

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038175.D
 Acq On : 09 Oct 2023 16:33
 Operator : JC/MD
 Sample : 04724-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

Quant Time: Oct 10 00:58:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

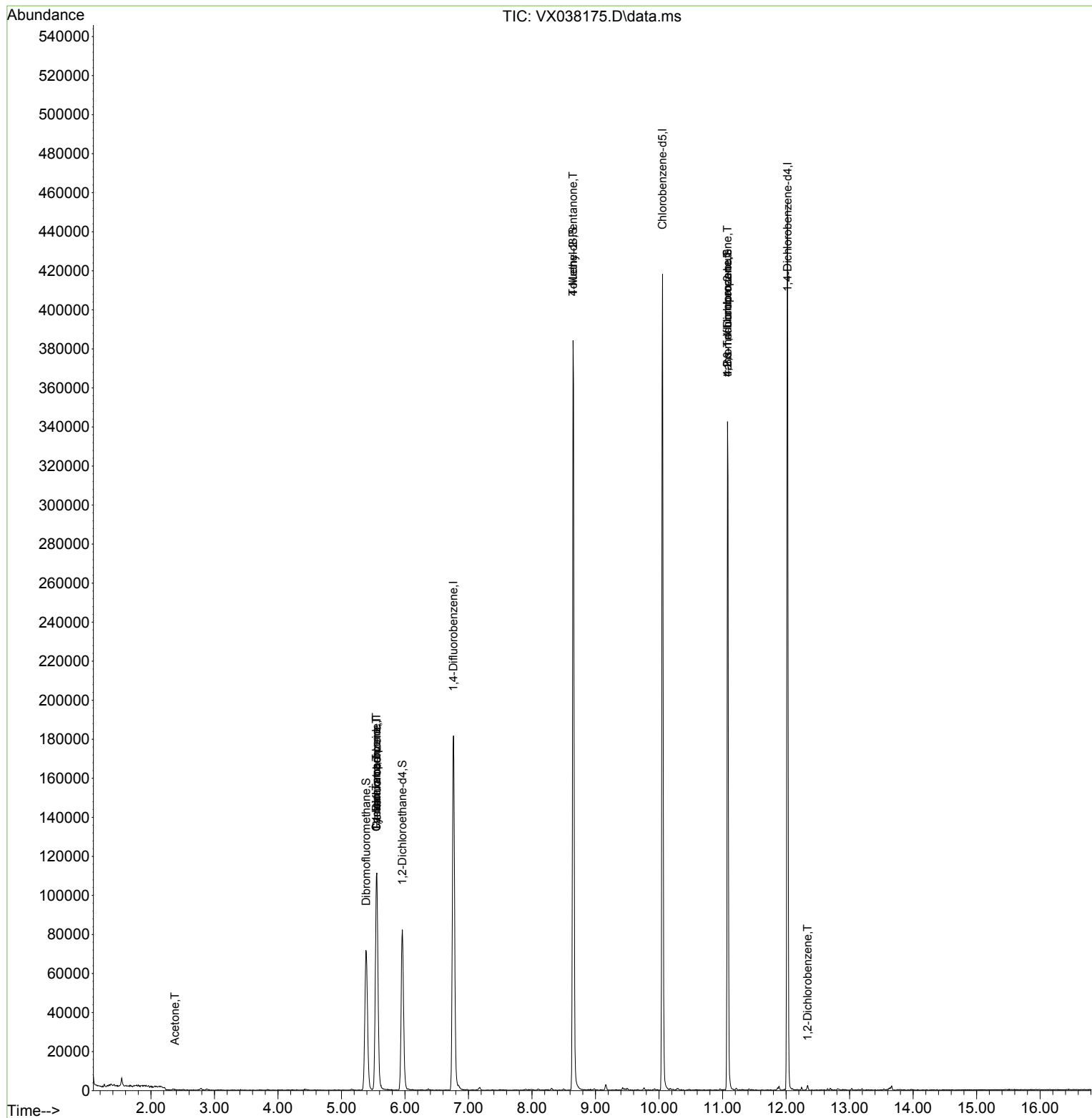
Internal Standards						
1) Pentafluorobenzene	5.556	168	105981	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	188856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78233	45.894	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.780%
35) Dibromofluoromethane	5.385	113	61989	45.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.100%
50) Toluene-d8	8.647	98	234052	45.010	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.020%#
62) 4-Bromofluorobenzene	11.079	95	86966	44.114	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.220%
Target Compounds						
						Qvalue
5) Bromomethane	1.563	94	66	Below Cal	#	3
6) Chloroethane	1.691	64	133	Below Cal	#	43
11) Tert butyl alcohol	3.209	59	19	Below Cal	#	78
16) Acetone	2.380	43	602	0.846	ug/l	# 47
31) Cyclohexane	5.550	56	2778	1.504	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8567	4.565	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	10725	5.810	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1090	0.475	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	48527	22.720	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	48527	65.023	ug/l	# 5
91) 1,2-Dichlorobenzene	12.341	146	722	0.243	ug/l	95

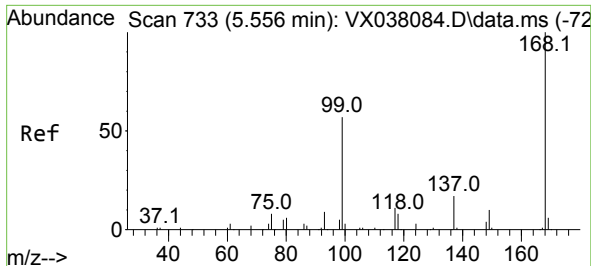
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
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Quant Time: Oct 10 00:58:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

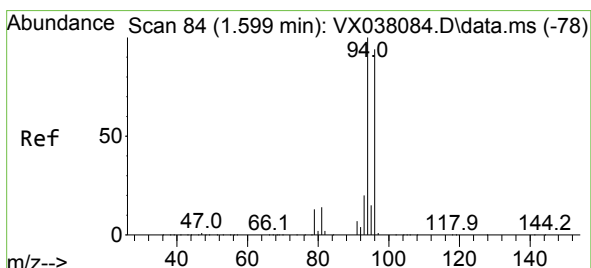
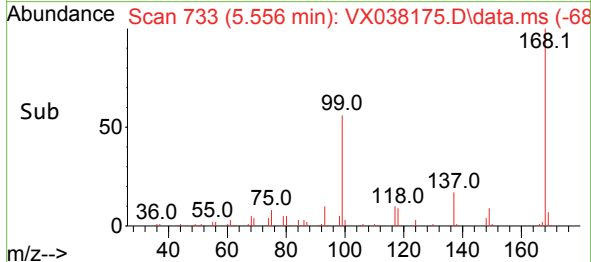
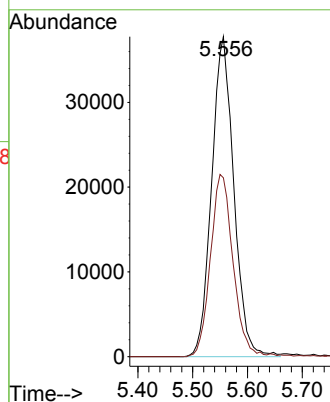
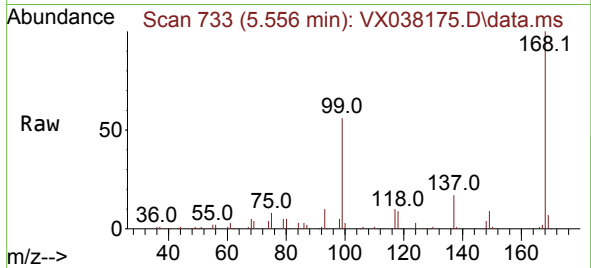




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

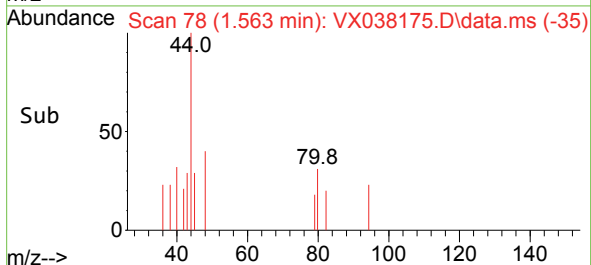
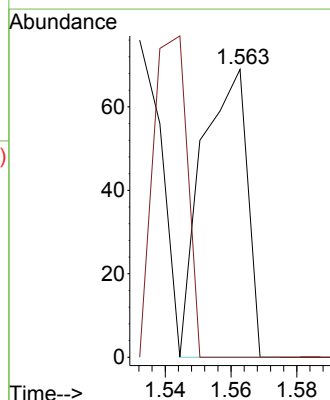
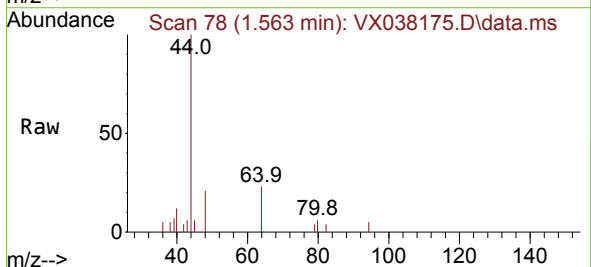
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

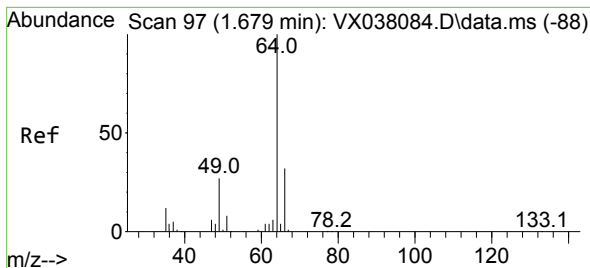
Tgt Ion:168 Resp: 105981
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.563 min Scan# 78
Delta R.T. -0.036 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 91

Delta R.T. 0.012 min

Lab File: VX038175.D

Acq: 09 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

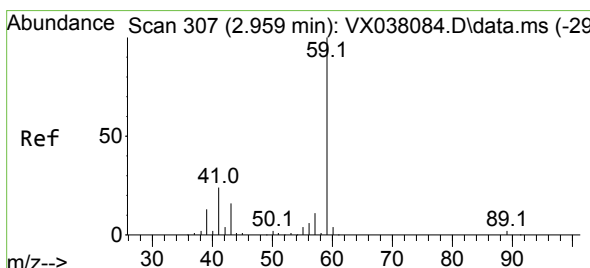
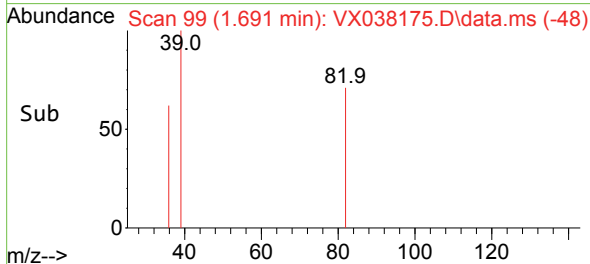
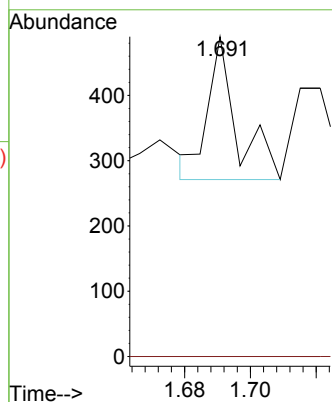
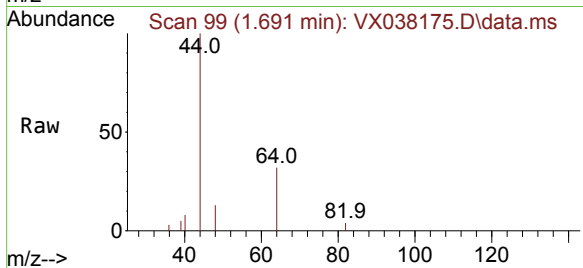
MW-2A

Tgt Ion: 64 Resp: 133

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.209 min Scan# 348

Delta R.T. 0.250 min

Lab File: VX038175.D

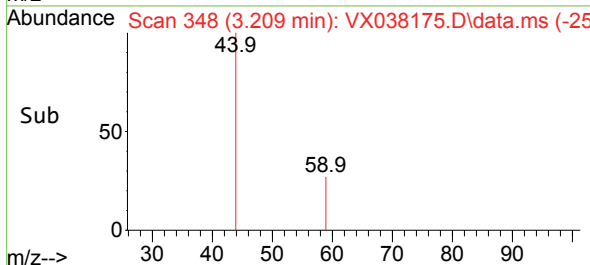
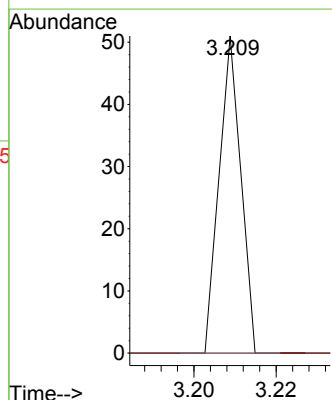
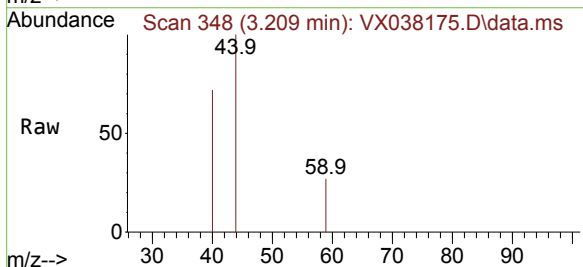
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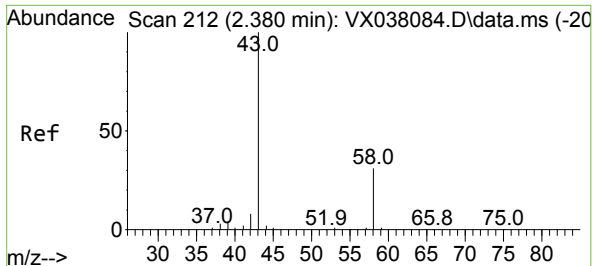
Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

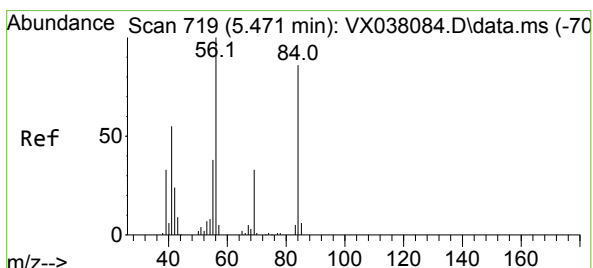
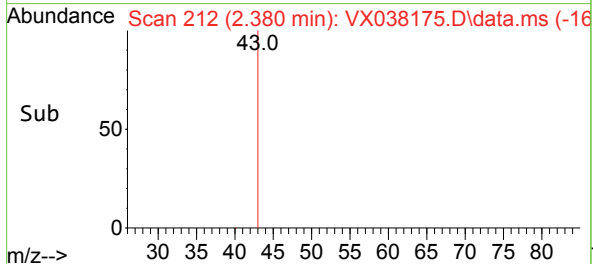
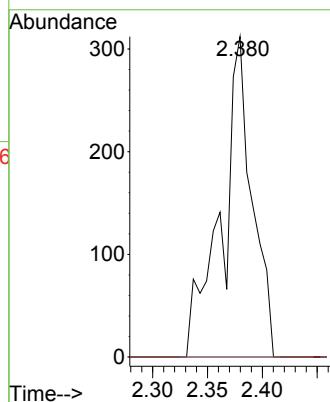
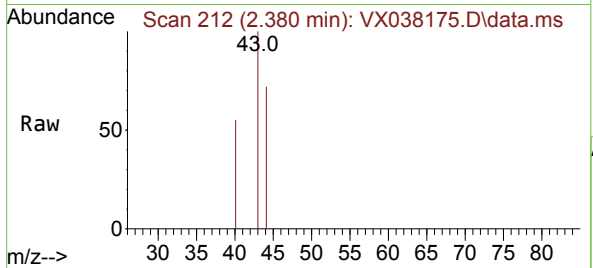




#16
Acetone
Concen: 0.846 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

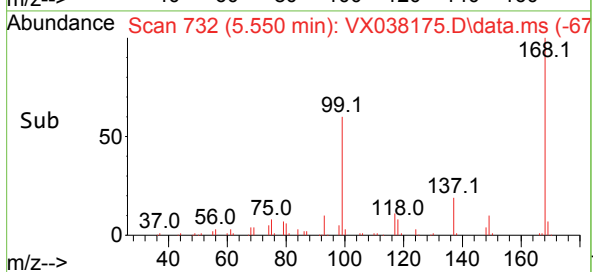
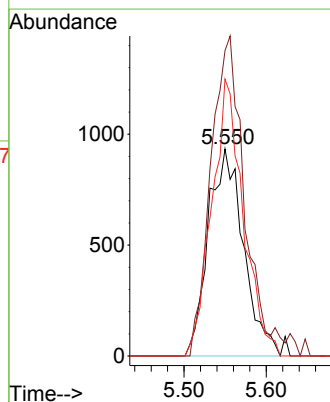
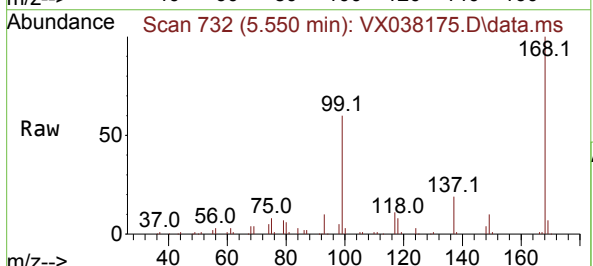
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

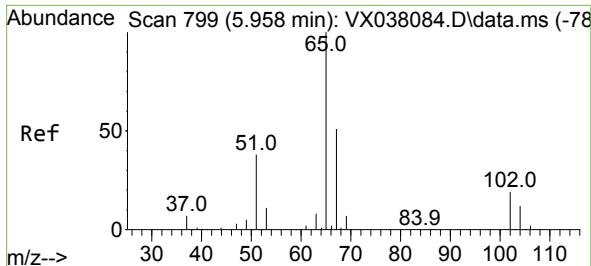
Tgt Ion: 43 Resp: 602
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#31
Cyclohexane
Concen: 1.504 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

Tgt Ion: 56 Resp: 2778
Ion Ratio Lower Upper
56 100
69 147.4 23.4 35.2#
84 133.6 65.9 98.9#

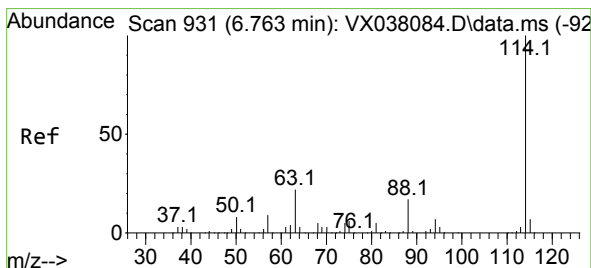
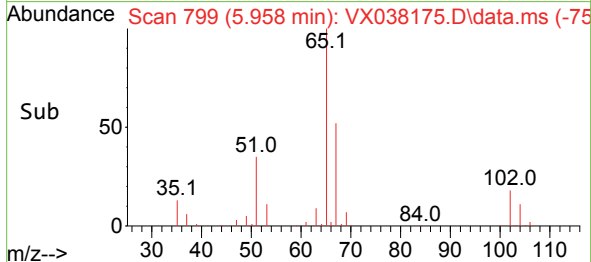
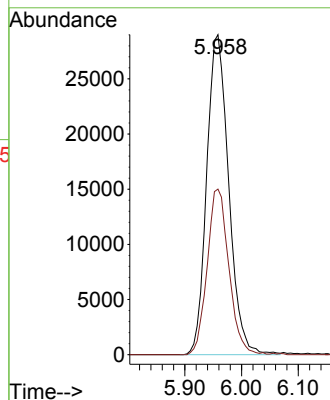
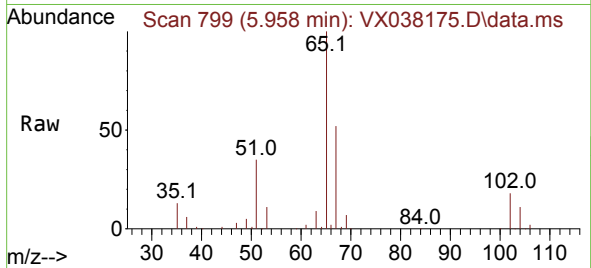




#33
 1,2-Dichloroethane-d4
 Concen: 45.894 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038175.D
 Acq: 09 Oct 2023 16:33

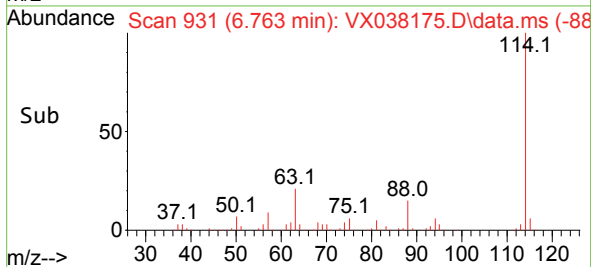
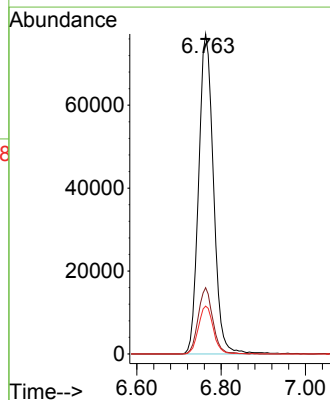
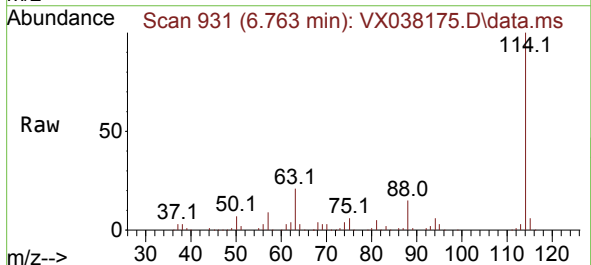
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

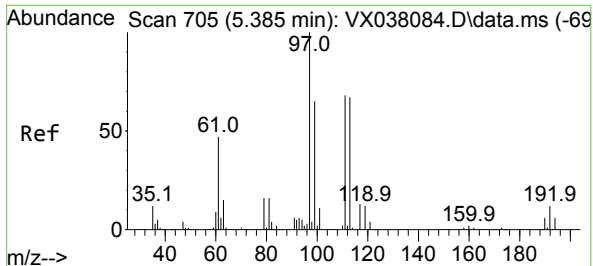
Tgt Ion: 65 Resp: 78233
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038175.D
 Acq: 09 Oct 2023 16:33

Tgt Ion:114 Resp: 188856
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.0
 88 15.0 0.0 36.6

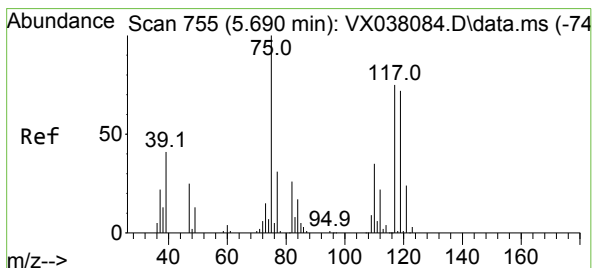
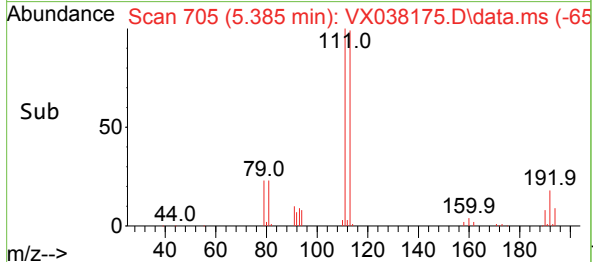
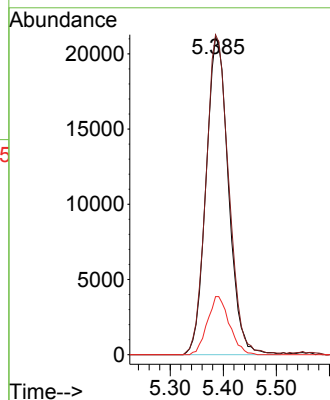
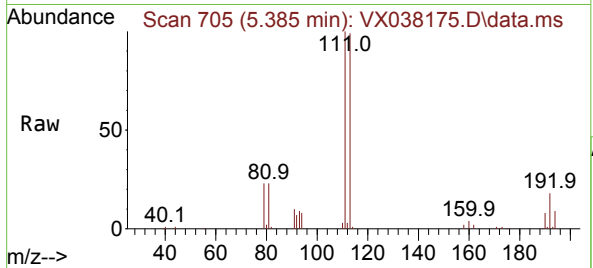




#35
Dibromofluoromethane
Concen: 45.552 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

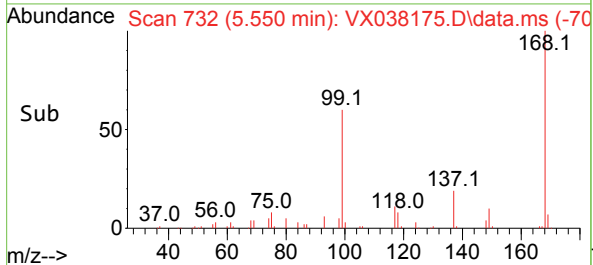
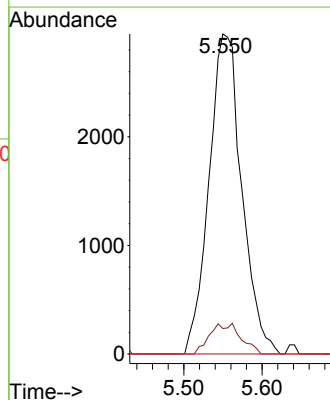
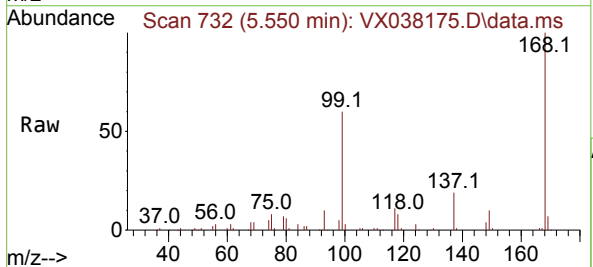
Instrument :
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ClientSampleId :
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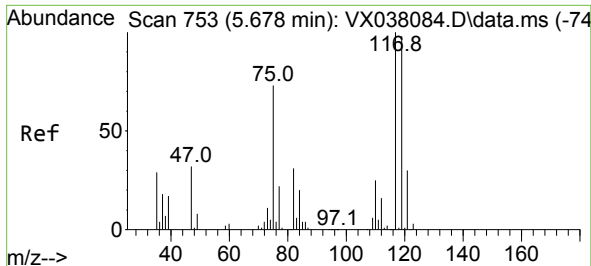
Tgt Ion:113 Resp: 61989
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.565 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

Tgt Ion: 75 Resp: 8567
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#

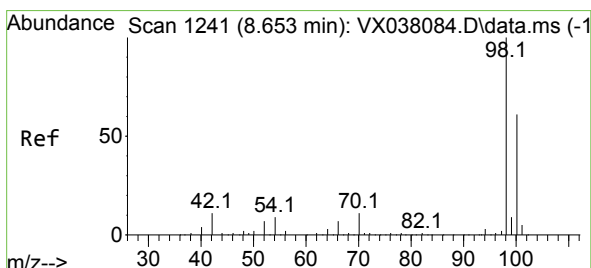
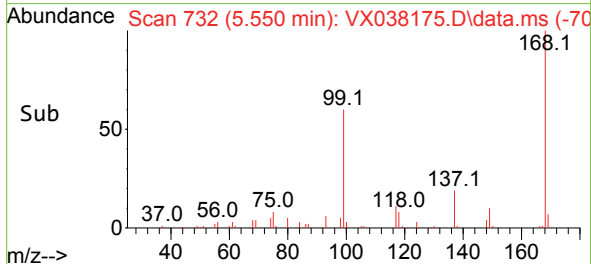
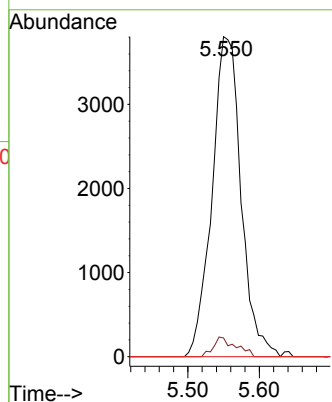
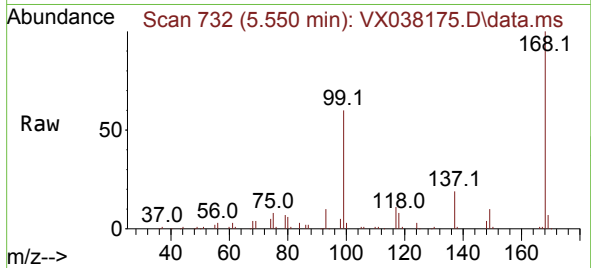




#38
Carbon Tetrachloride
Concen: 5.810 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

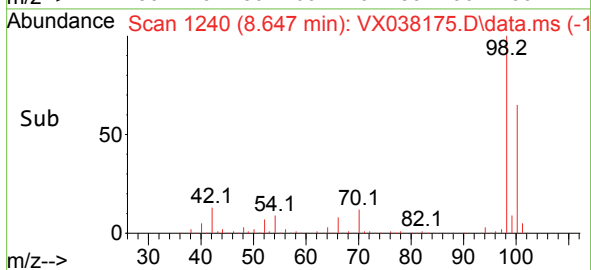
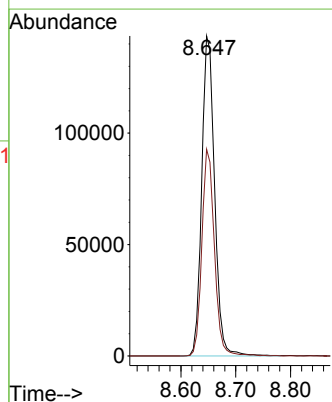
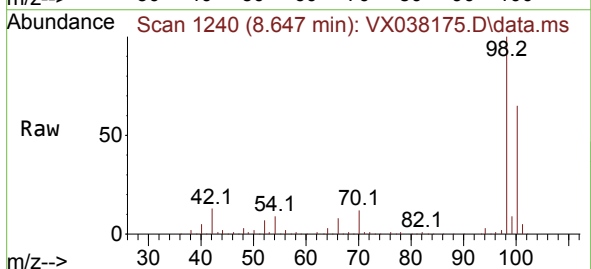
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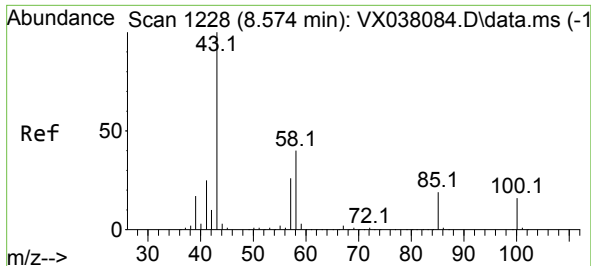
Tgt Ion:117 Resp: 10725
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.010 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

Tgt Ion: 98 Resp: 234052
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

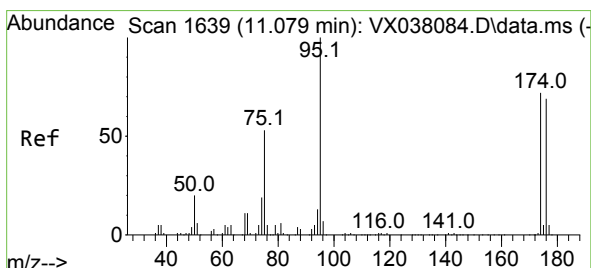
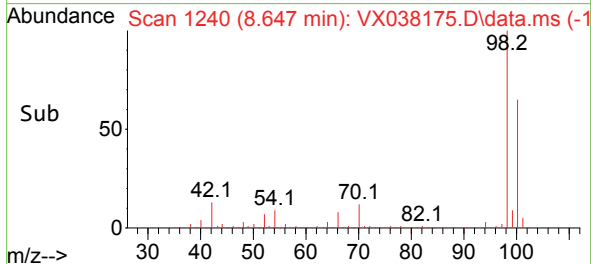
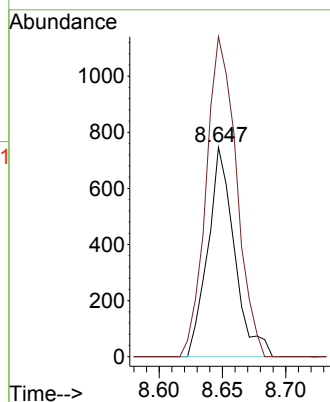
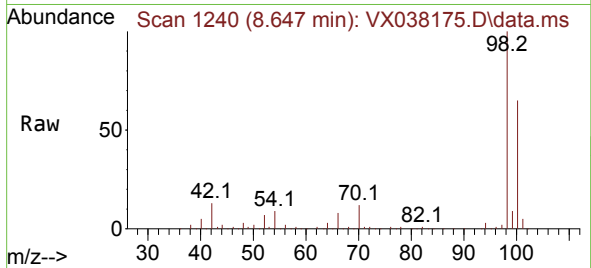




#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

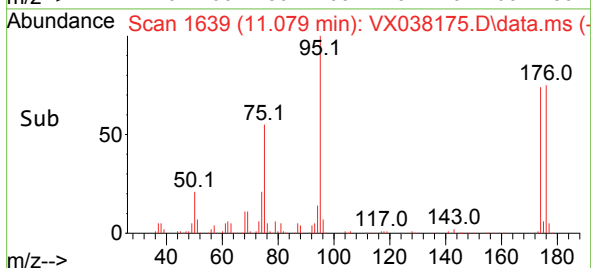
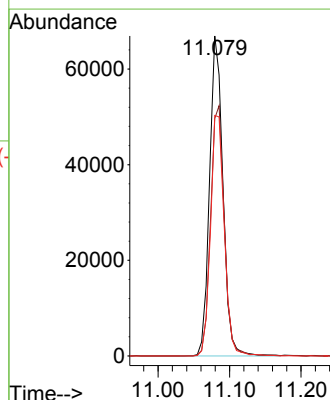
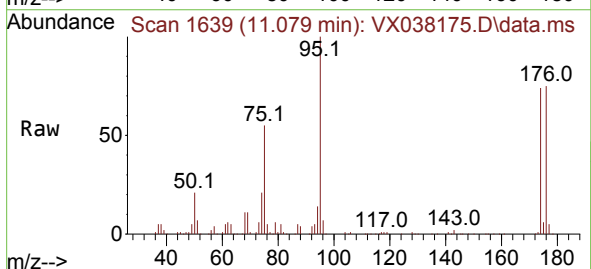
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

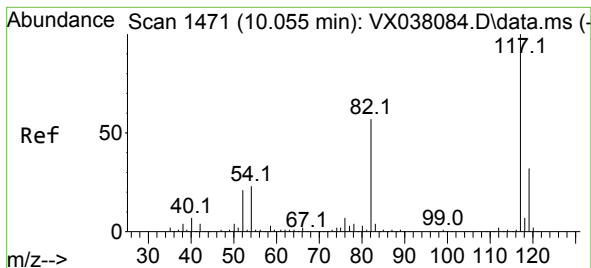
Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 174.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

Tgt Ion: 95 Resp: 86966
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 77.5 0.0 131.0

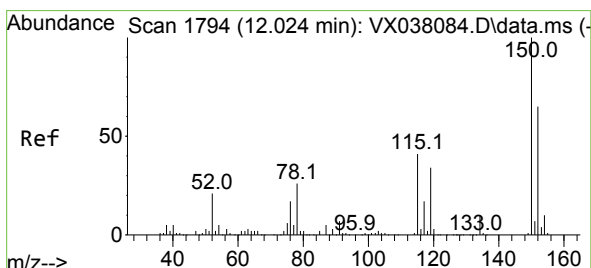
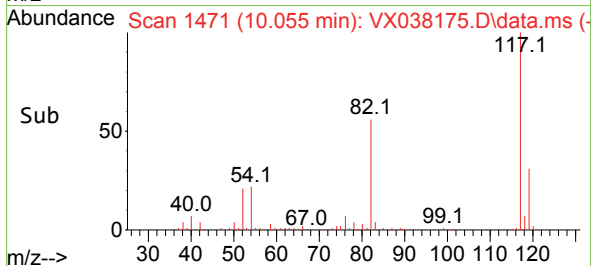
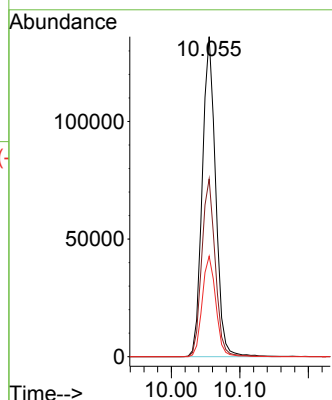
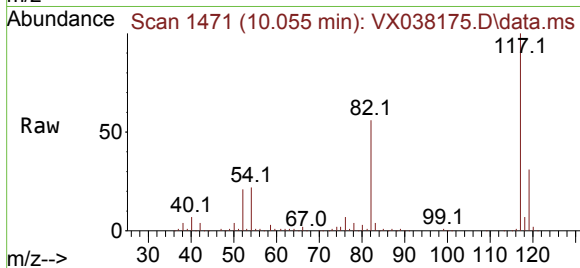




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

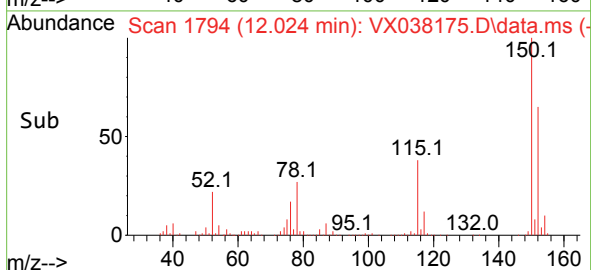
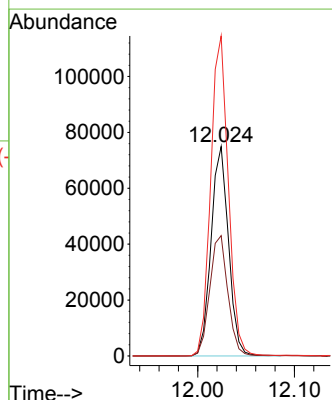
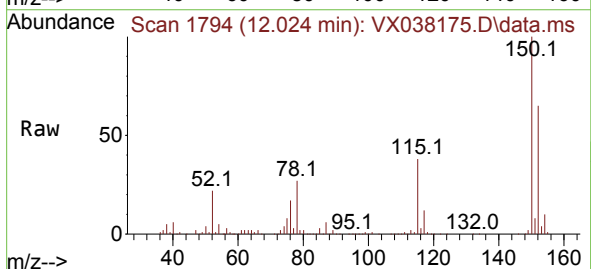
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MSVOA_X
ClientSampleId :
MW-2A

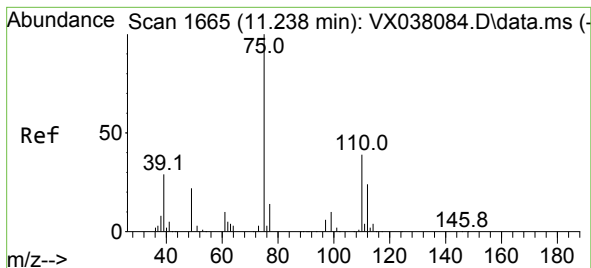
Tgt Ion:117 Resp: 184960
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038175.D
Acq: 09 Oct 2023 16:33

Tgt Ion:152 Resp: 93952
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 154.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.720 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038175.D

Acq: 09 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

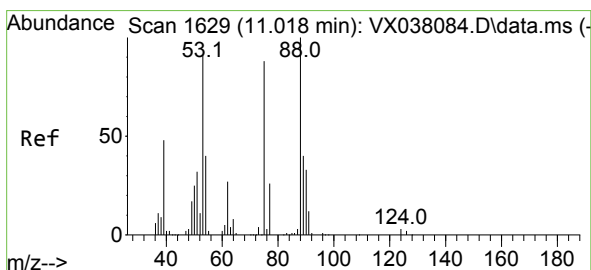
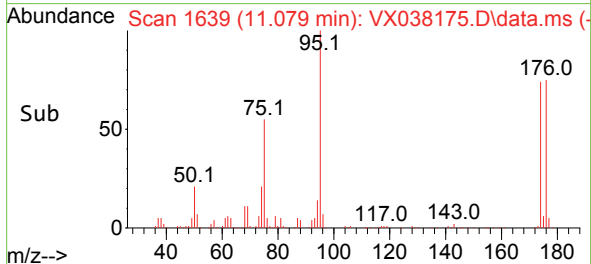
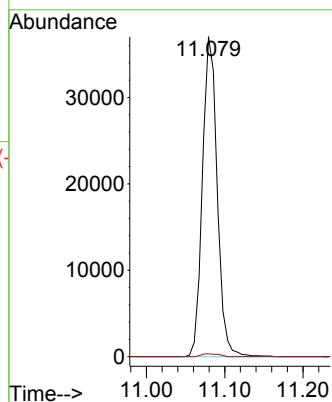
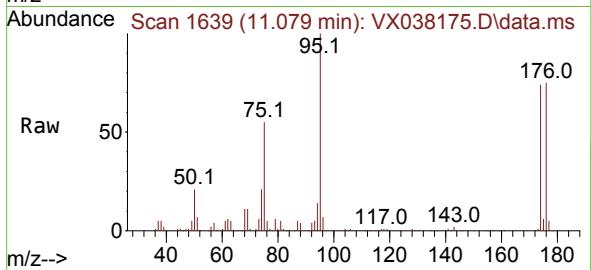
MW-2A

Tgt Ion: 75 Resp: 48527

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.023 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038175.D

Acq: 09 Oct 2023 16:33

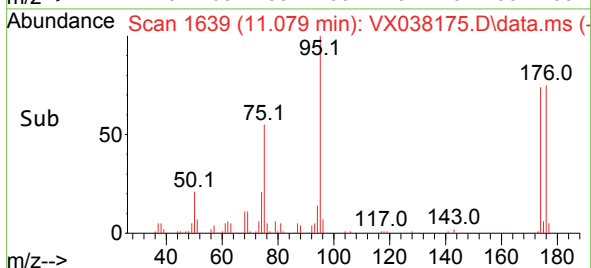
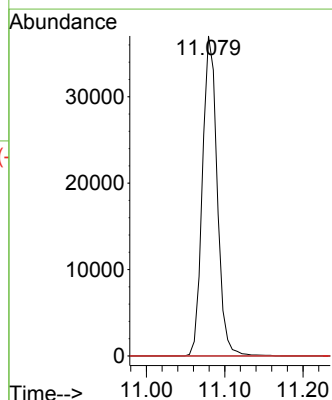
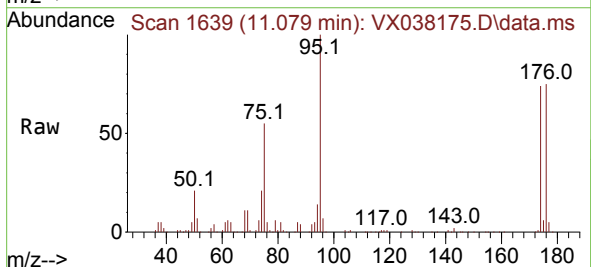
Tgt Ion: 75 Resp: 48527

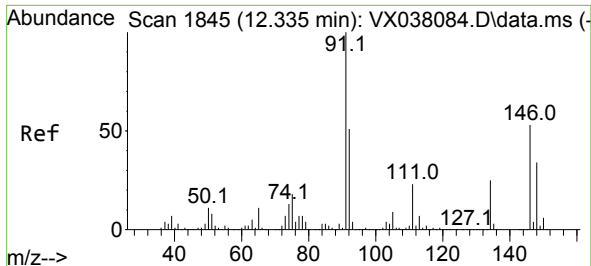
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#91

1,2-Dichlorobenzene

Concen: 0.243 ug/l

RT: 12.341 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038175.D

Acq: 09 Oct 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

Tgt Ion:146 Resp: 722

Ion Ratio Lower Upper

146 100

111 51.4 22.4 67.0

148 64.7 31.6 95.0

