

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037976.D
 Acq On : 29 Sep 2023 15:23
 Operator : JC/MD
 Sample : 04656-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103D

Quant Time: Sep 29 23:06:07 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	214521	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	363671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133005	47.190	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.380%
35) Dibromofluoromethane	5.391	113	113478	46.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.260%
50) Toluene-d8	8.647	98	441610	48.843	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	164811	50.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.320%

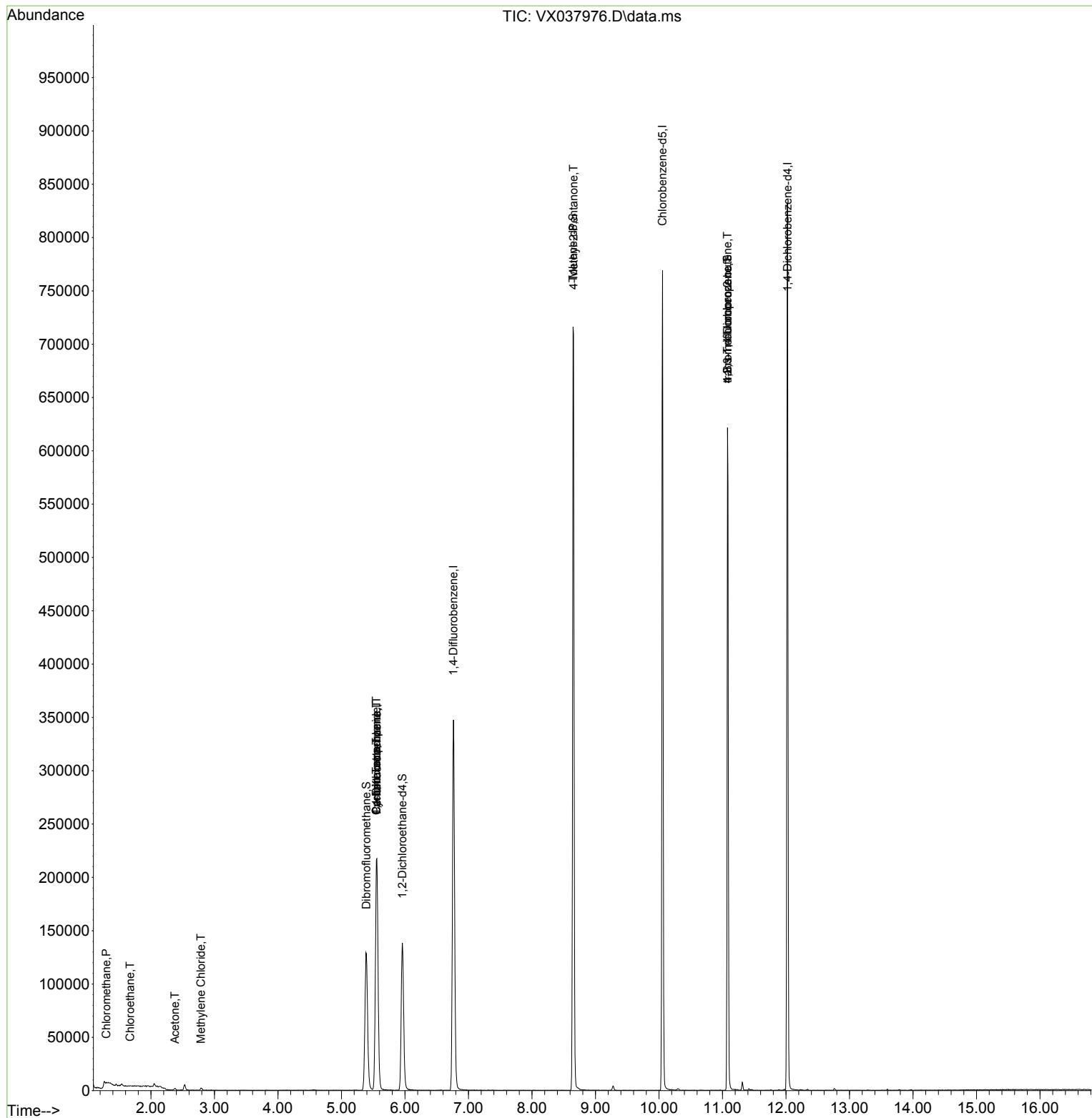
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	841	0.342	ug/l	# 43
6) Chloroethane	1.673	64	566	0.310	ug/l	# 43
16) Acetone	2.380	43	1793	1.322	ug/l	# 80
20) Methylene Chloride	2.788	84	1085	0.408	ug/l	# 76
31) Cyclohexane	5.550	56	4321	1.194	ug/l	# 14
36) 1,1-Dichloropropene	5.550	75	16156	4.820	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	21516	6.135	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.653	43	1801	0.482	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	82589	19.922	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	82589	63.819	ug/l	# 5

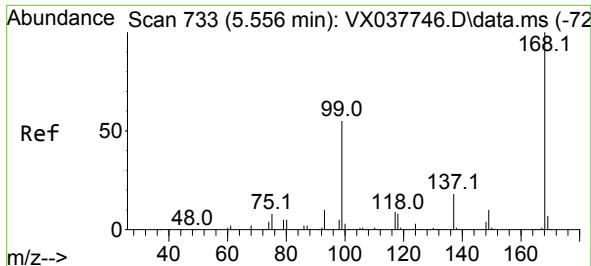
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 29 23:06:07 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

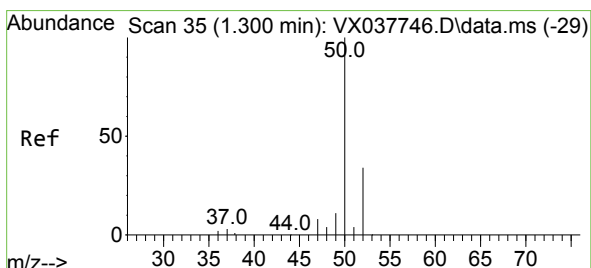
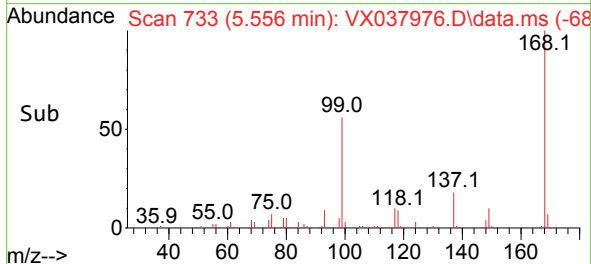
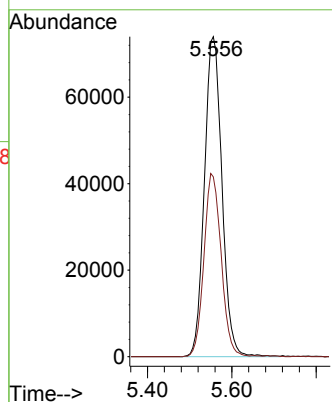
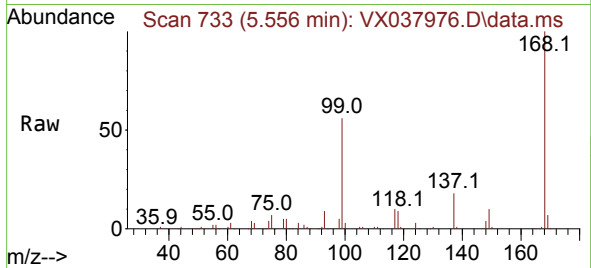




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

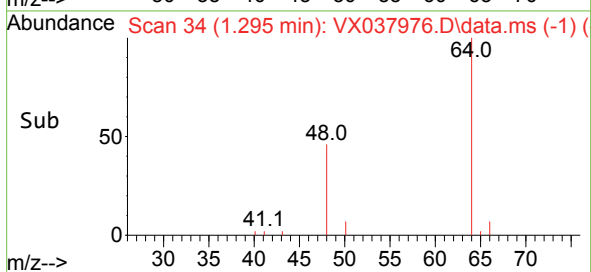
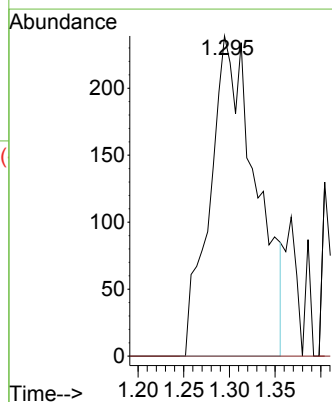
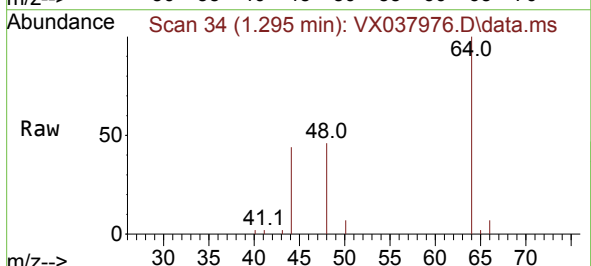
Instrument :
MSVOA_X
ClientSampleId :
MW-103D

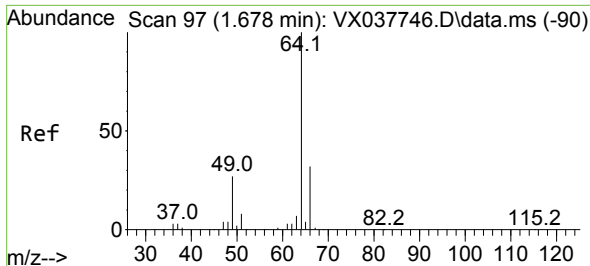
Tgt Ion:168 Resp: 214521
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#3
Chloromethane
Concen: 0.342 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

Tgt Ion: 50 Resp: 841
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

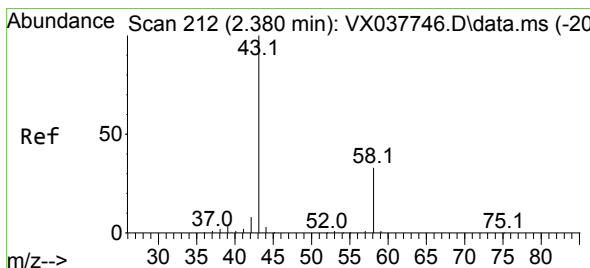
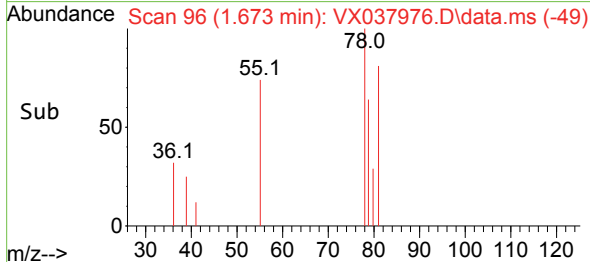
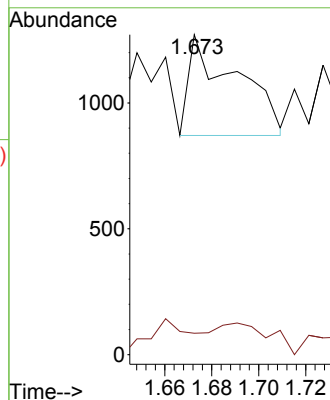
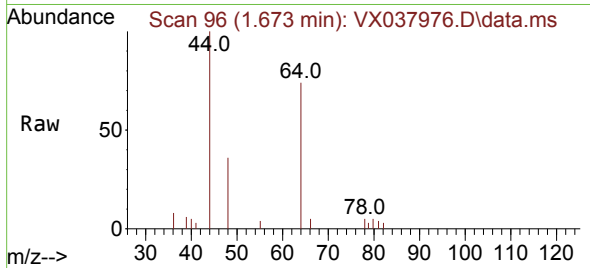




#6
Chloroethane
Concen: 0.310 ug/l
RT: 1.673 min Scan# 90
Delta R.T. -0.012 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

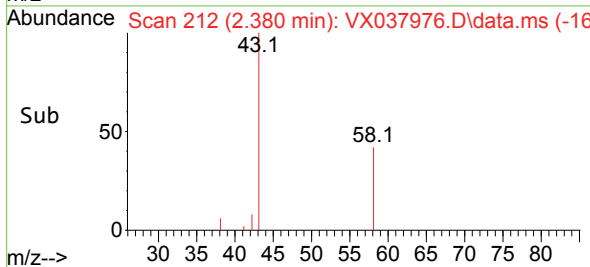
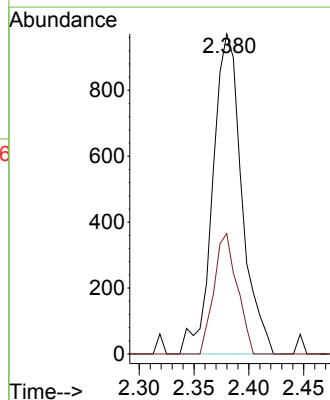
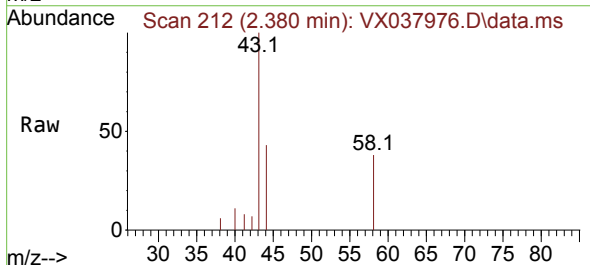
Instrument :
MSVOA_X
ClientSampleId :
MW-103D

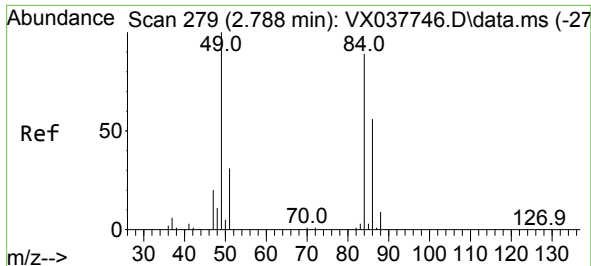
Tgt Ion: 64 Resp: 566
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.322 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
58 37.6 21.9 32.9#

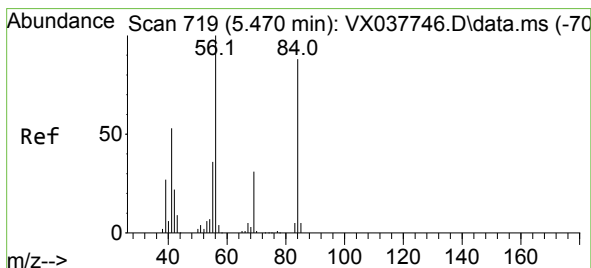
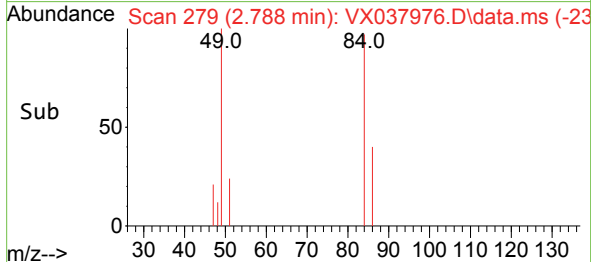
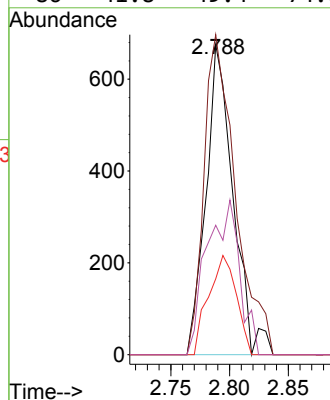
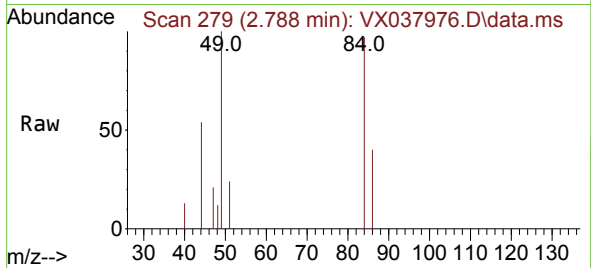




#20
Methylene Chloride
Concen: 0.408 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

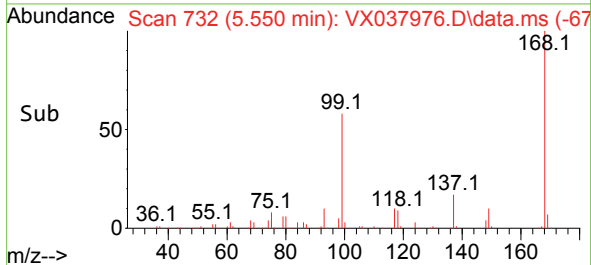
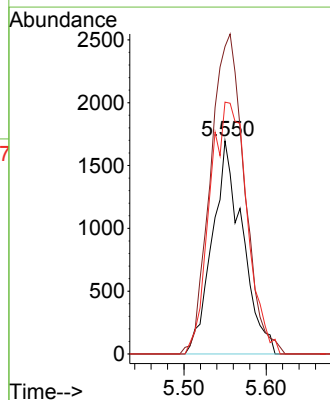
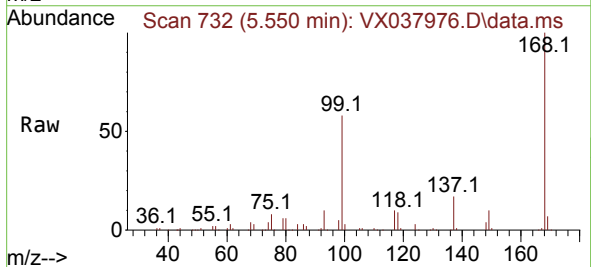
Instrument :
MSVOA_X
ClientSampleId :
MW-103D

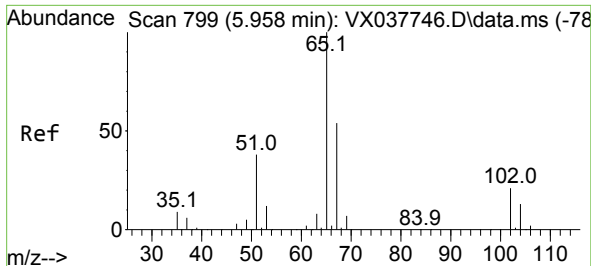
Tgt Ion:	84	Resp:	1085
Ion	Ratio	Lower	Upper
84	100		
49	103.3	103.6	155.4#
51	24.4	33.8	50.6#
86	41.8	49.4	74.0#



#31
Cyclohexane
Concen: 1.194 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

Tgt Ion:	56	Resp:	4321
Ion	Ratio	Lower	Upper
56	100		
69	144.2	23.4	35.2#
84	118.2	65.9	98.9#

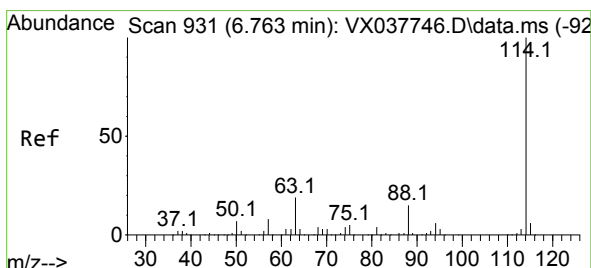
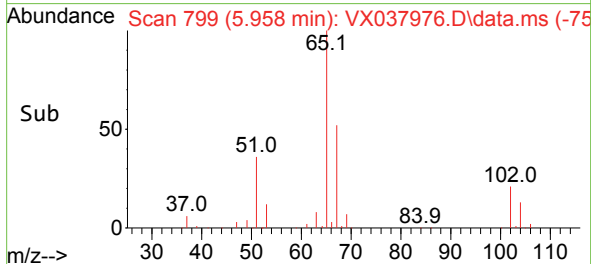
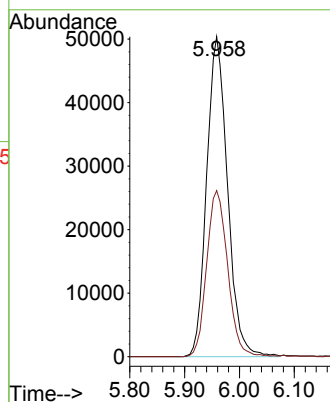
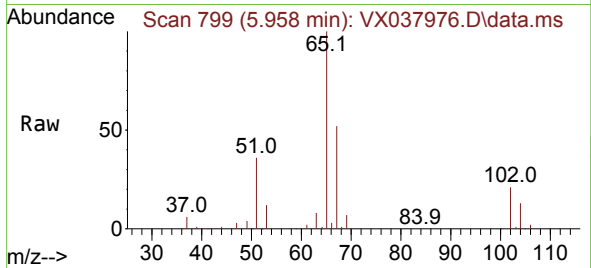




#33
1,2-Dichloroethane-d4
Concen: 47.190 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

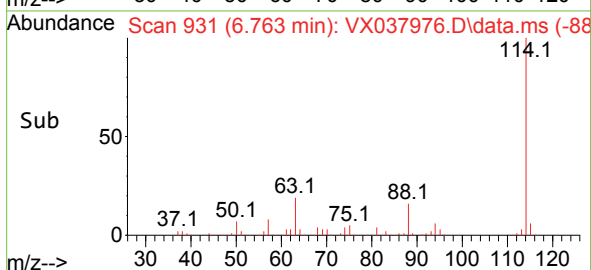
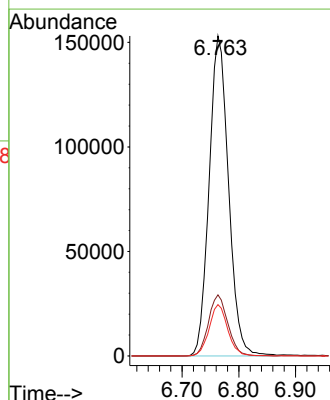
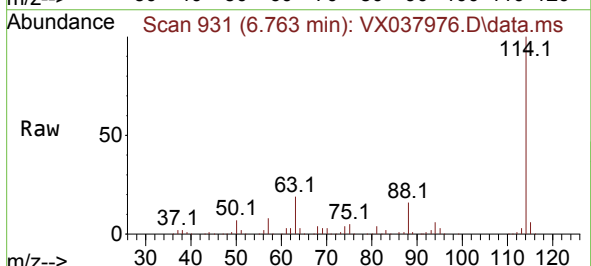
Instrument :
MSVOA_X
ClientSampleId :
MW-103D

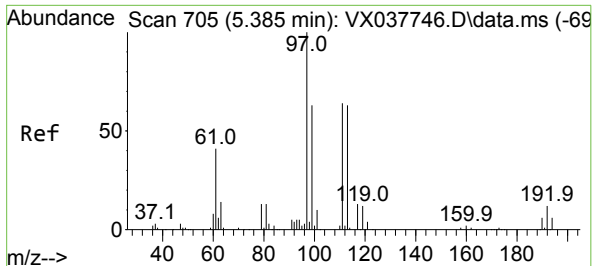
Tgt Ion: 65 Resp: 133005
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

Tgt Ion: 114 Resp: 363671
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.635 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037976.D

Acq: 29 Sep 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103D

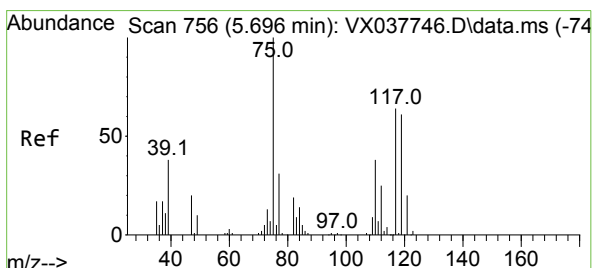
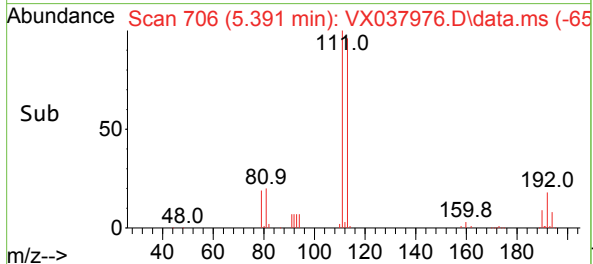
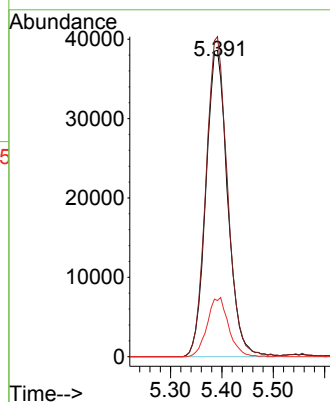
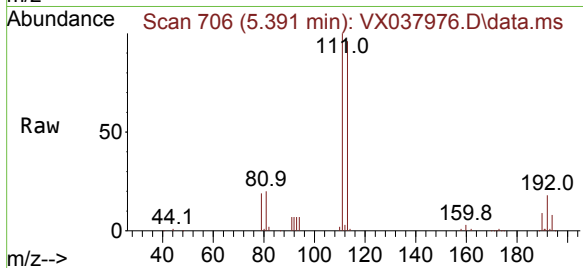
Tgt Ion:113 Resp: 113478

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

192 19.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.820 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037976.D

Acq: 29 Sep 2023 15:23

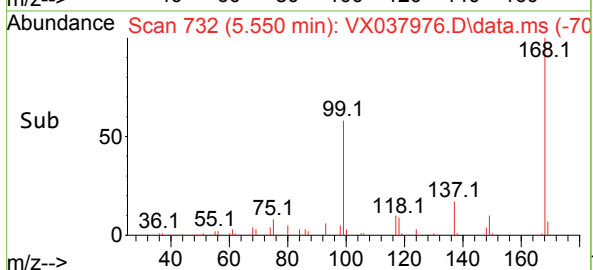
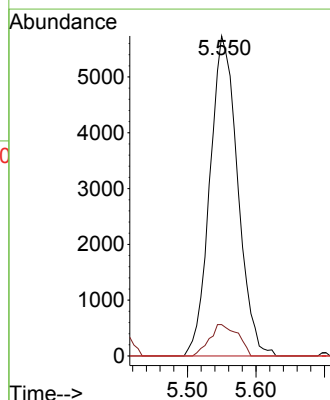
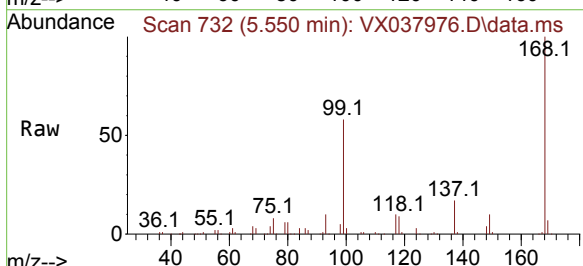
Tgt Ion: 75 Resp: 16156

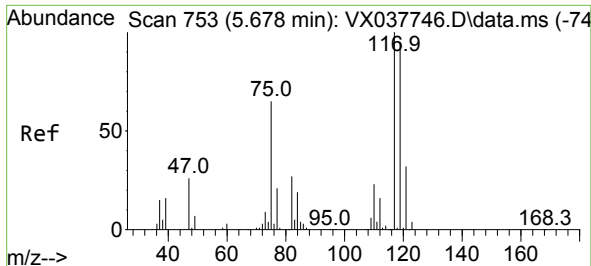
Ion Ratio Lower Upper

75 100

110 10.0 17.0 50.9#

77 0.0 24.7 37.1#

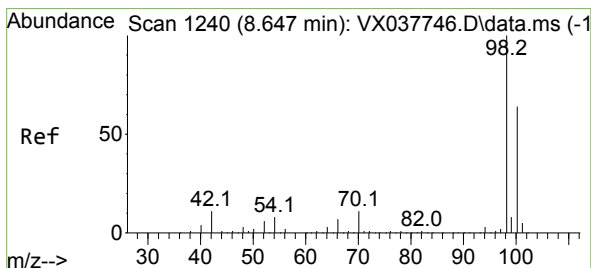
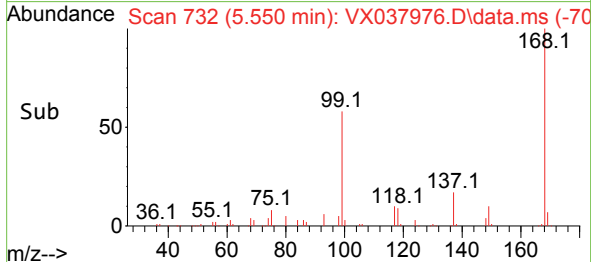
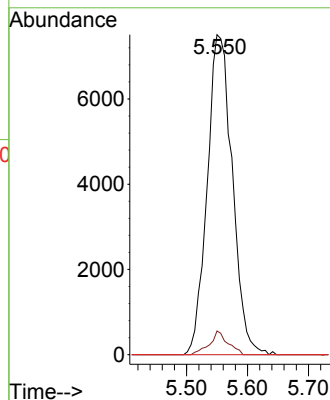
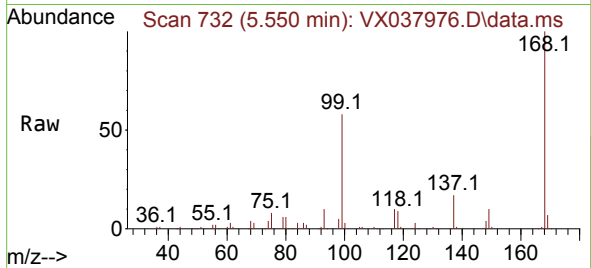




#38
Carbon Tetrachloride
Concen: 6.135 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

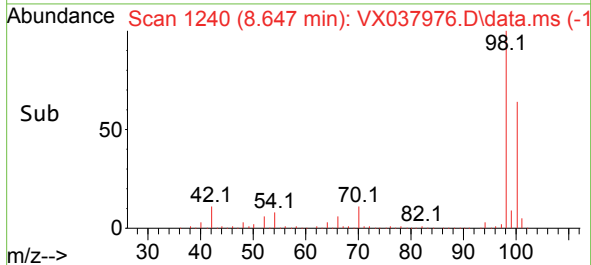
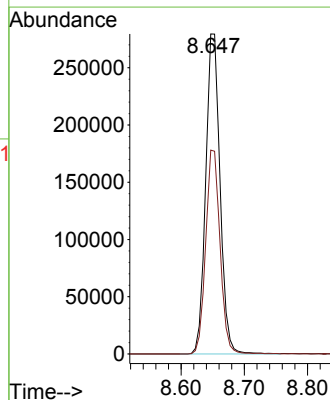
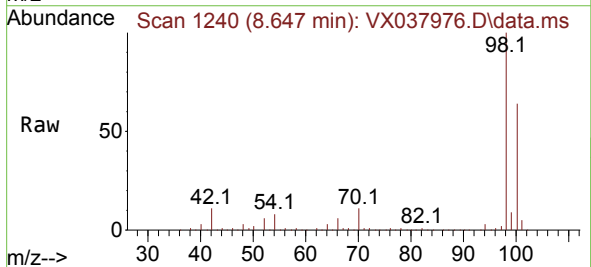
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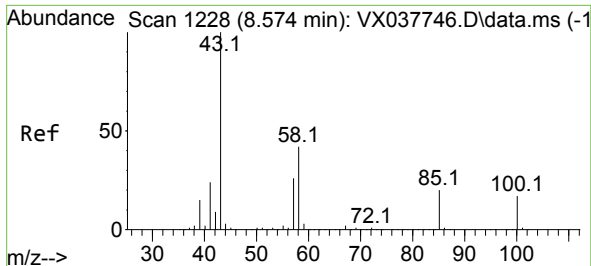
Tgt Ion:117 Resp: 21516
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.843 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

Tgt Ion: 98 Resp: 441610
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

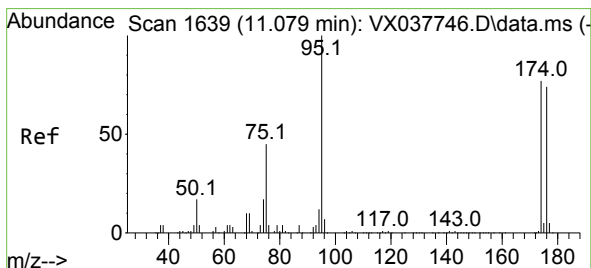
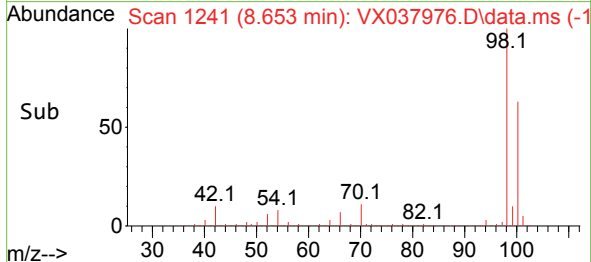
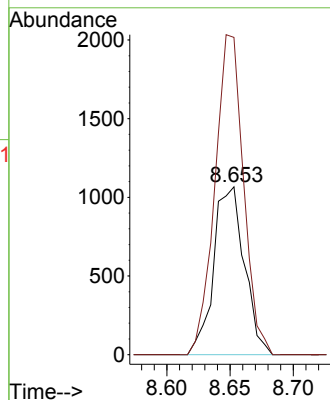
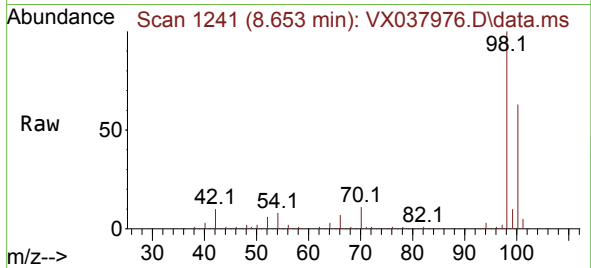




#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

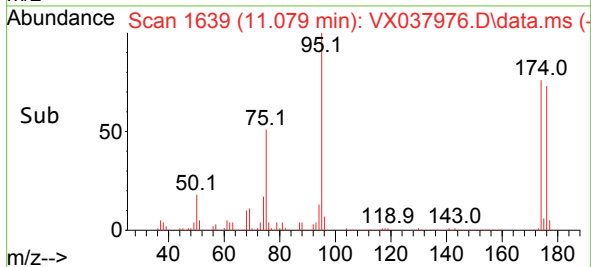
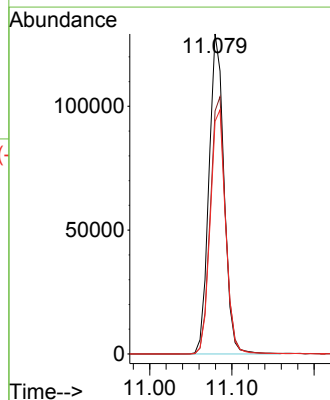
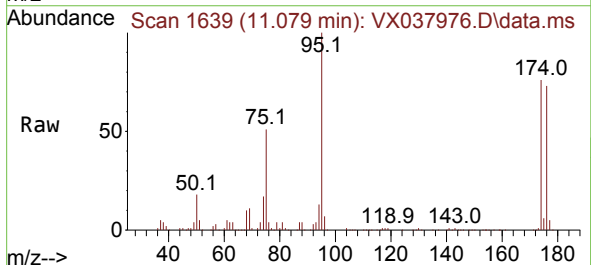
Instrument :
MSVOA_X
ClientSampleId :
MW-103D

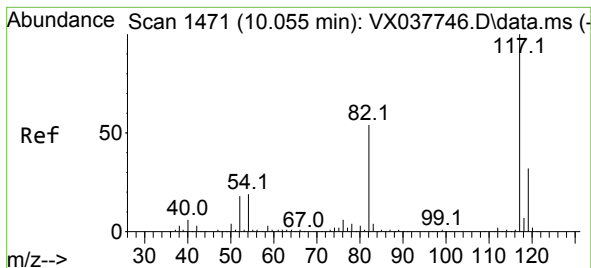
Tgt Ion: 43 Resp: 1801
Ion Ratio Lower Upper
43 100
58 177.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.164 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

Tgt Ion: 95 Resp: 164811
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 78.0 0.0 131.0

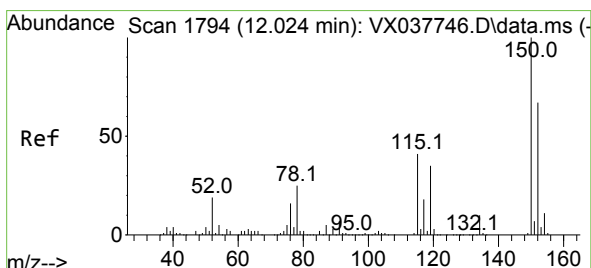
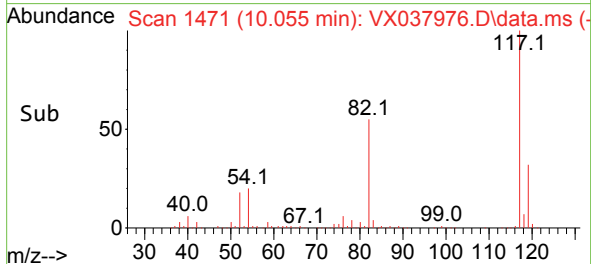
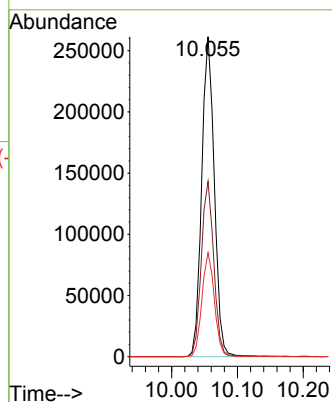
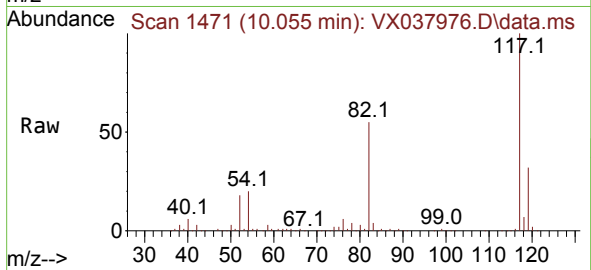




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

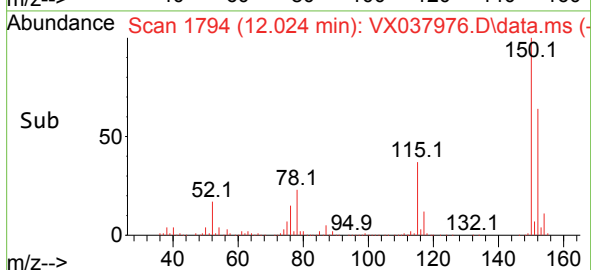
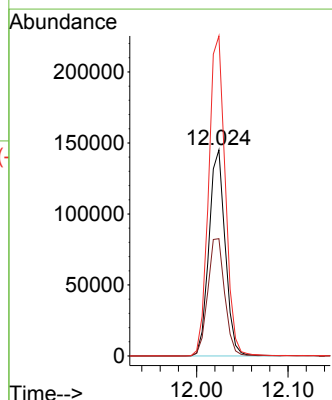
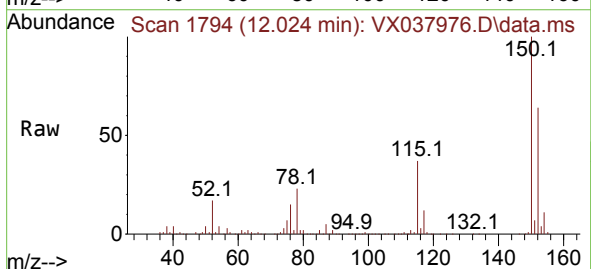
Instrument :
MSVOA_X
ClientSampleId :
MW-103D

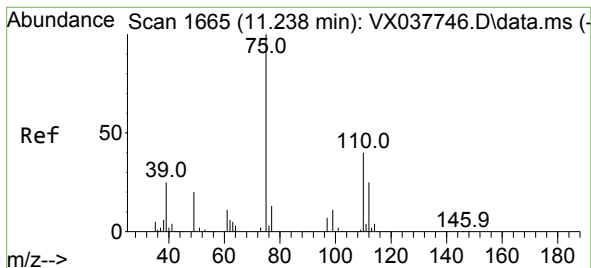
Tgt Ion:117 Resp: 349180
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

Tgt Ion:152 Resp: 179235
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 158.6 0.0 345.0

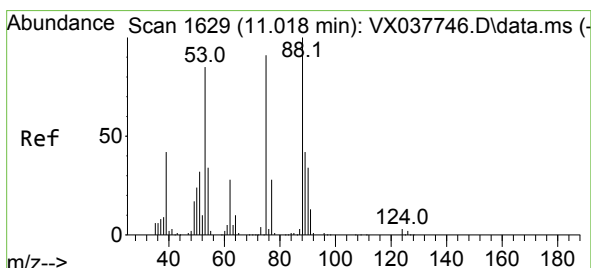
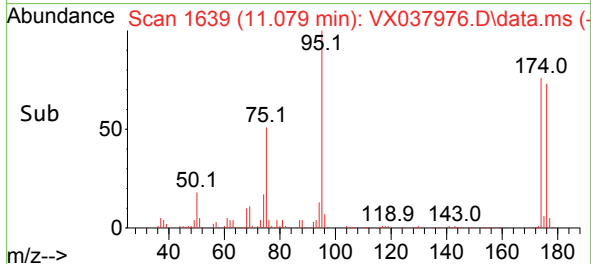
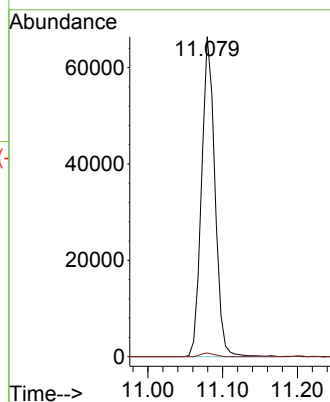
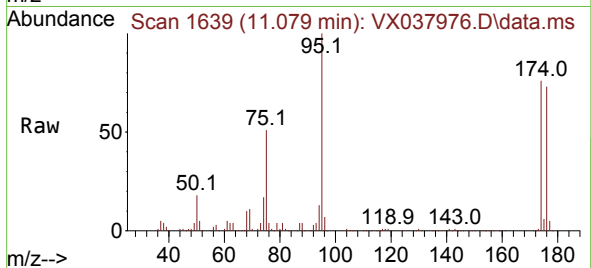




#76
1,2,3-Trichloropropane
Concen: 19.922 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103D

Tgt Ion: 75 Resp: 82589
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.819 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037976.D
Acq: 29 Sep 2023 15:23

Tgt Ion: 75 Resp: 82589
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

