

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038176.D
 Acq On : 09 Oct 2023 16:56
 Operator : JC/MD
 Sample : 04724-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Oct 10 00:58:56 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	103770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89169	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78071	46.775	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.560%
35) Dibromofluoromethane	5.391	113	61094	46.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.840%
50) Toluene-d8	8.647	98	227938	45.326	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.660%#
62) 4-Bromofluorobenzene	11.079	95	83650	43.877	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.760%

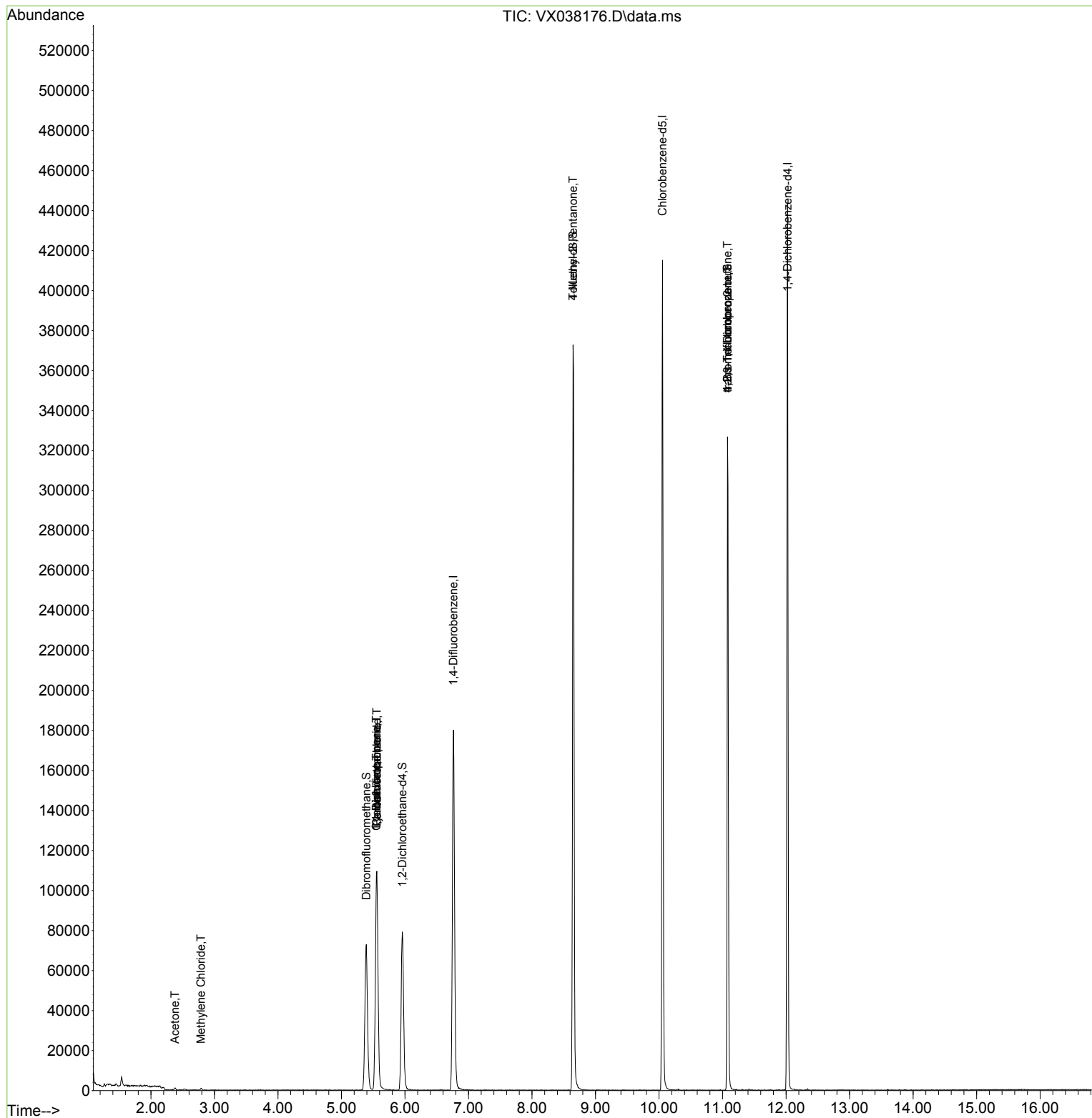
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.703	94	19	Below Cal	#	3
6) Chloroethane	1.691	64	155	Below Cal	#	43
16) Acetone	2.379	43	1258	1.806	ug/l #	85
20) Methylene Chloride	2.788	84	328	0.250	ug/l #	82
31) Cyclohexane	5.550	56	2683	1.484	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	8718	4.804	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10444	5.850	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1062	0.479	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47758	23.559	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	47758	67.276	ug/l #	5

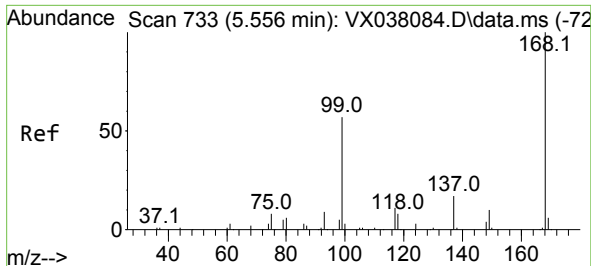
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 10 00:58:56 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

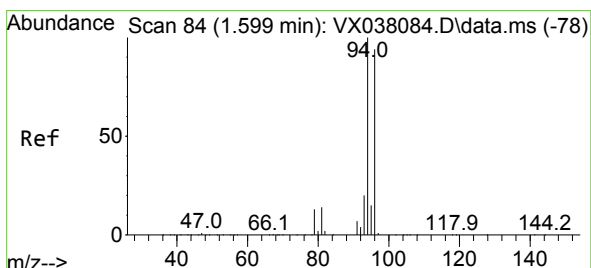
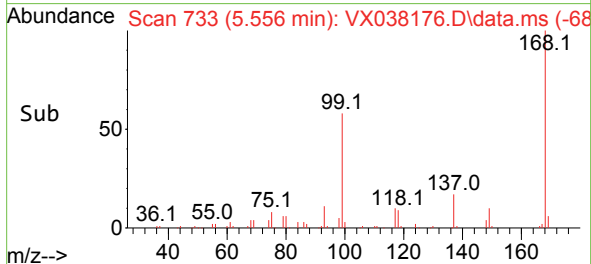
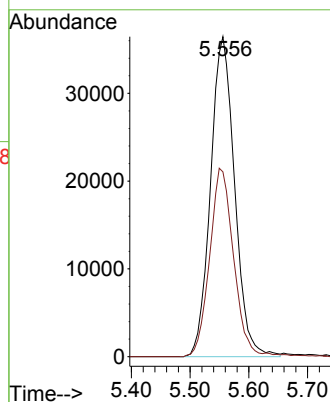
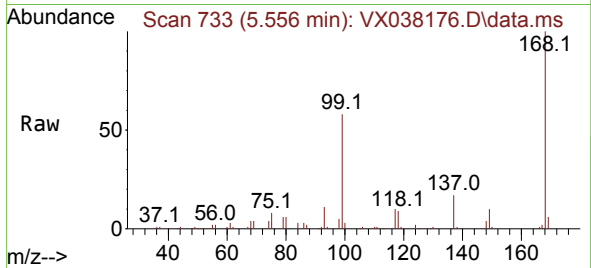




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

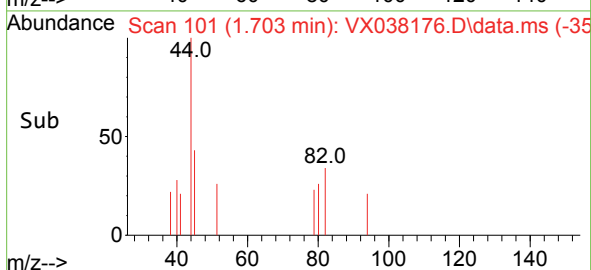
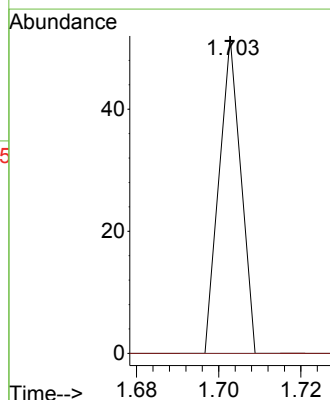
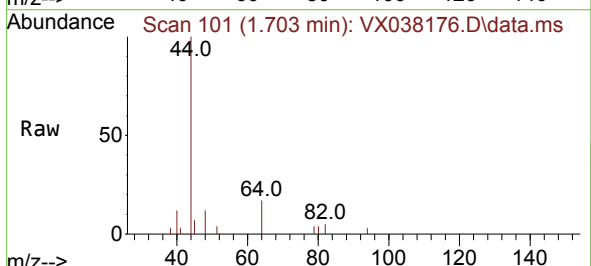
Instrument :
MSVOA_X
ClientSampleId :
MW-2

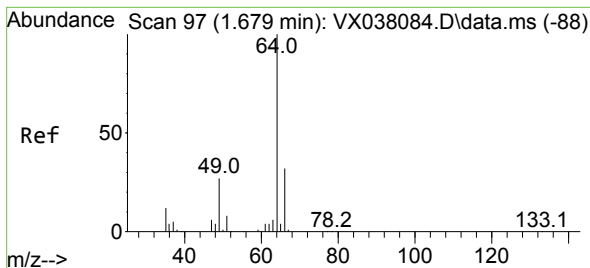
Tgt Ion:168 Resp: 103770
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.104 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

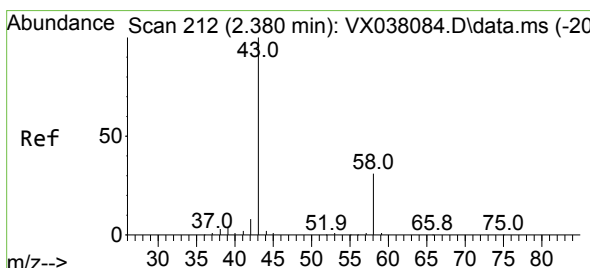
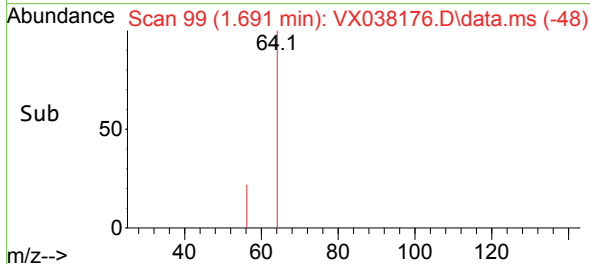
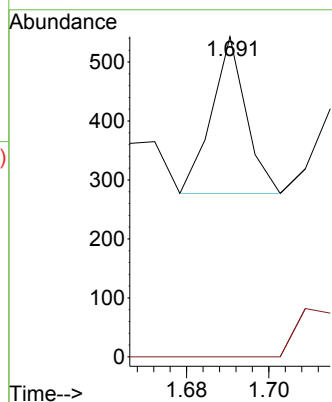
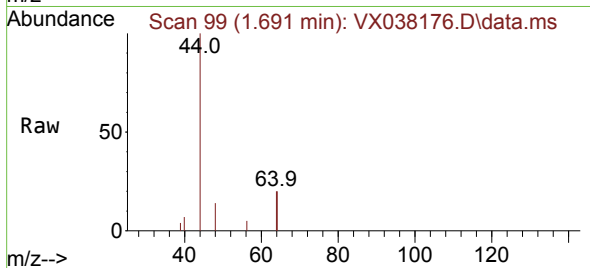




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

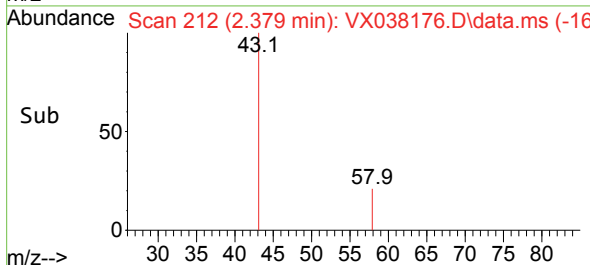
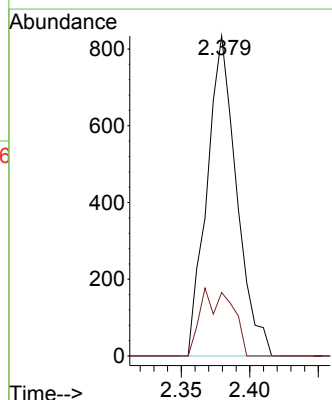
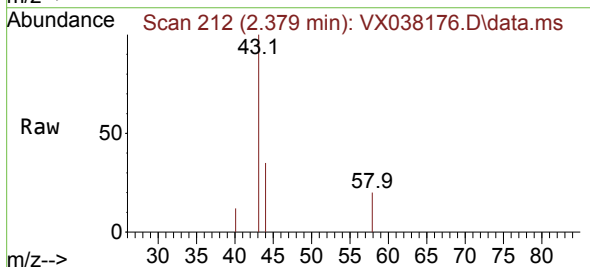
Instrument :
MSVOA_X
ClientSampleId :
MW-2

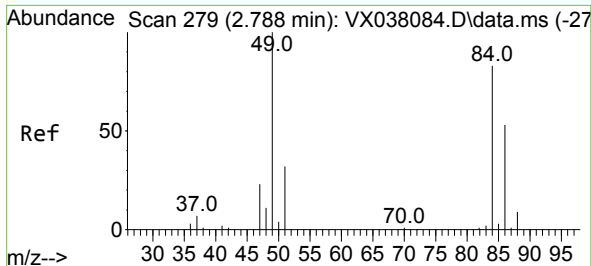
Tgt Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.806 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
58 19.8 21.9 32.9#

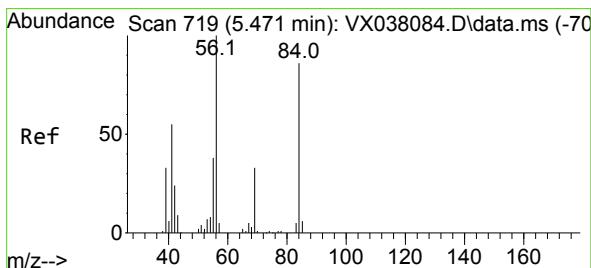
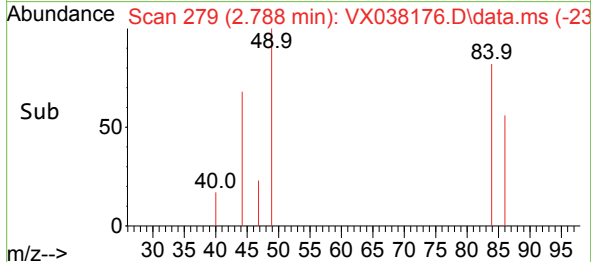
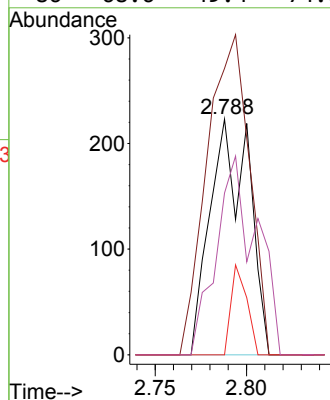
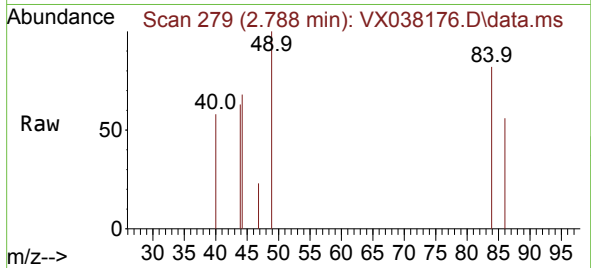




#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

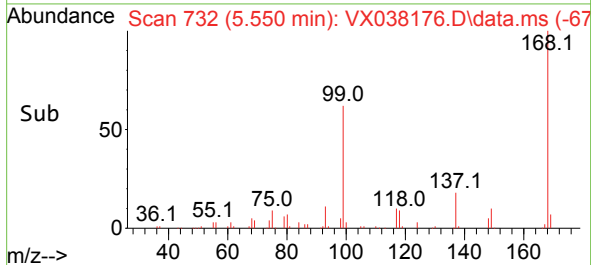
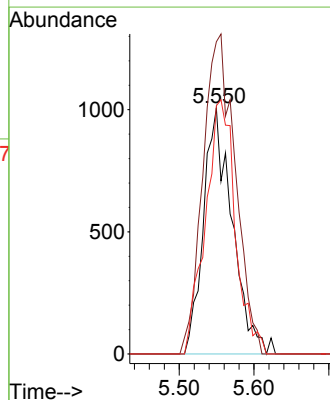
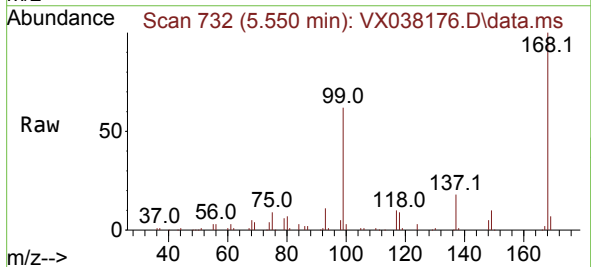
Instrument :
MSVOA_X
ClientSampleId :
MW-2

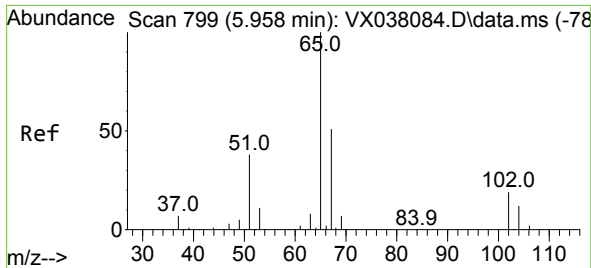
Tgt Ion:	84	Resp:	328
Ion	Ratio	Lower	Upper
84	100		
49	121.5	103.6	155.4
51	0.0	33.8	50.6#
86	68.6	49.4	74.0



#31
Cyclohexane
Concen: 1.484 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

Tgt Ion:	56	Resp:	2683
Ion	Ratio	Lower	Upper
56	100		
69	126.9	23.4	35.2#
84	100.9	65.9	98.9#

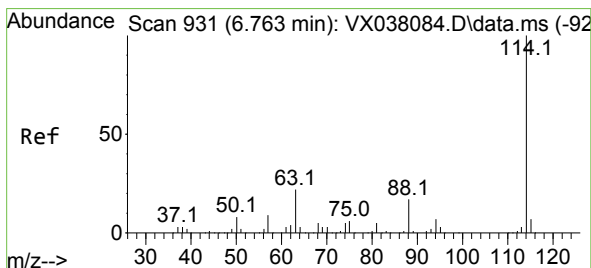
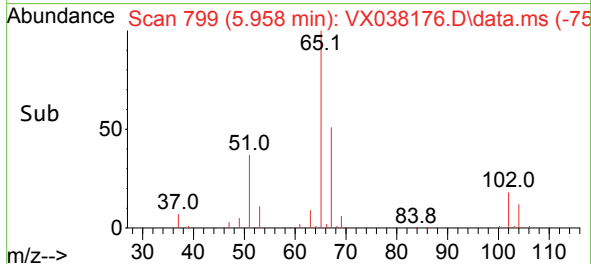
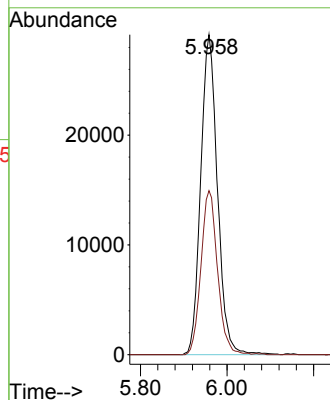
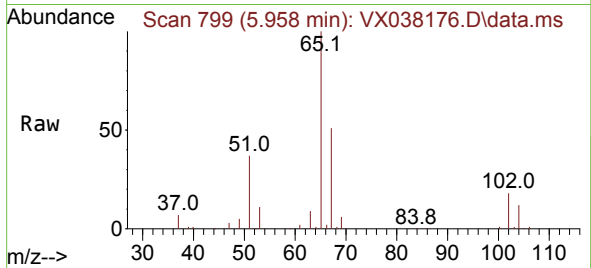




#33
 1,2-Dichloroethane-d4
 Concen: 46.775 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038176.D
 Acq: 09 Oct 2023 16:56

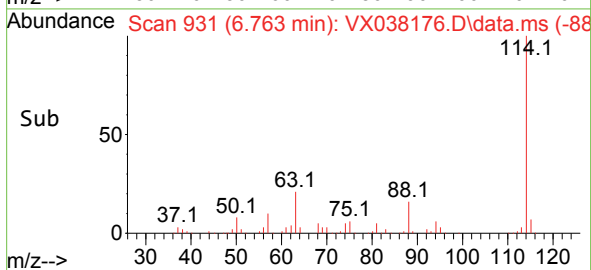
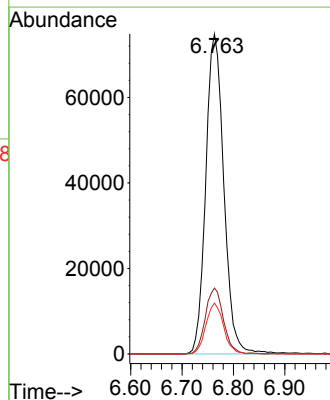
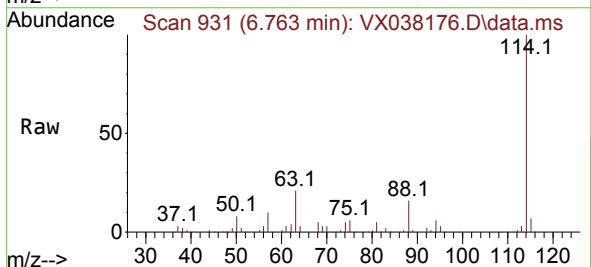
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

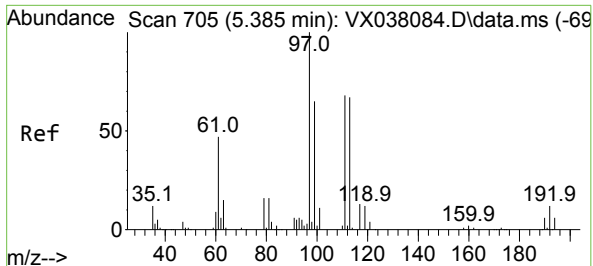
Tgt Ion: 65 Resp: 78071
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038176.D
 Acq: 09 Oct 2023 16:56

Tgt Ion:114 Resp: 182637
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 15.9 0.0 36.6

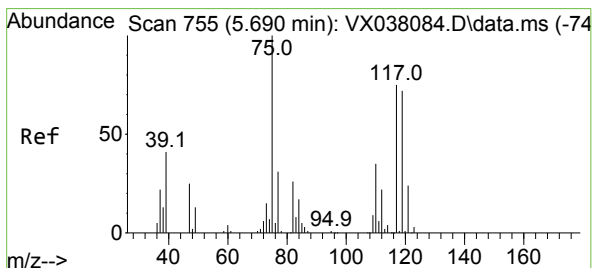
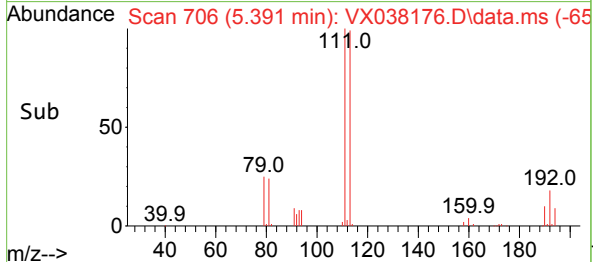
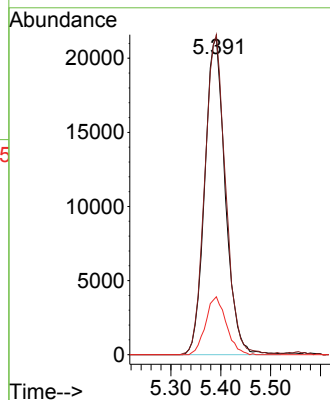
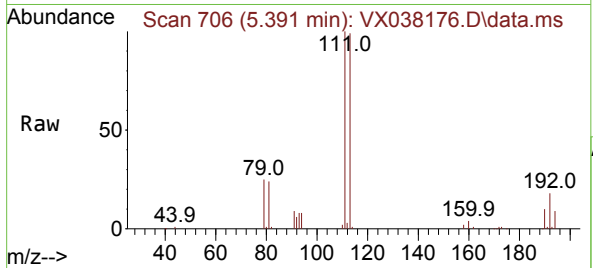




#35
Dibromofluoromethane
Concen: 46.424 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

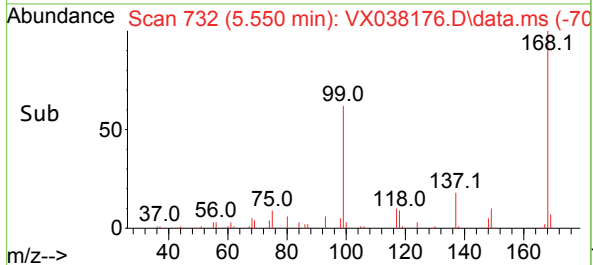
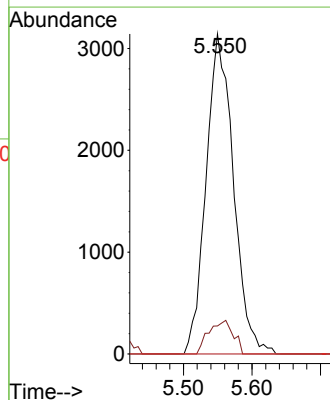
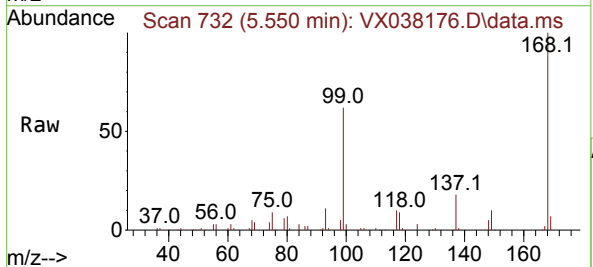
Instrument :
MSVOA_X
ClientSampleId :
MW-2

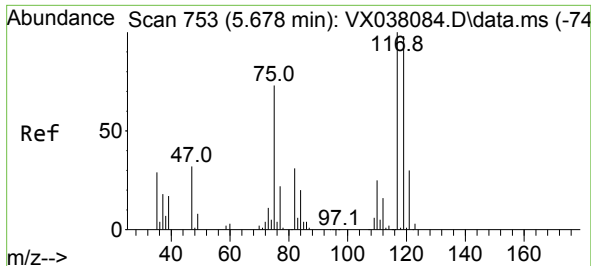
Tgt Ion:113 Resp: 61094
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

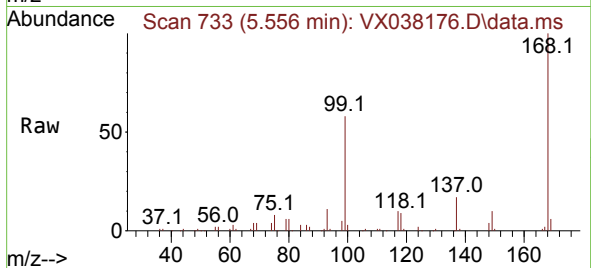
Tgt Ion: 75 Resp: 8718
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



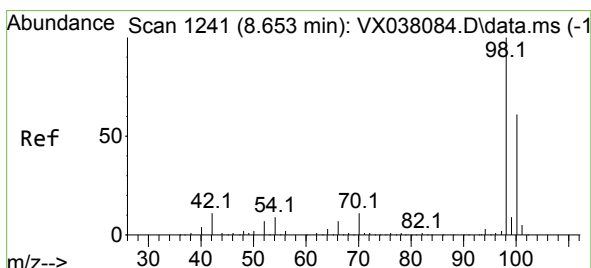
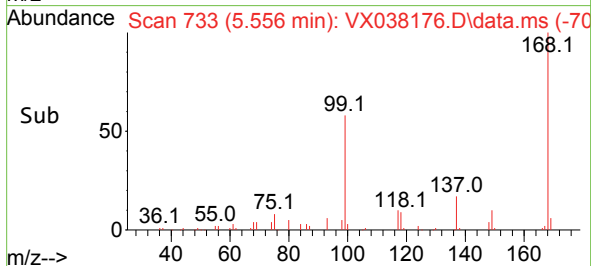
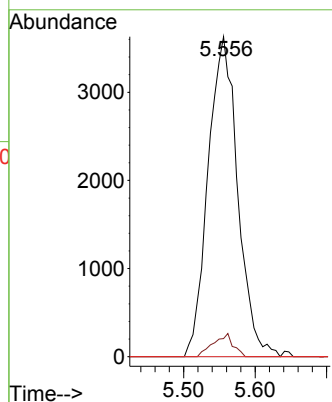


#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-2

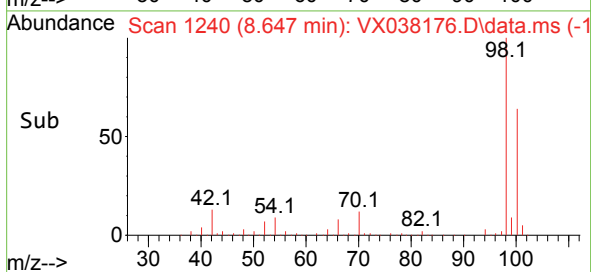
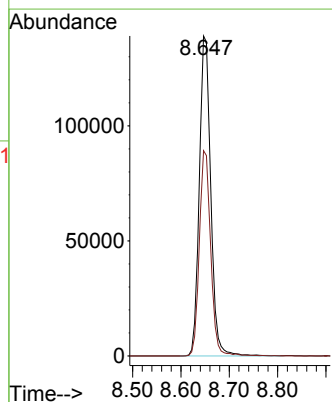
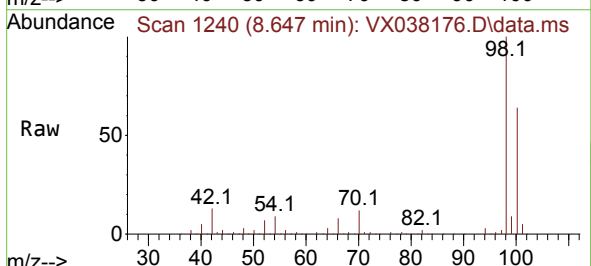


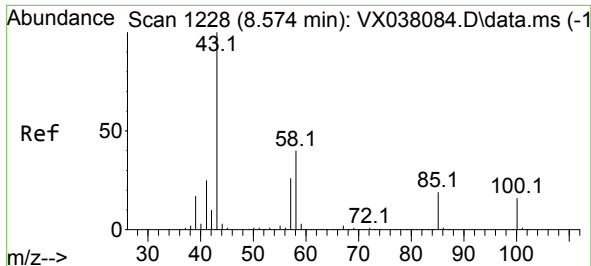
Tgt Ion:117 Resp: 10444
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.326 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 98 Resp: 227938
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

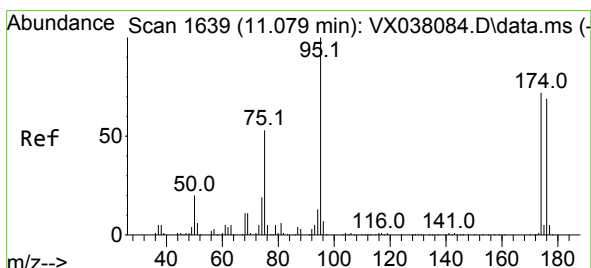
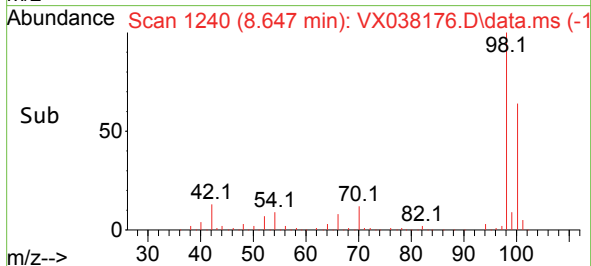
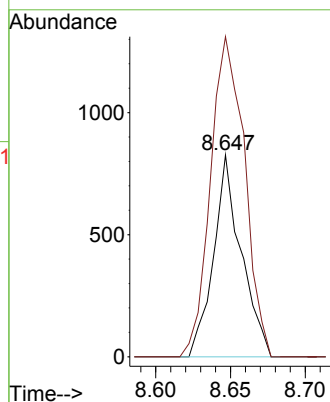
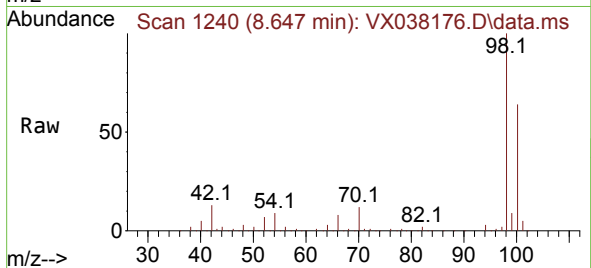




#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

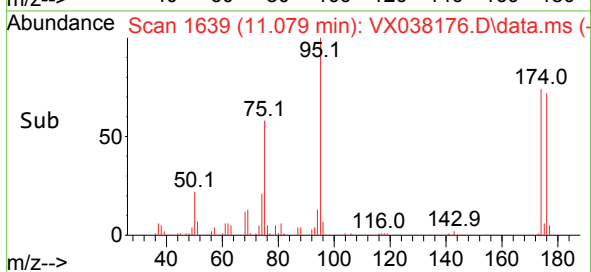
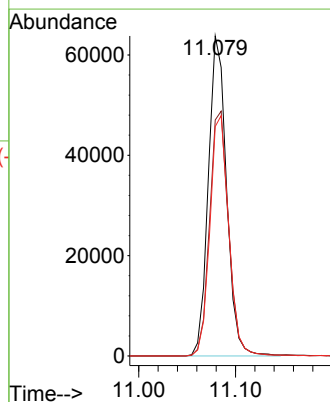
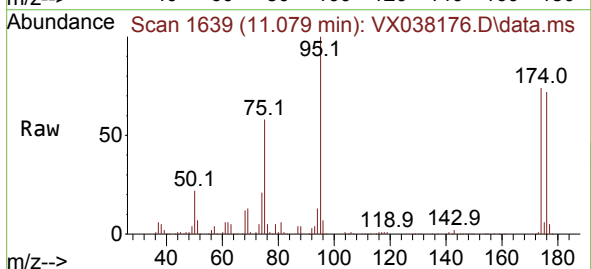
Instrument :
MSVOA_X
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MW-2

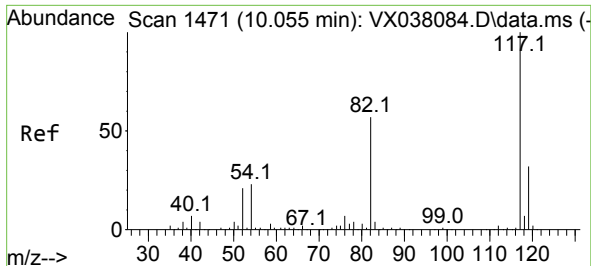
Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 195.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.877 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 95 Resp: 83650
Ion Ratio Lower Upper
95 100
174 80.1 0.0 135.6
176 77.8 0.0 131.0

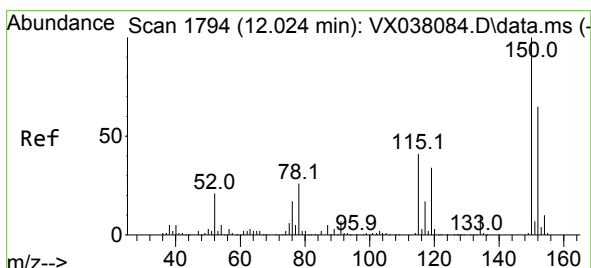
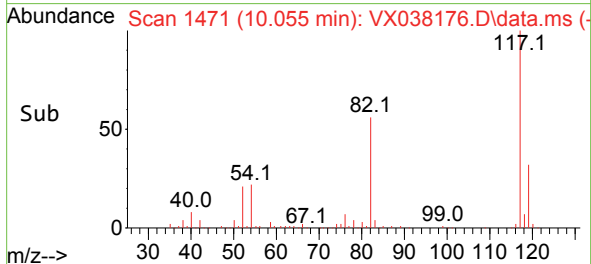
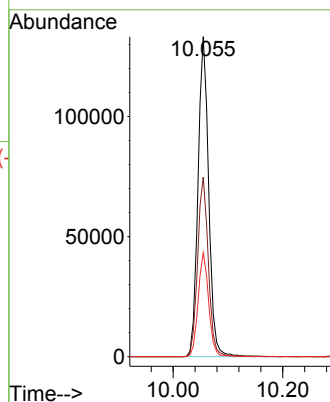
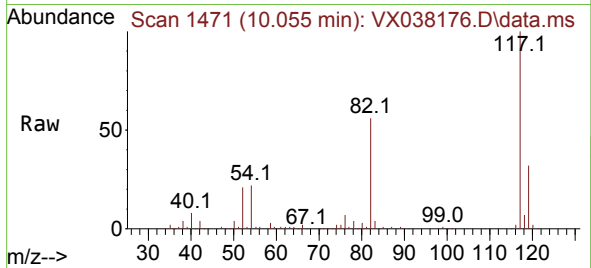




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

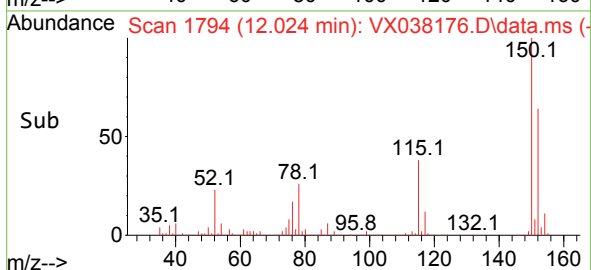
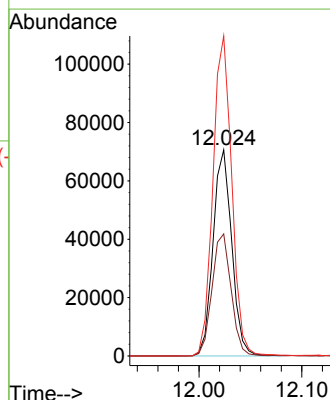
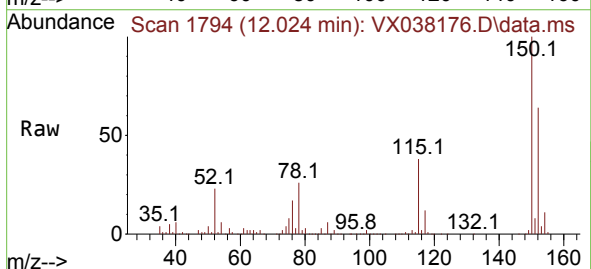
Instrument :
MSVOA_X
ClientSampleId :
MW-2

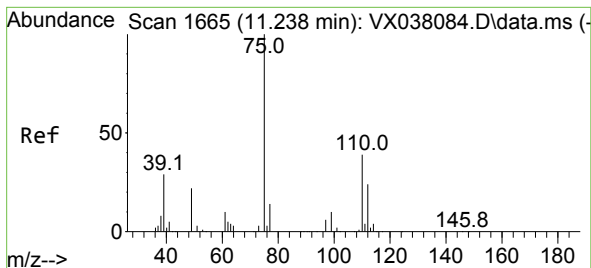
Tgt Ion:117 Resp: 180816
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038176.D
Acq: 09 Oct 2023 16:56

Tgt Ion:152 Resp: 89169
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 156.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.559 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038176.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

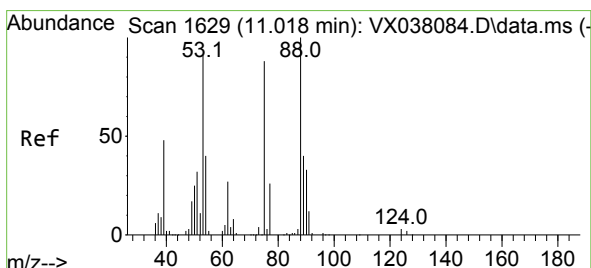
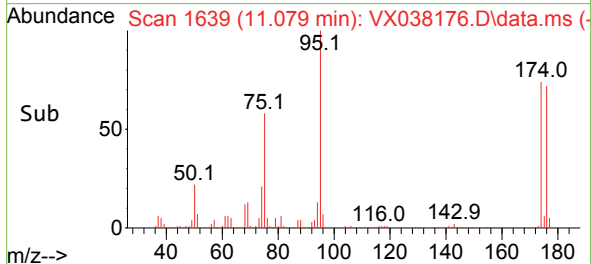
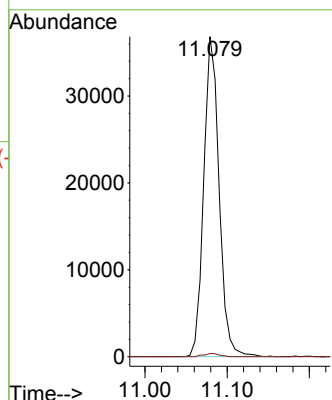
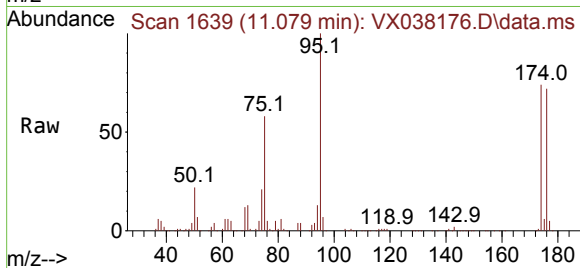
MW-2

Tgt Ion: 75 Resp: 47758

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.276 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038176.D

Acq: 09 Oct 2023 16:56

Tgt Ion: 75 Resp: 47758

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

