

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035338.D
 Acq On : 27 Apr 2023 14:01
 Operator : JC/MD
 Sample : 02494-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

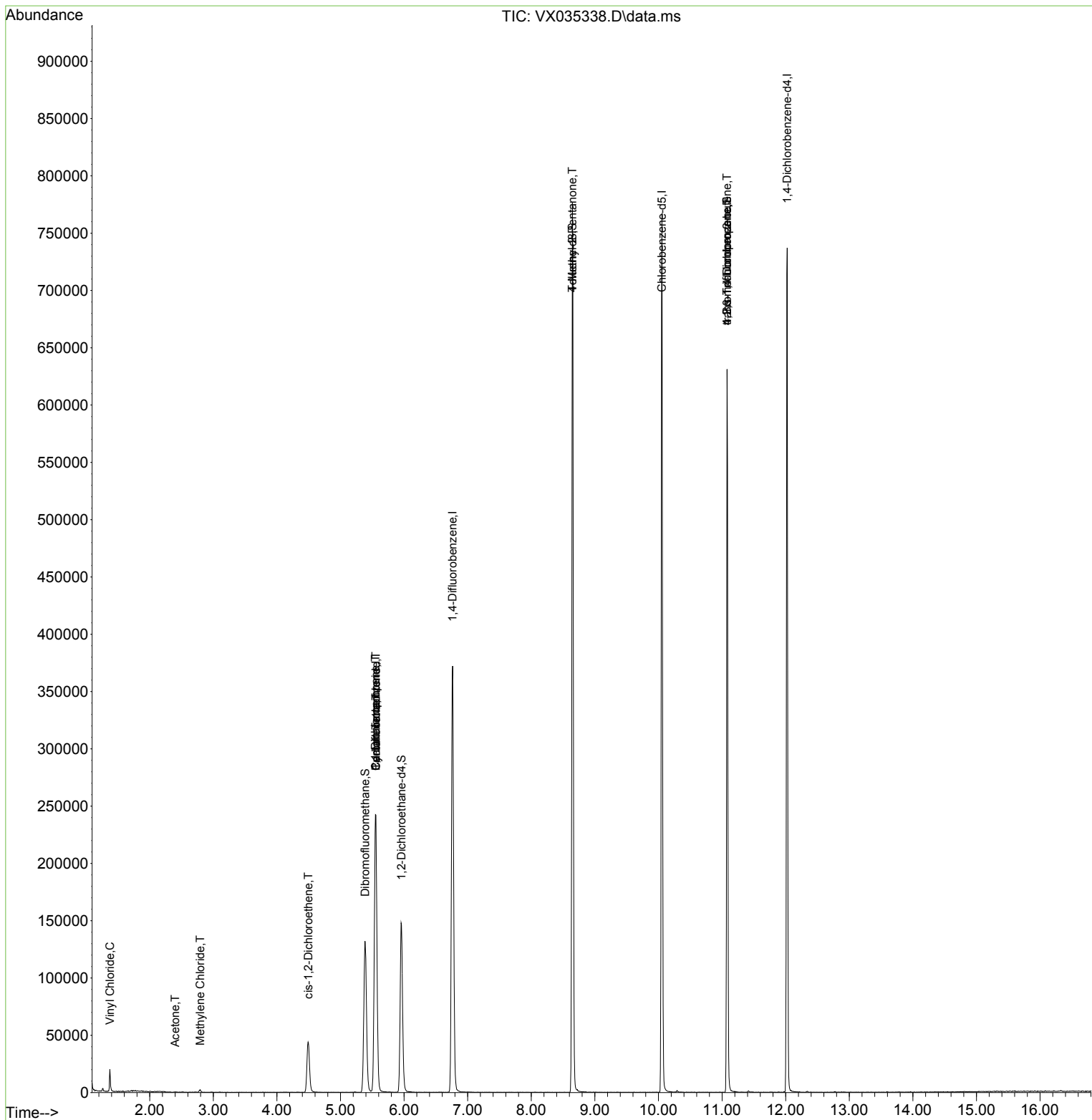
Quant Time: Apr 28 05:05:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

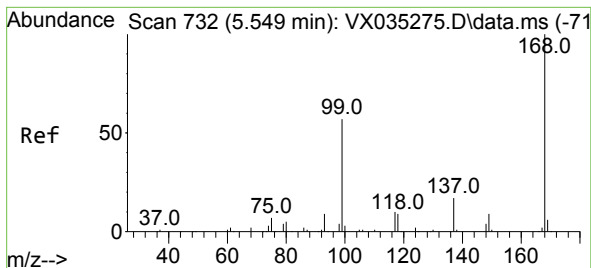
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	243048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	394685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142341	48.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.080%
35) Dibromofluoromethane	5.385	113	119478	49.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	8.647	98	465966	50.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.980%
62) 4-Bromofluorobenzene	11.079	95	174769	50.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.680%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	11828	5.041	ug/l	100
16) Acetone	2.398	43	427	0.335	ug/l	98
20) Methylene Chloride	2.794	84	1128	0.386	ug/l #	59
27) cis-1,2-Dichloroethene	4.495	96	30147	10.004	ug/l	85
31) Cyclohexane	5.556	56	4457	1.072	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18260	4.827	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24290	6.765	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1905	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	84830	26.073	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	84830	84.445	ug/l #	8

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

Quant Time: Apr 28 05:05:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.007 min

Lab File: VX035338.D

Acq: 27 Apr 2023 14:01

Instrument :

MSVOA_X

ClientSampleId :

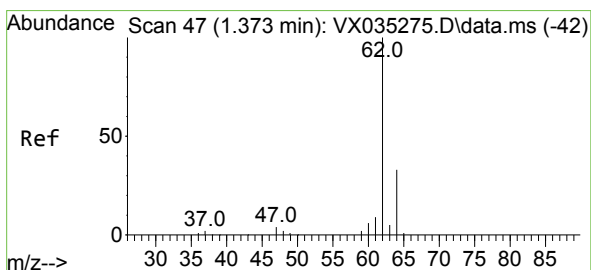
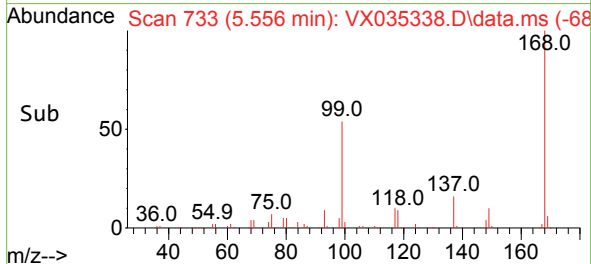
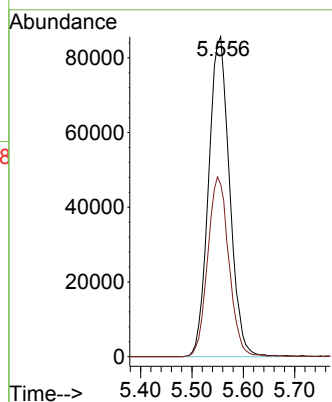
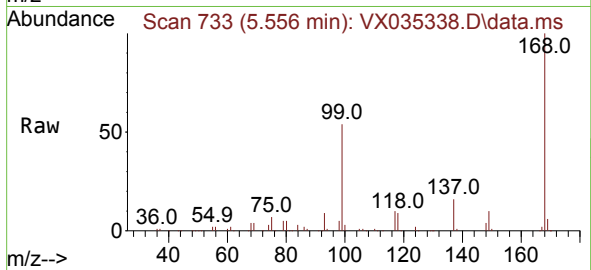
MW-22

Tgt Ion:168 Resp: 243048

Ion Ratio Lower Upper

168 100

99 53.8 45.7 68.5



#4

Vinyl Chloride

Concen: 5.041 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX035338.D

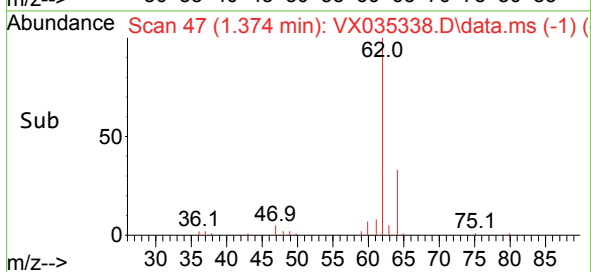
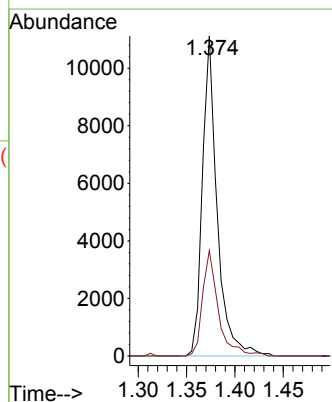
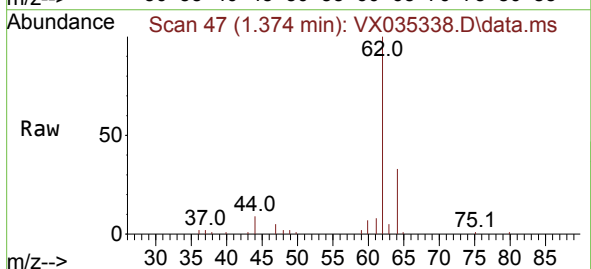
Acq: 27 Apr 2023 14:01

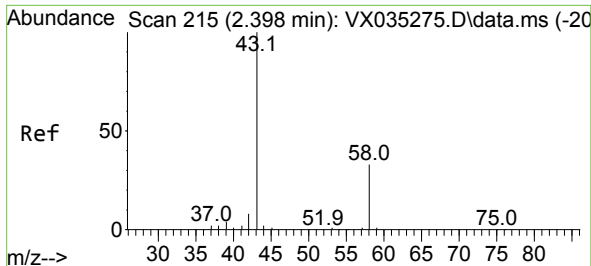
Tgt Ion: 62 Resp: 11828

Ion Ratio Lower Upper

62 100

64 32.9 26.4 39.6

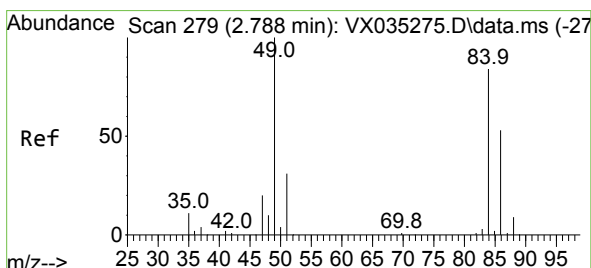
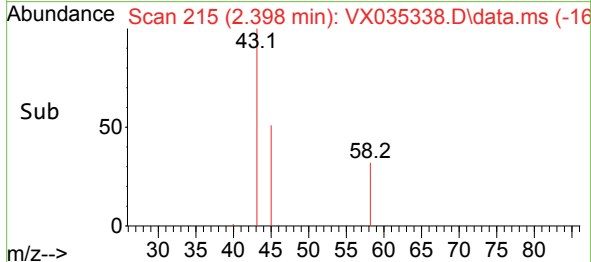
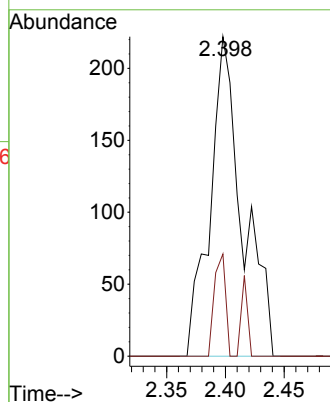
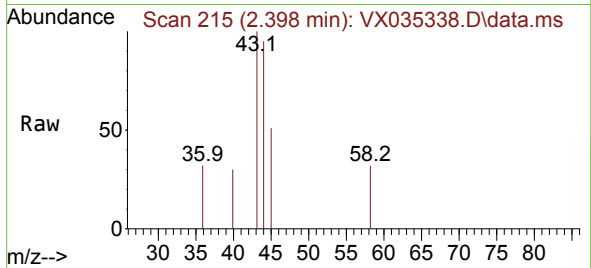




#16
Acetone
Concen: 0.335 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035338.D
Acq: 27 Apr 2023 14:01

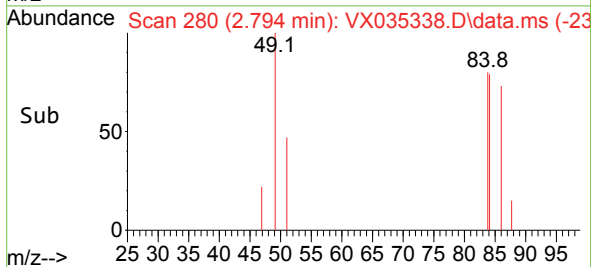
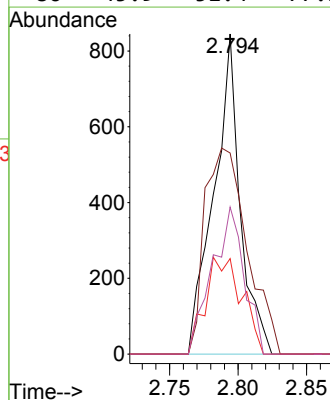
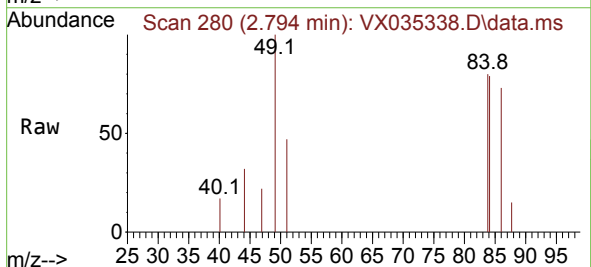
Instrument :
MSVOA_X
ClientSampleId :
MW-22

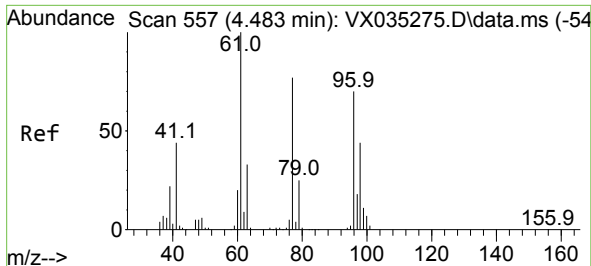
Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 32.0 24.7 37.1



#20
Methylene Chloride
Concen: 0.386 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035338.D
Acq: 27 Apr 2023 14:01

Tgt Ion: 84 Resp: 1128
Ion Ratio Lower Upper
84 100
49 62.8 103.8 155.8#
51 29.8 31.8 47.8#
86 45.9 51.4 77.2#





#27

cis-1,2-Dichloroethene

Concen: 10.004 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX035338.D

Acq: 27 Apr 2023 14:01

Instrument :

MSVOA_X

ClientSampleId :

MW-22

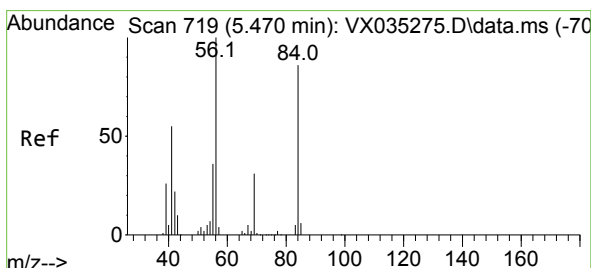
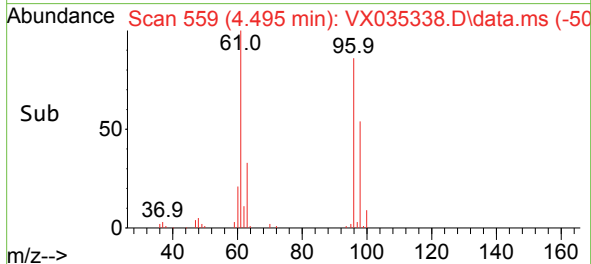
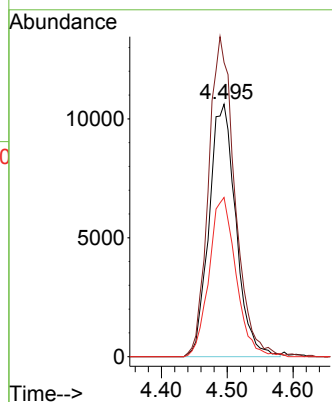
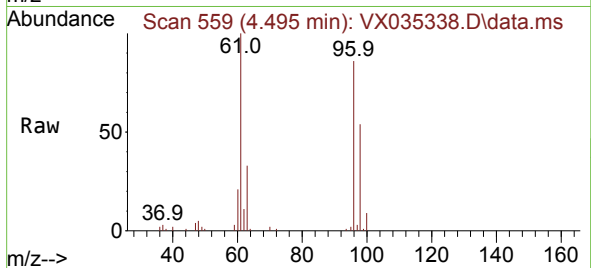
Tgt Ion: 96 Resp: 30147

Ion Ratio Lower Upper

96 100

61 124.6 0.0 300.4

98 63.2 0.0 129.0



#31

Cyclohexane

Concen: 1.072 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX035338.D

Acq: 27 Apr 2023 14:01

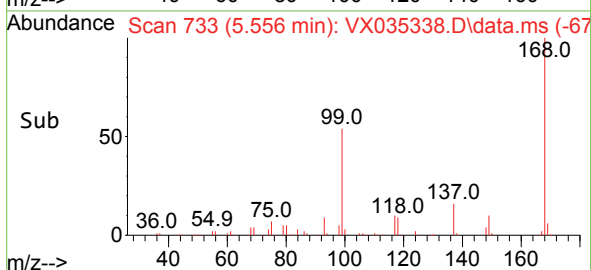
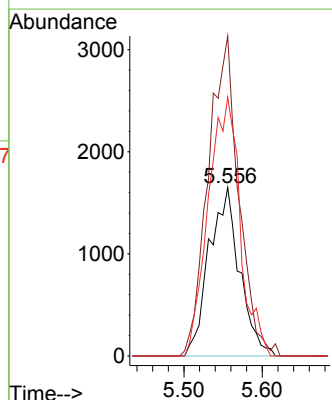
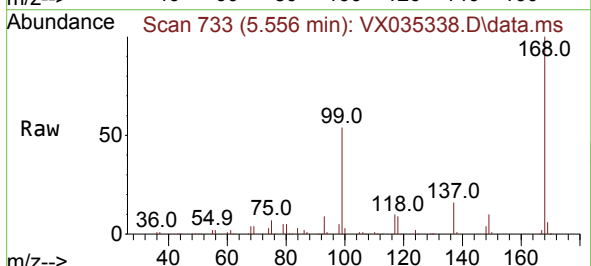
Tgt Ion: 56 Resp: 4457

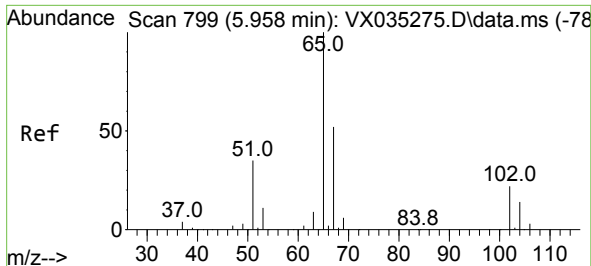
Ion Ratio Lower Upper

56 100

69 189.9 23.7 35.5#

84 153.5 68.5 102.7#

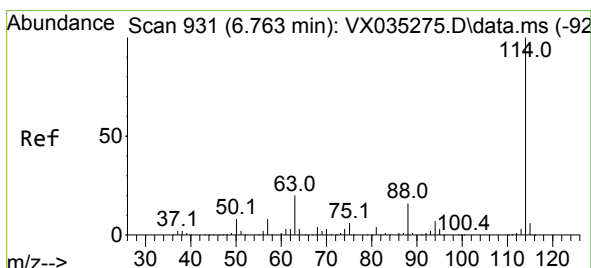
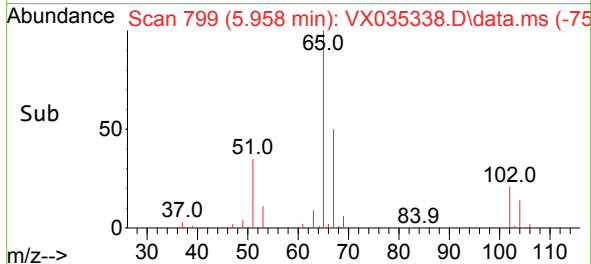
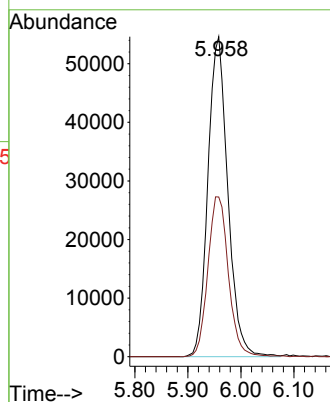
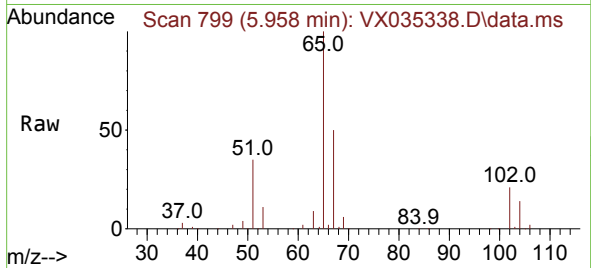




#33
1,2-Dichloroethane-d4
Concen: 48.544 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035338.D
Acq: 27 Apr 2023 14:01

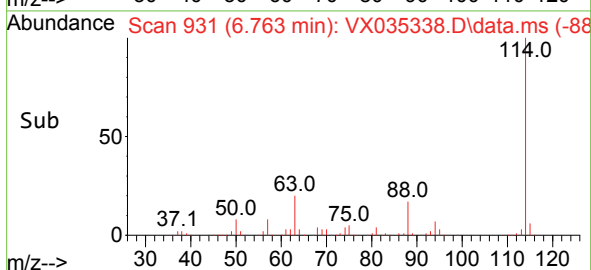
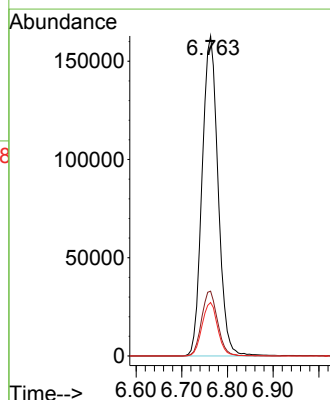
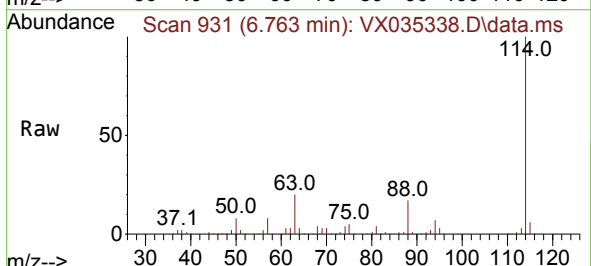
Instrument :
MSVOA_X
ClientSampleId :
MW-22

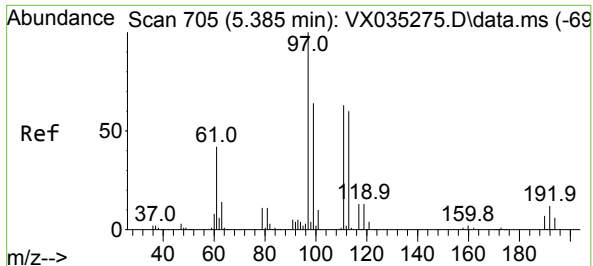
Tgt Ion: 65 Resp: 142341
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035338.D
Acq: 27 Apr 2023 14:01

Tgt Ion: 114 Resp: 394685
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.2
88 16.7 0.0 33.2

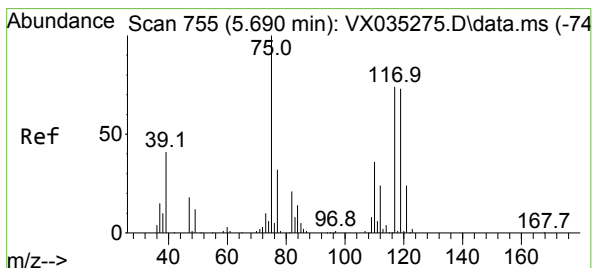
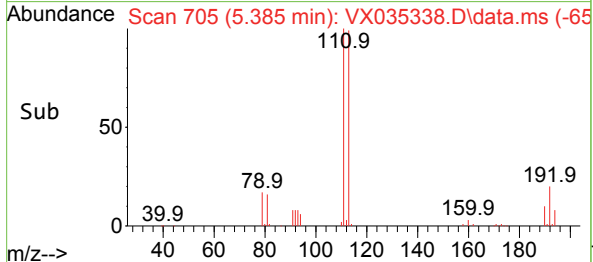
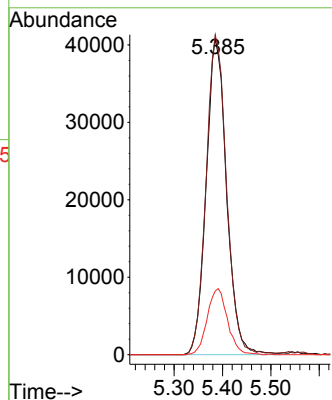
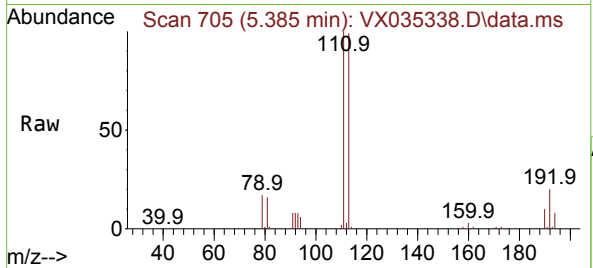




#35
 Dibromofluoromethane
 Concen: 49.321 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035338.D
 Acq: 27 Apr 2023 14:01

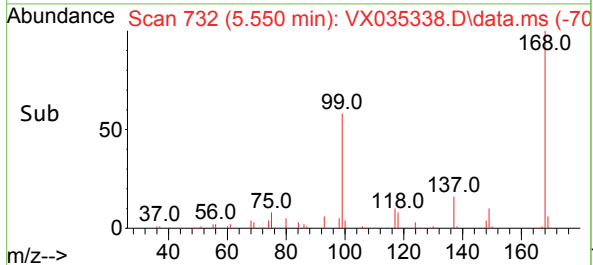
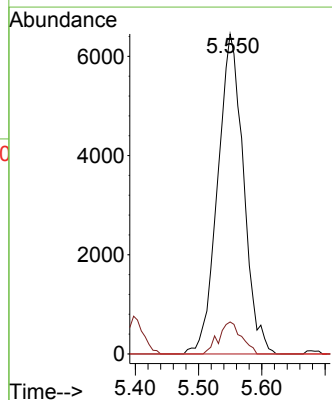
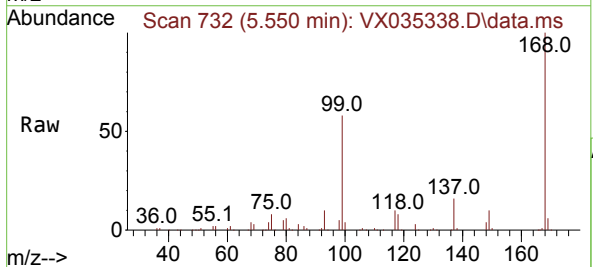
Instrument :
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 ClientSampleId :
 MW-22

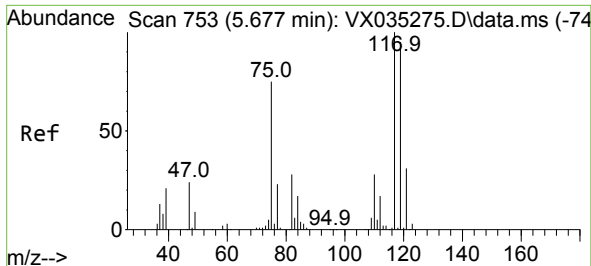
Tgt Ion:113 Resp: 119478
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.7 125.5
 192 20.8 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.827 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX035338.D
 Acq: 27 Apr 2023 14:01

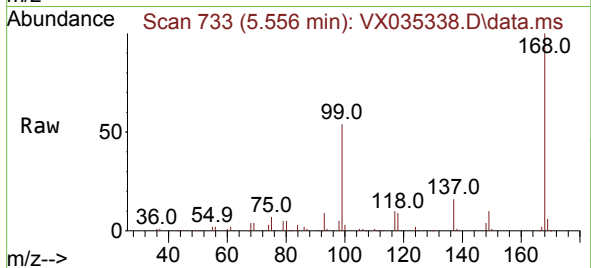
Tgt Ion: 75 Resp: 18260
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.5 52.5#
 77 0.0 24.3 36.5#



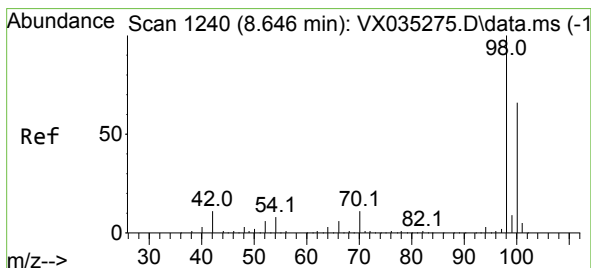
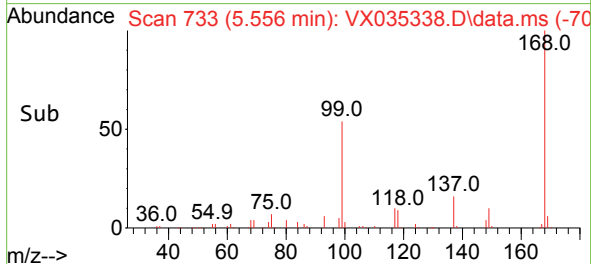
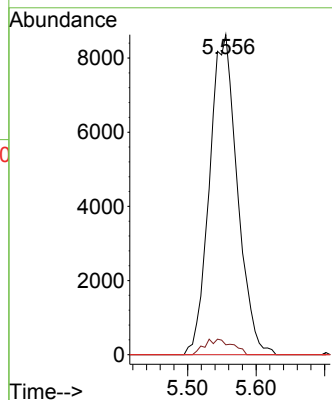


#38
Carbon Tetrachloride
Concen: 6.765 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX035338.D
Acq: 27 Apr 2023 14:01

Instrument :
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ClientSampleId :
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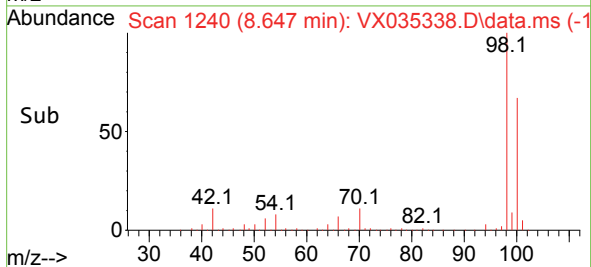
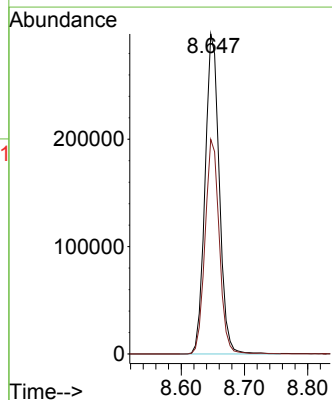
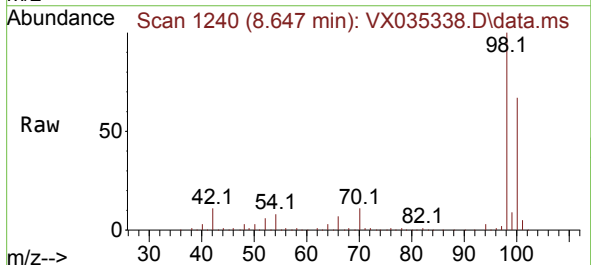


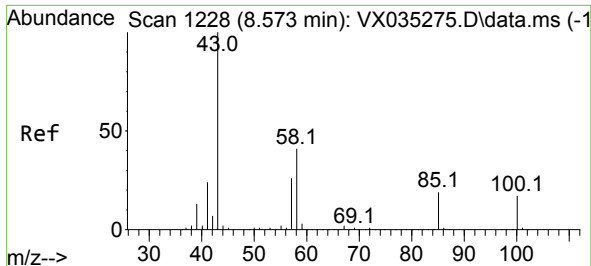
Tgt Ion:117 Resp: 24290
Ion Ratio Lower Upper
117 100
119 3.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.990 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035338.D
Acq: 27 Apr 2023 14:01

Tgt Ion: 98 Resp: 465966
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

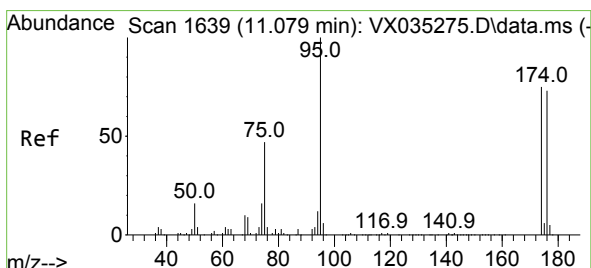
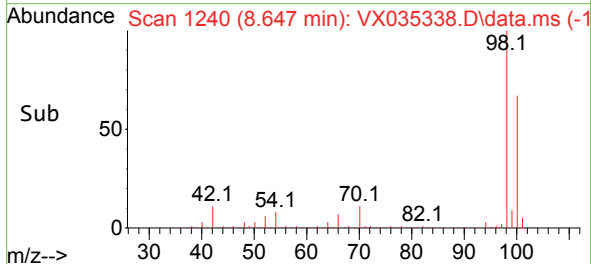
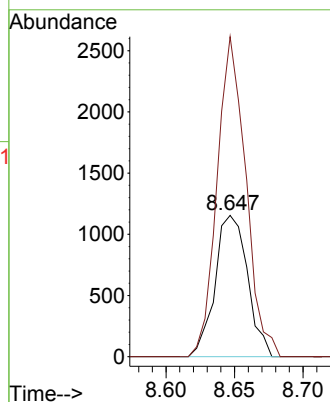
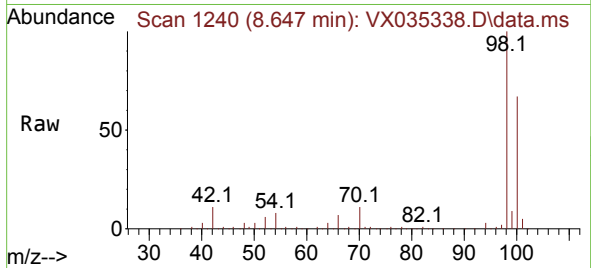




#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX035338.D
Acq: 27 Apr 2023 14:01

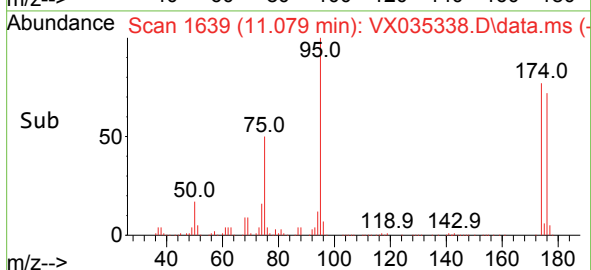
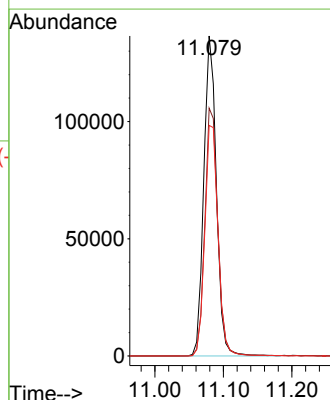
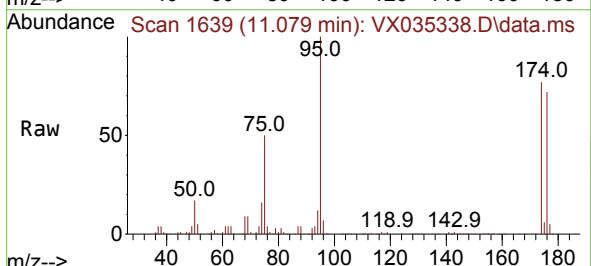
Instrument :
MSVOA_X
ClientSampleId :
MW-22

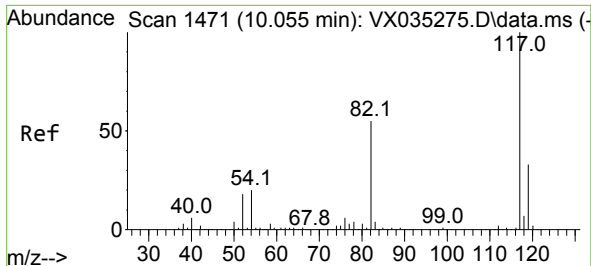
Tgt Ion: 43 Resp: 1905
Ion Ratio Lower Upper
43 100
58 200.2 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 50.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035338.D
Acq: 27 Apr 2023 14:01

Tgt Ion: 95 Resp: 174769
Ion Ratio Lower Upper
95 100
174 79.9 0.0 147.4
176 76.3 0.0 140.6

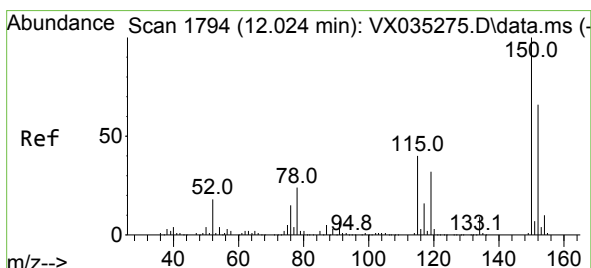
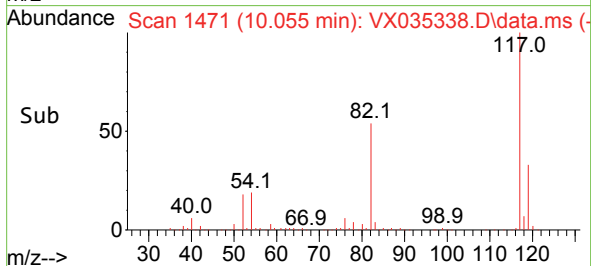
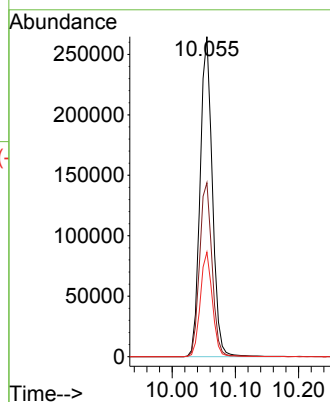
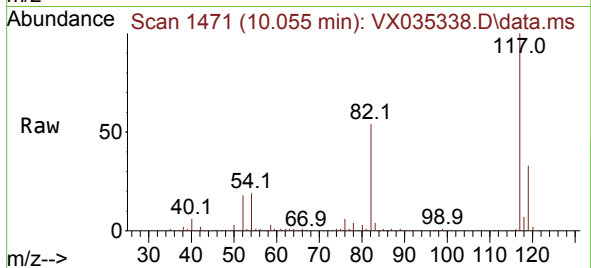




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035338.D
Acq: 27 Apr 2023 14:01

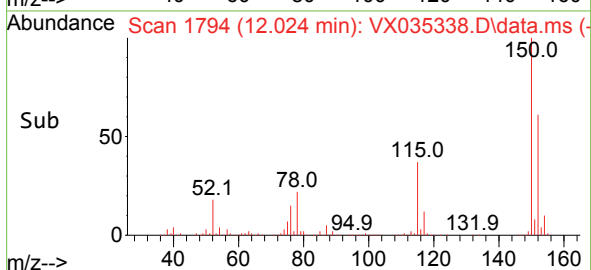
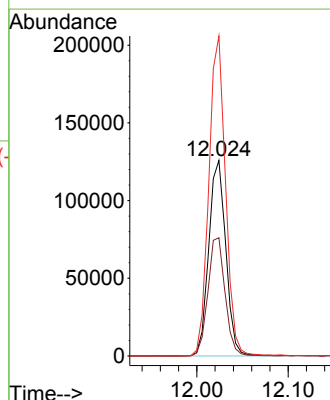
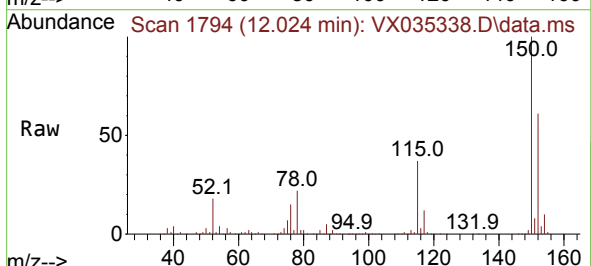
Instrument :
MSVOA_X
ClientSampleId :
MW-22

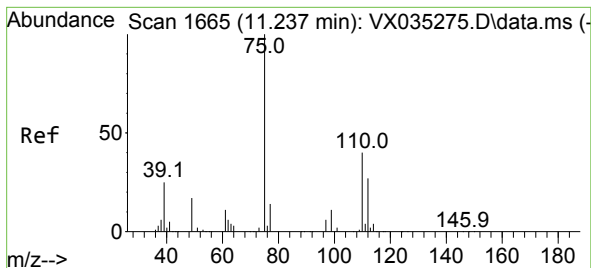
Tgt Ion:117 Resp: 356651
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035338.D
Acq: 27 Apr 2023 14:01

Tgt Ion:152 Resp: 163105
Ion Ratio Lower Upper
152 100
115 60.9 45.0 135.0
150 160.2 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 26.073 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035338.D

Acq: 27 Apr 2023 14:01

Instrument :

MSVOA_X

ClientSampleId :

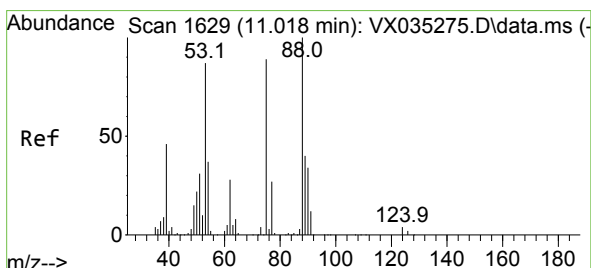
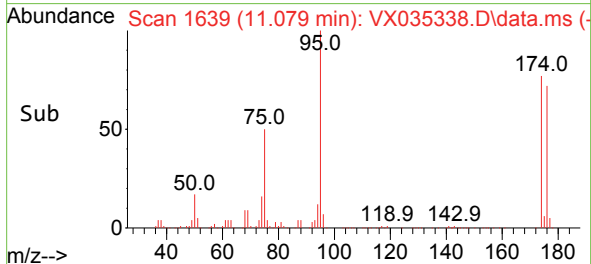
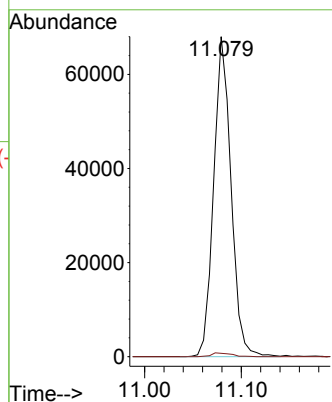
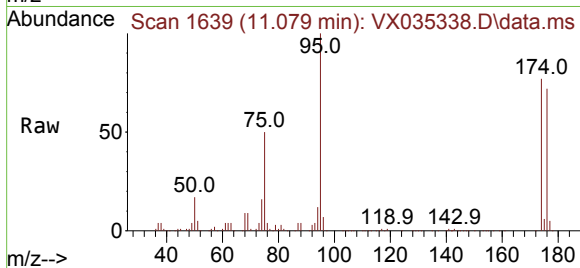
MW-22

Tgt Ion: 75 Resp: 84830

Ion Ratio Lower Upper

75 100

77 1.4 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.445 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035338.D

Acq: 27 Apr 2023 14:01

Tgt Ion: 75 Resp: 84830

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

