratio Lower Upper
56 100
69 196.1 23.4 35.2#
84 163.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.561 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

Tgt Ion: 65 Resp: 132256
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

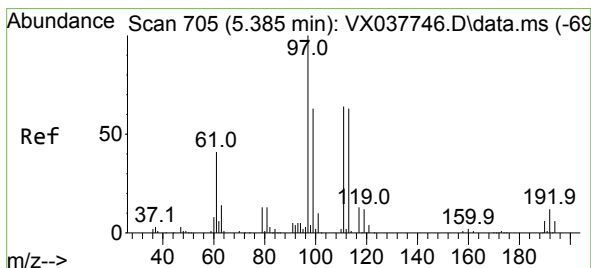
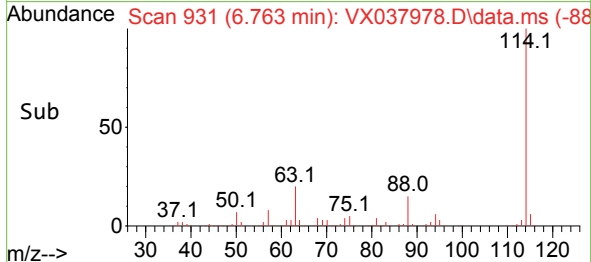
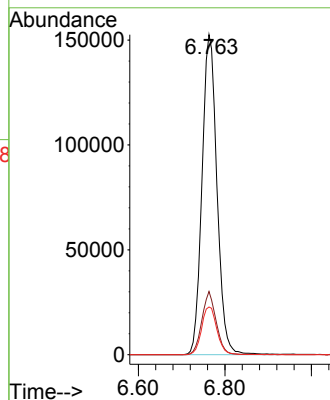
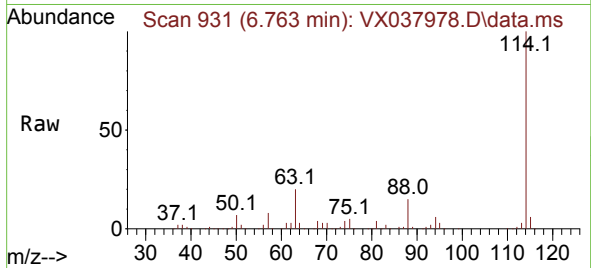




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

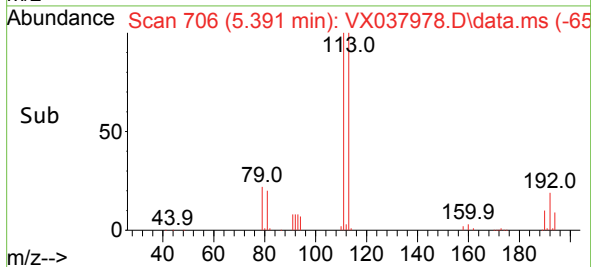
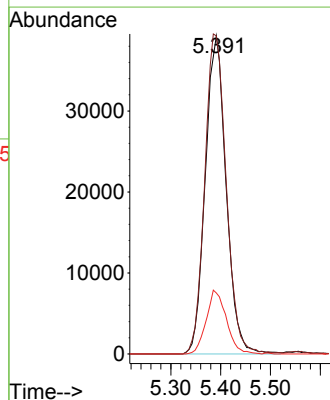
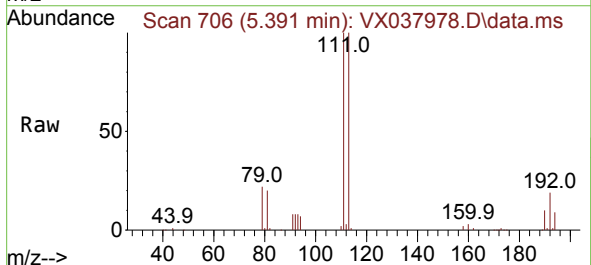
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ClientSampleId :
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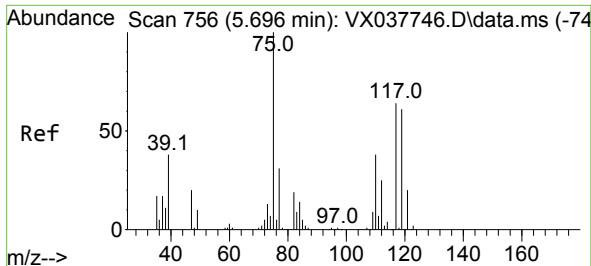
Tgt Ion:114 Resp: 365512
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.691 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

Tgt Ion:113 Resp: 114191
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 19.4 13.3 19.9

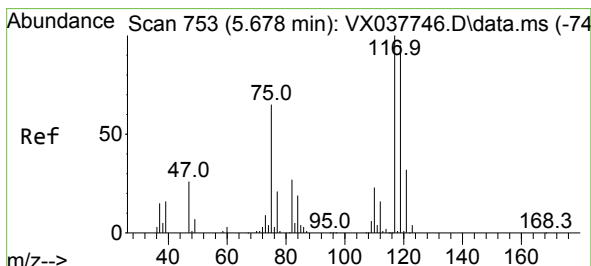
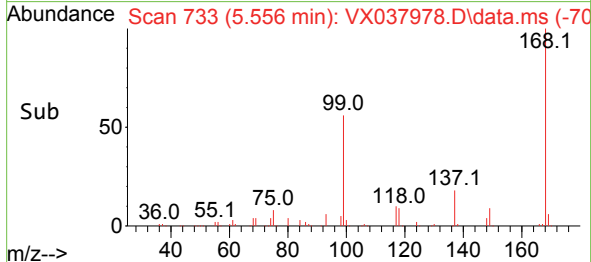
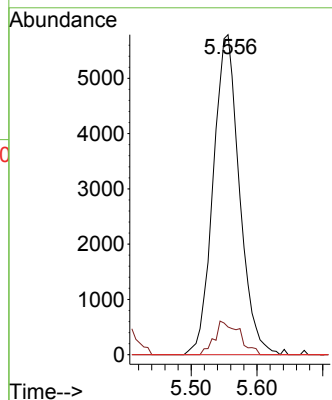
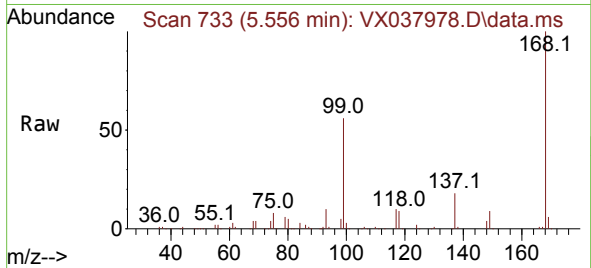




#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

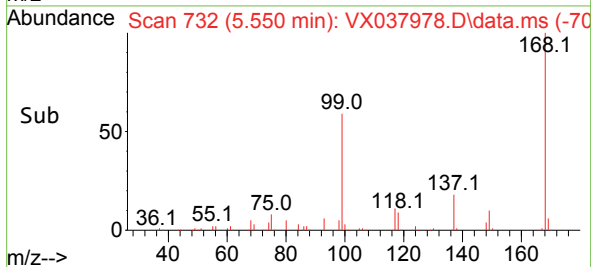
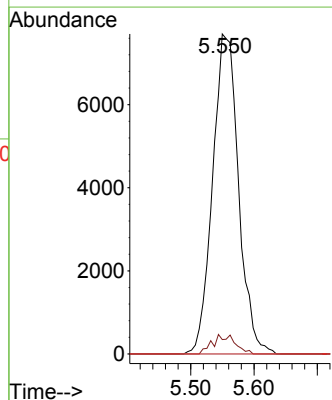
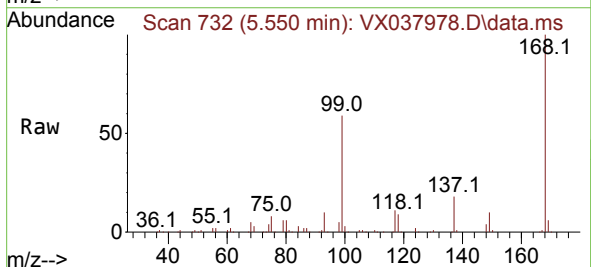
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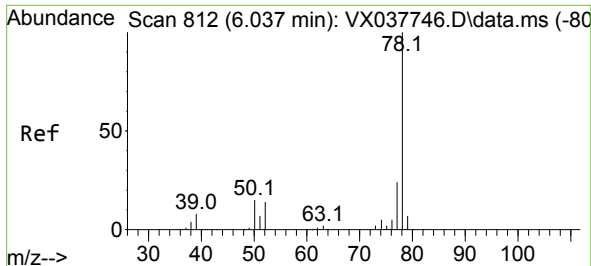
Tgt Ion: 75 Resp: 16066
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.211 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

Tgt Ion: 117 Resp: 21894
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 1.764 ug/l

RT: 6.050 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX037978.D

Acq: 29 Sep 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

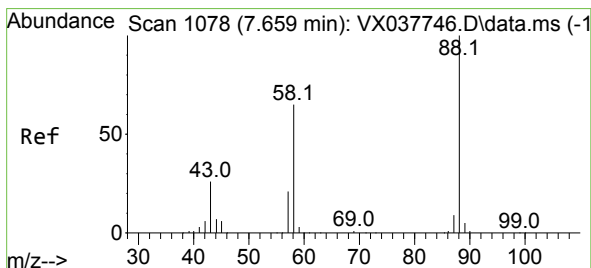
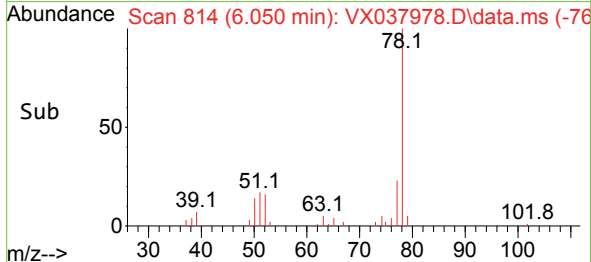
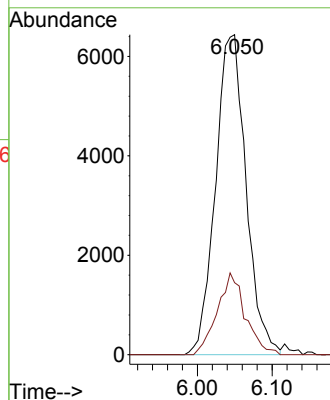
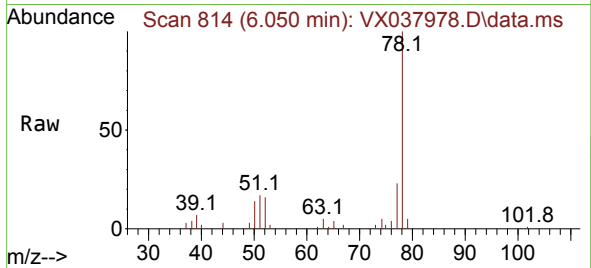
MW-103S

Tgt Ion: 78 Resp: 18272

Ion Ratio Lower Upper

78 100

77 22.5 19.3 28.9



#49

1,4-Dioxane

Concen: 1.752 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.018 min

Lab File: VX037978.D

Acq: 29 Sep 2023 16:10

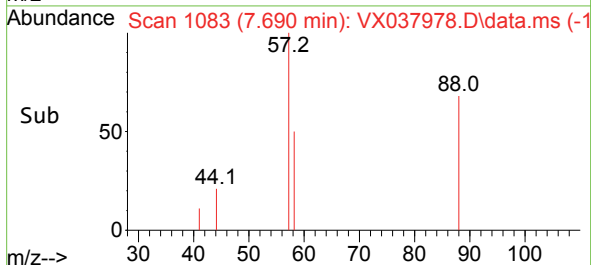
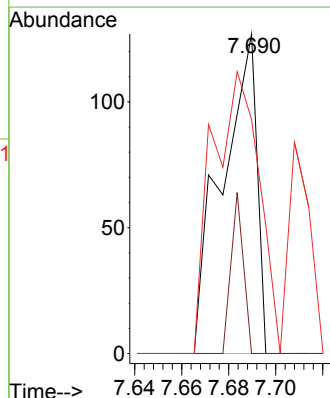
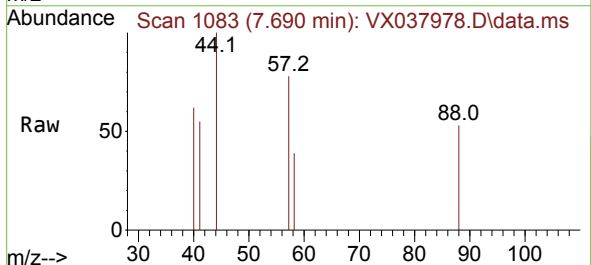
Tgt Ion: 88 Resp: 130

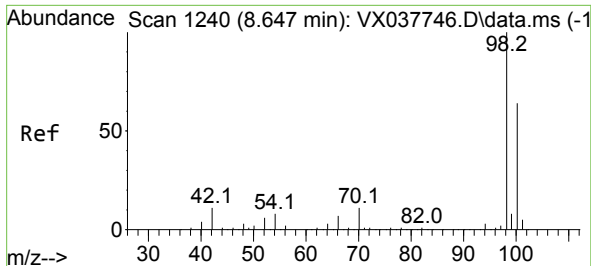
Ion Ratio Lower Upper

88 100

43 17.7 0.0 0.0#

58 118.5 60.1 90.1#

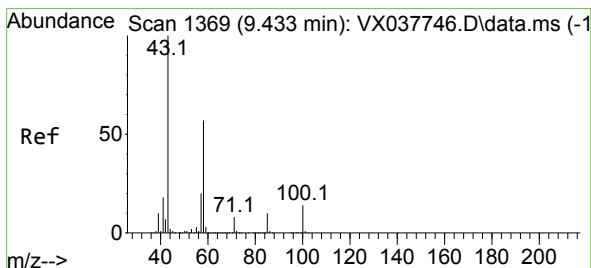
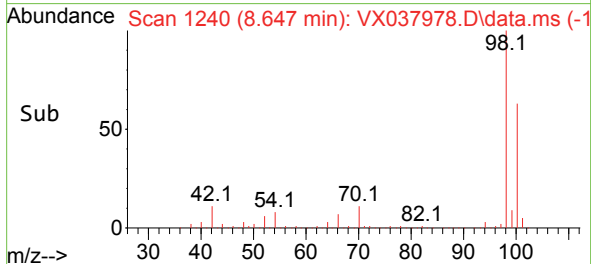
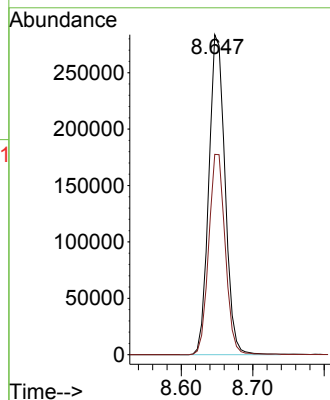
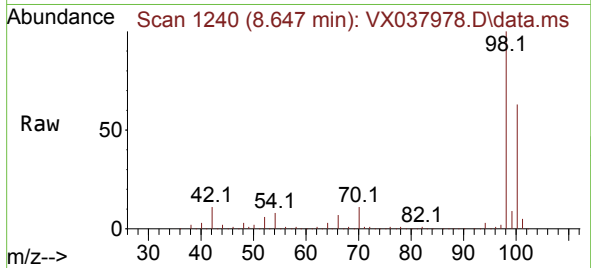




#50
Toluene-d8
Concen: 49.107 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

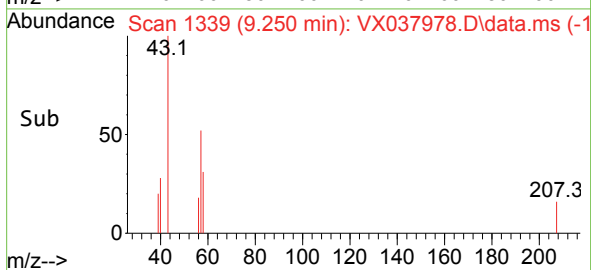
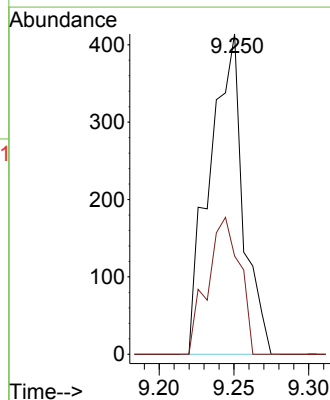
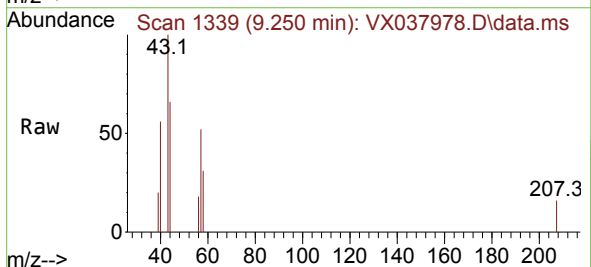
Instrument :
MSVOA_X
ClientSampleId :
MW-103S

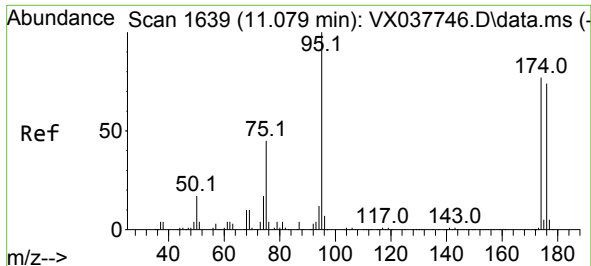
Tgt Ion: 98 Resp: 446243
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#59
2-Hexanone
Concen: 0.220 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. -0.183 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
58 41.2 26.2 78.5

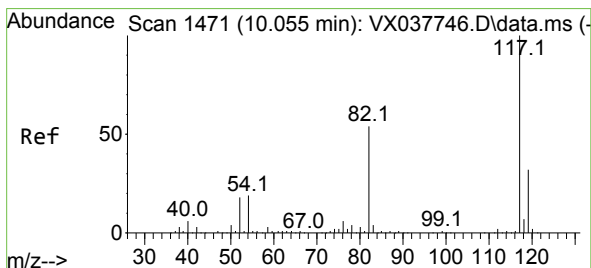
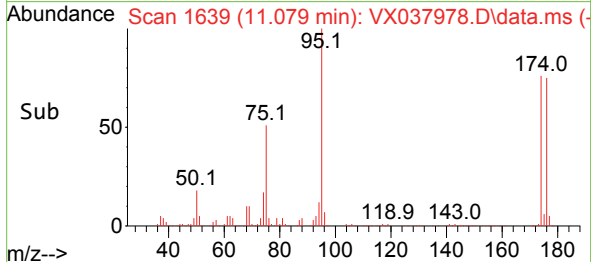
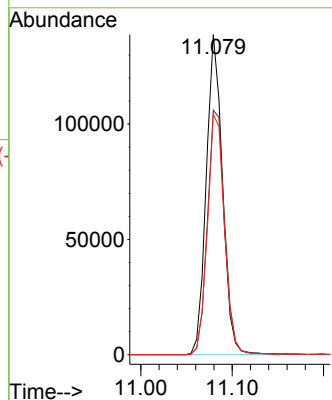
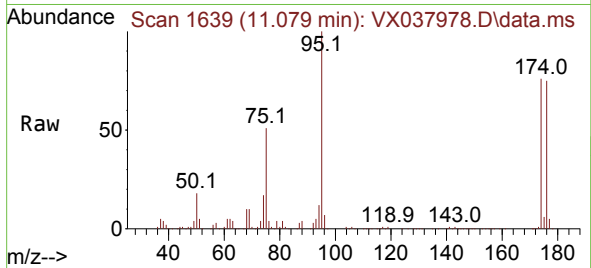




#62
4-Bromofluorobenzene
Concen: 51.624 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

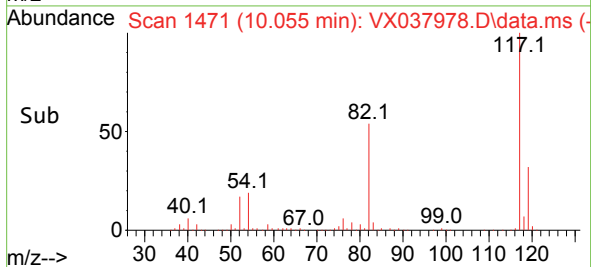
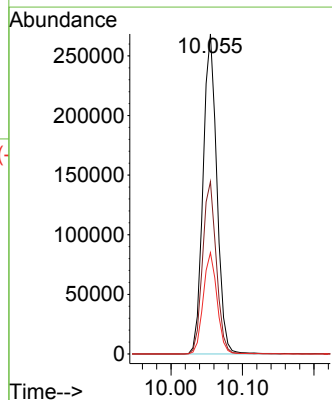
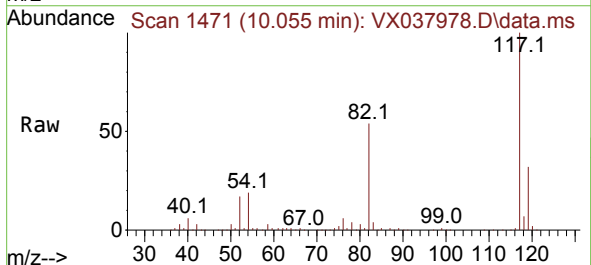
Instrument :
MSVOA_X
ClientSampleId :
MW-103S

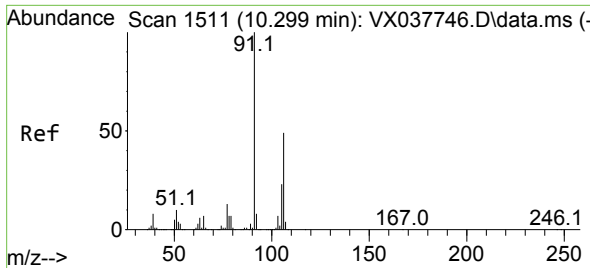
Tgt Ion: 95 Resp: 170466
Ion Ratio Lower Upper
95 100
174 82.2 0.0 135.6
176 78.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

Tgt Ion: 117 Resp: 359464
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 31.6 25.5 38.3

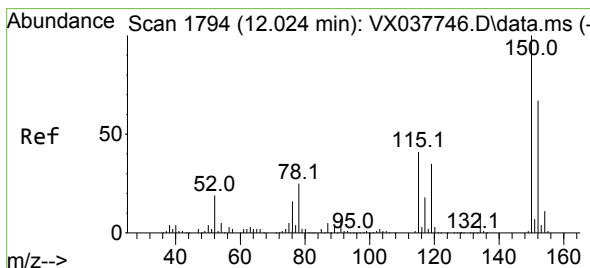
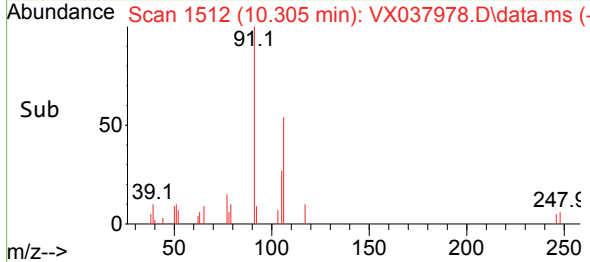
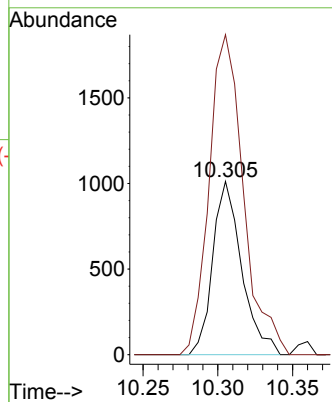
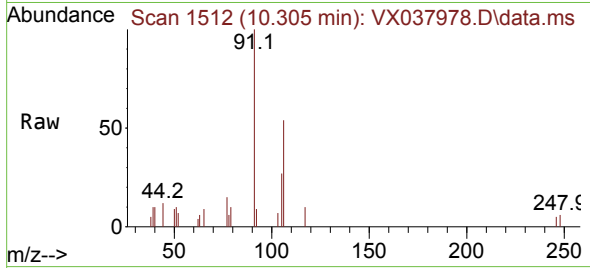




#68
m/p-Xylenes
Concen: 0.263 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

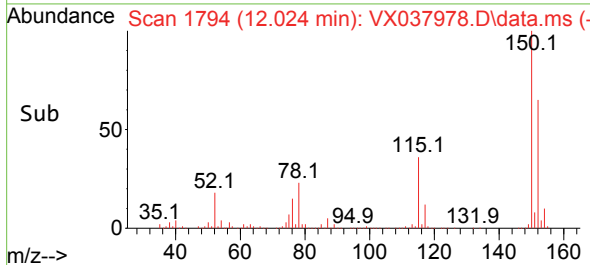
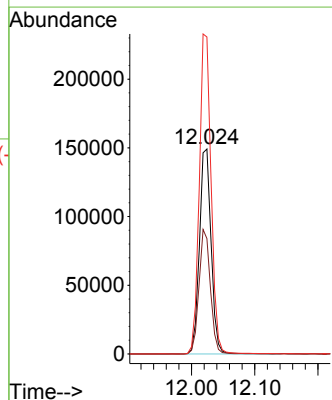
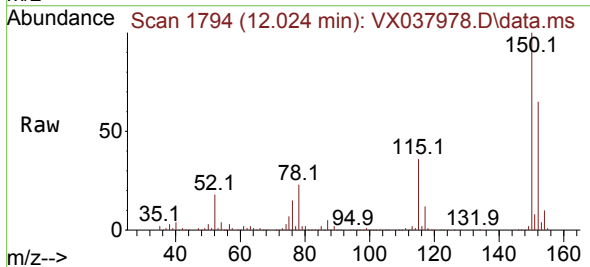
Instrument :
MSVOA_X
ClientSampleId :
MW-103S

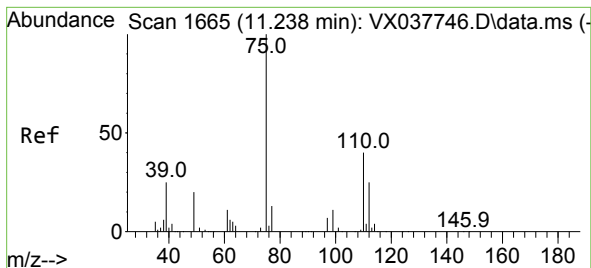
Tgt Ion:106 Resp: 1365
Ion Ratio Lower Upper
106 100
91 218.9 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037978.D
Acq: 29 Sep 2023 16:10

Tgt Ion:152 Resp: 192333
Ion Ratio Lower Upper
152 100
115 59.1 43.3 129.9
150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.484 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037978.D

Acq: 29 Sep 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

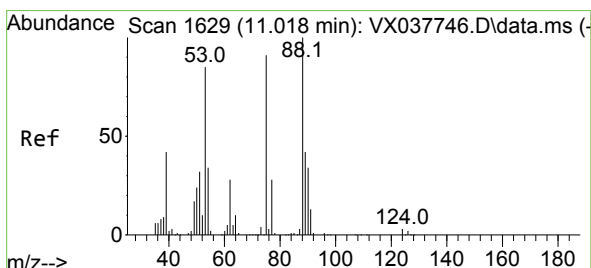
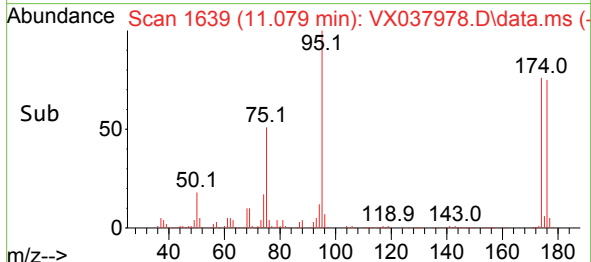
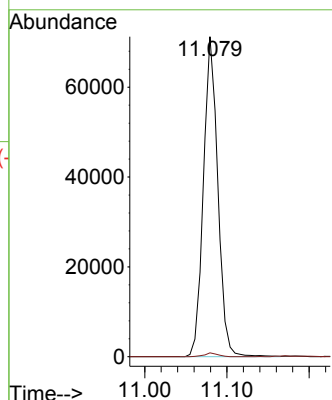
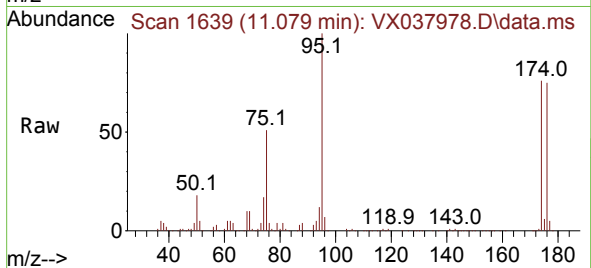
MW-103S

Tgt Ion: 75 Resp: 86676

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.416 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037978.D

Acq: 29 Sep 2023 16:10

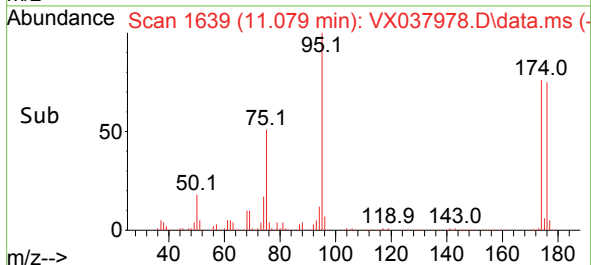
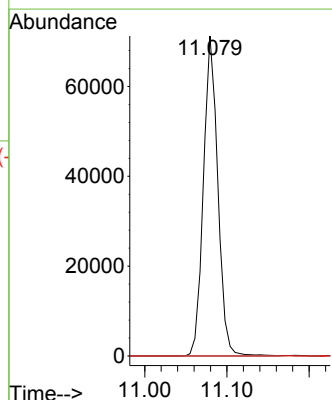
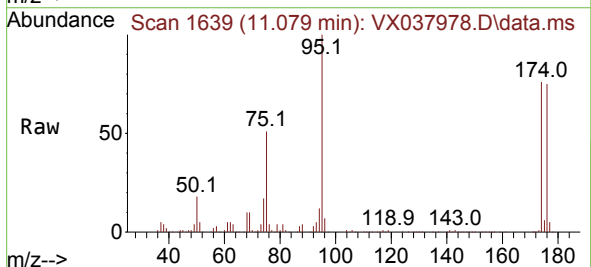
Tgt Ion: 75 Resp: 86676

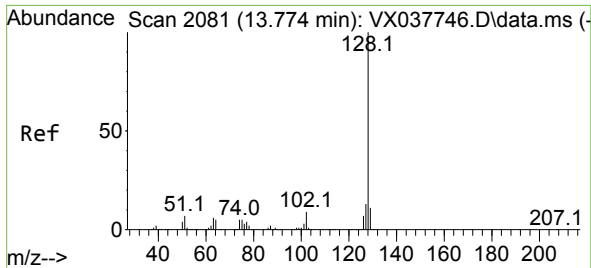
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95
 Naphthalene
 Concen: 4.372 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.006 min
 Lab File: VX037978.D
 Acq: 29 Sep 2023 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103S

Tgt Ion:128 Resp: 57900
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 11.1 8.8 13.2

