

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035917.D
 Acq On : 30 May 2023 19:31
 Operator : JC/MD
 Sample : 02955-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP05RE

Quant Time: May 31 05:49:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

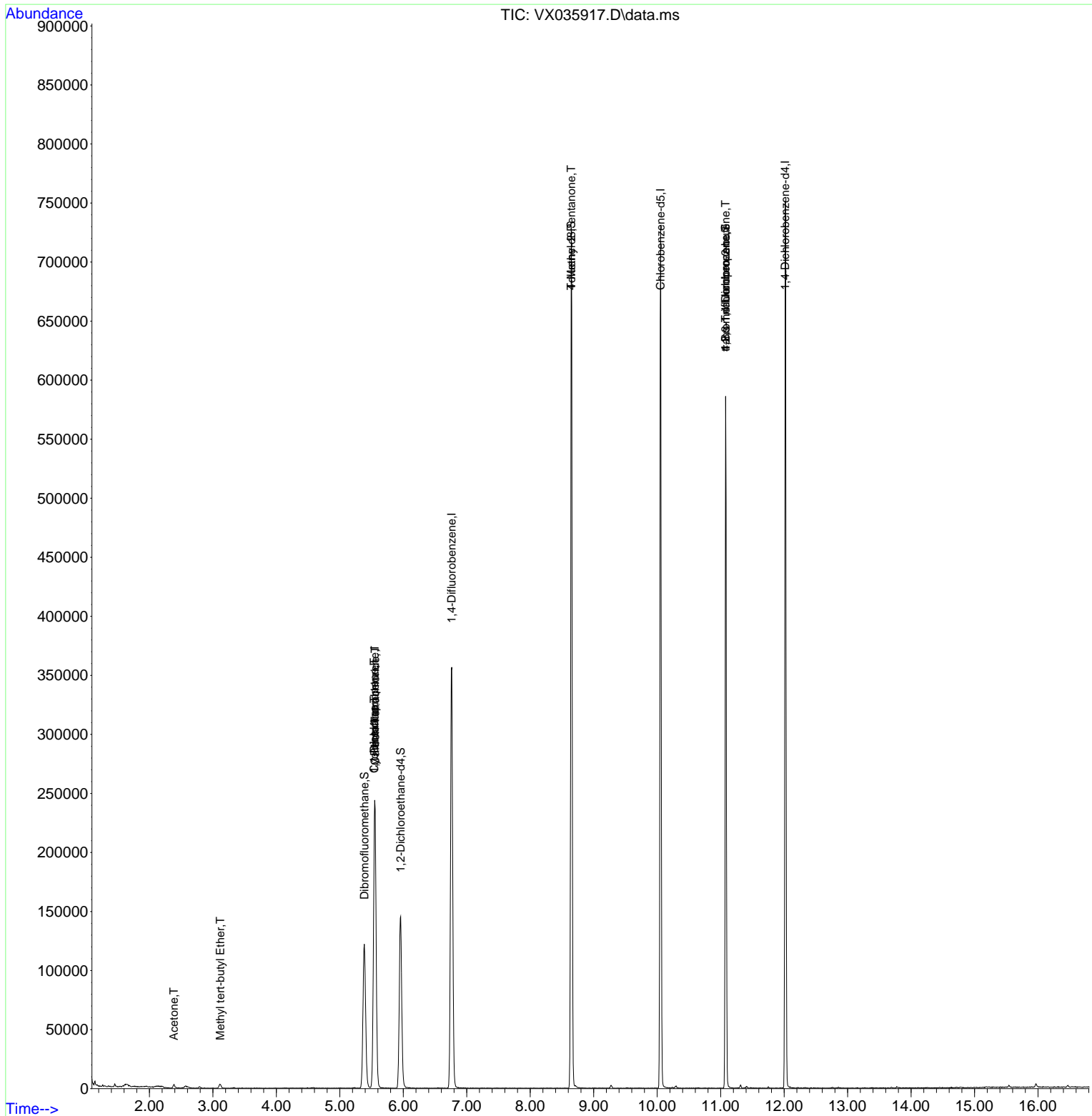
Internal Standards						
1) Pentafluorobenzene	5.550	168	222385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	154093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143264	36.252	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	72.500%#
35) Dibromofluoromethane	5.385	113	108034	43.069	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.140%
50) Toluene-d8	8.647	98	424471	46.109	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.220%
62) 4-Bromofluorobenzene	11.079	95	161011	44.392	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.780%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	3574	2.240	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	3704	0.393	ug/l #	90
20) Methylene Chloride	2.800	84	682	Below Cal	#	51
31) Cyclohexane	5.544	56	4643	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	18114	4.756	ug/l #	52
38) Carbon Tetrachloride	5.556	117	24499	6.824	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2060	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81443	21.179	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	81443	67.442	ug/l #	3

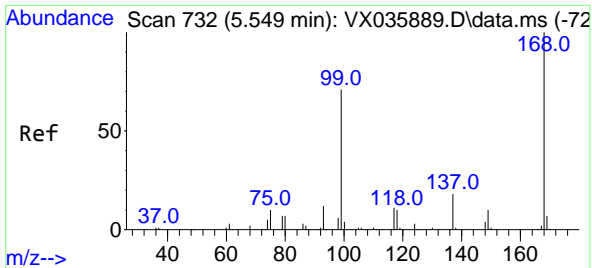
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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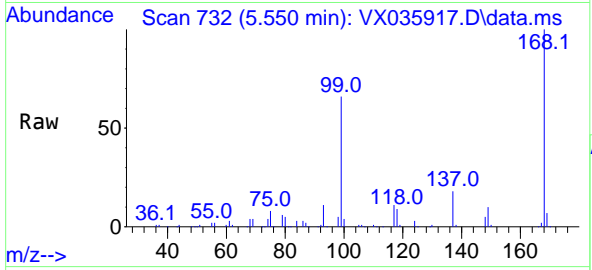
Quant Time: May 31 05:49:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
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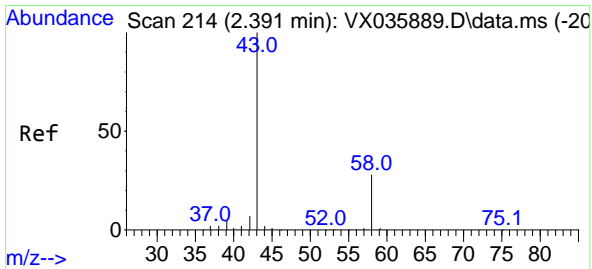
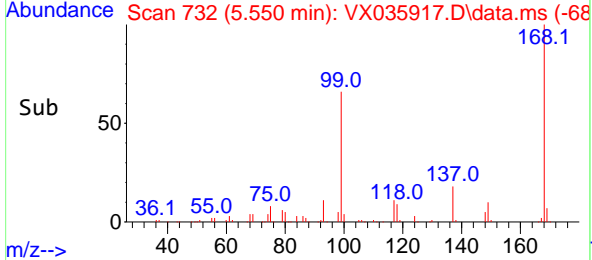
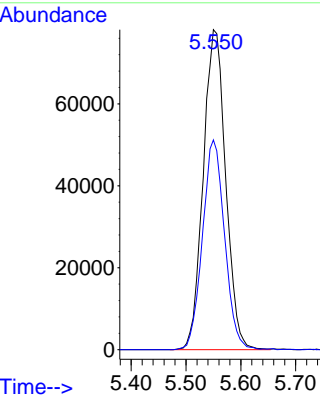


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

Instrument : MSVOA_X
 ClientSampleId : TWP05RE

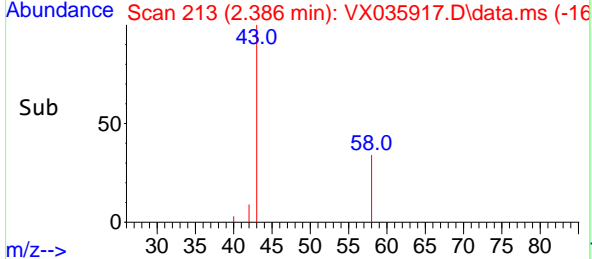
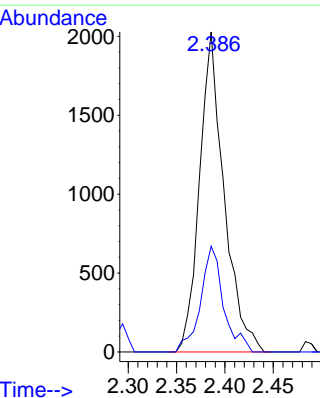
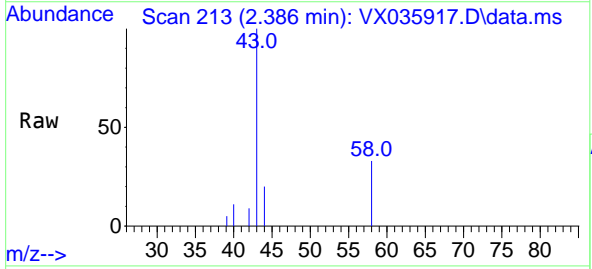


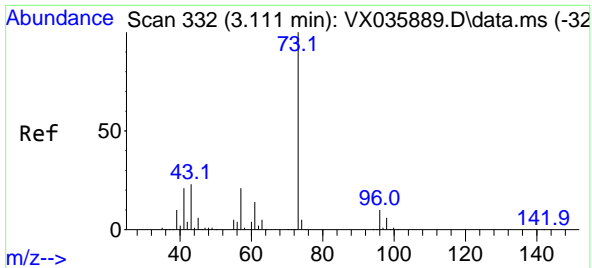
Tgt Ion:168 Resp: 222385
 Ion Ratio Lower Upper
 168 100
 99 65.6 57.0 85.6



#16
 Acetone
 Concen: 2.240 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

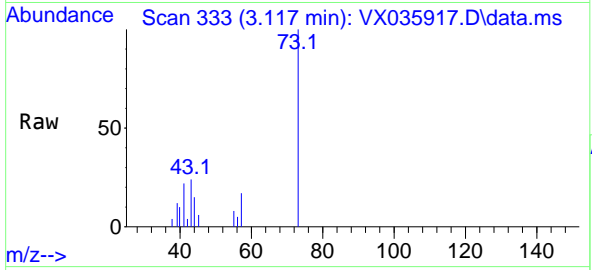
Tgt Ion: 43 Resp: 3574
 Ion Ratio Lower Upper
 43 100
 58 33.0 22.2 33.2



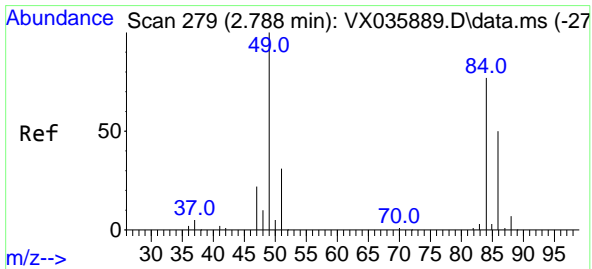
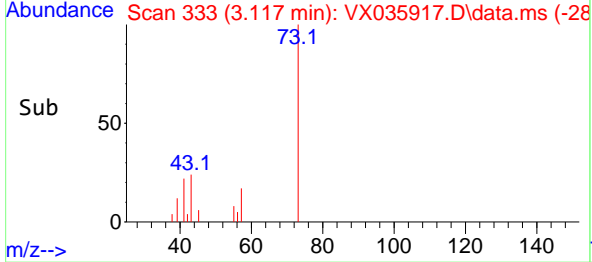
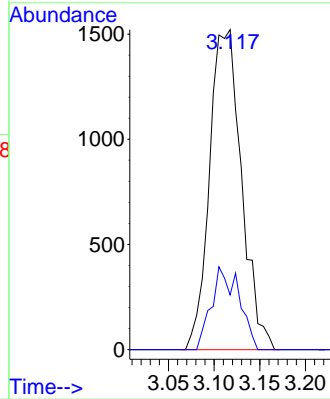


#19
Methyl tert-butyl Ether
Concen: 0.393 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX035917.D
Acq: 30 May 2023 19:31

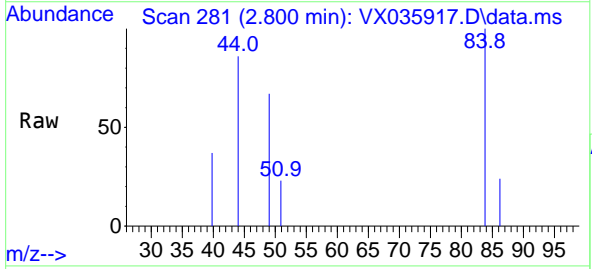
Instrument : MSVOA_X
ClientSampleId : TWP05RE



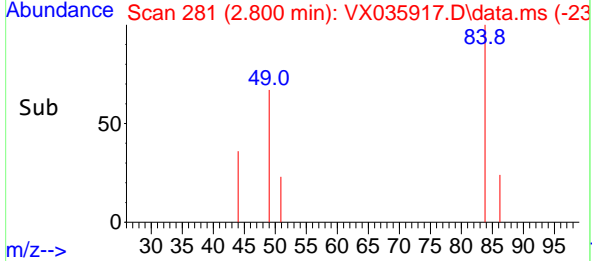
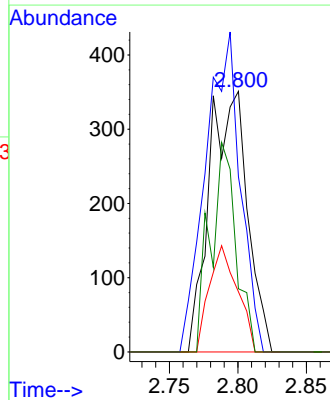
Tgt Ion: 73 Resp: 3704
Ion Ratio Lower Upper
73 100
57 17.1 17.6 26.4#

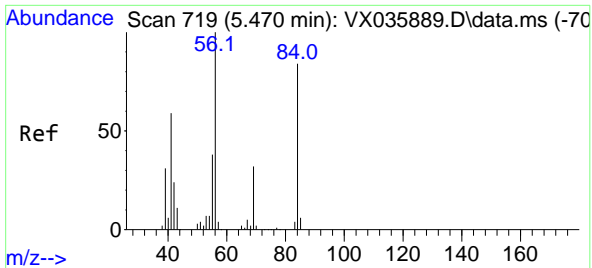


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX035917.D
Acq: 30 May 2023 19:31



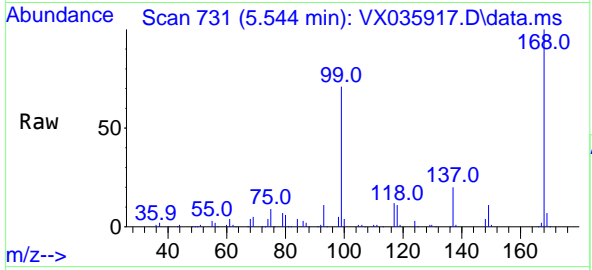
Tgt Ion: 84 Resp: 682
Ion Ratio Lower Upper
84 100
49 67.2 104.6 156.8#
51 23.1 32.2 48.4#
86 24.2 52.4 78.6#



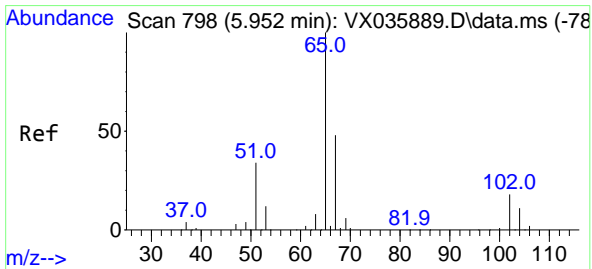
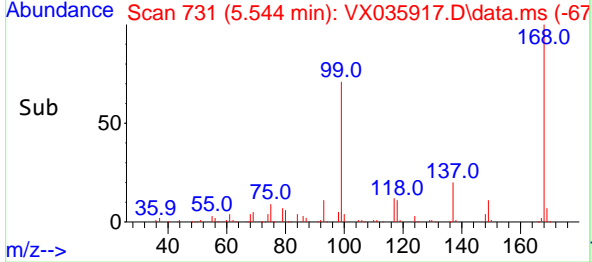
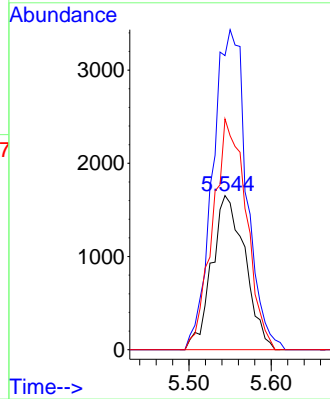


#31
 Cyclohexane
 Concen: 0.989 ug/l
 RT: 5.544 min Scan# 719
 Delta R.T. 0.074 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

Instrument : MSVOA_X
 ClientSampleId : TWP05RE

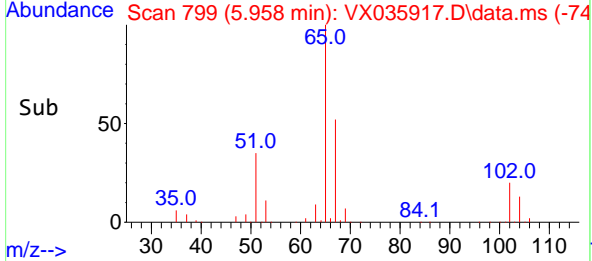
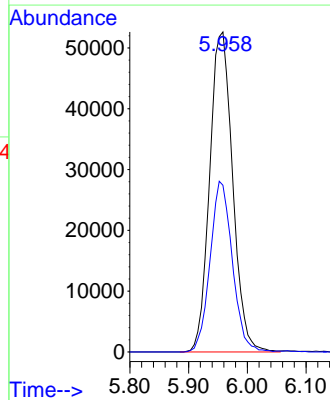
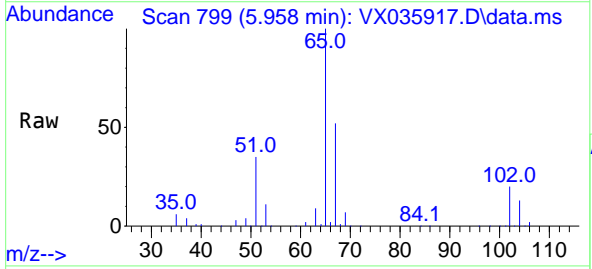


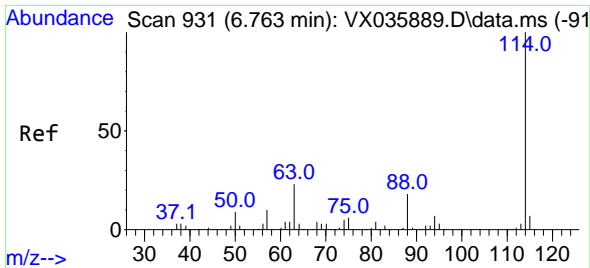
Tgt Ion: 56 Resp: 4643
 Ion Ratio Lower Upper
 56 100
 69 190.9 25.9 38.9#
 84 149.8 67.6 101.4#



#33
 1,2-Dichloroethane-d4
 Concen: 36.252 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.007 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

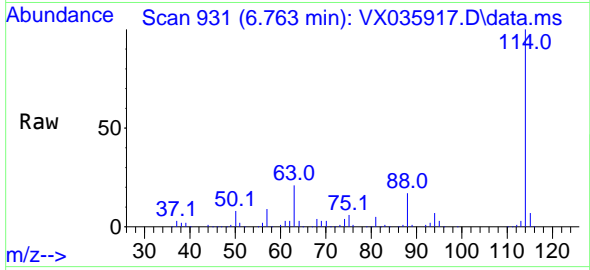
Tgt Ion: 65 Resp: 143264
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 99.6



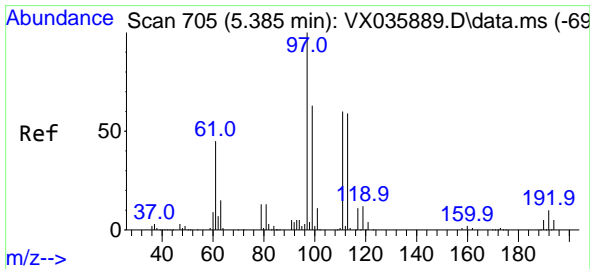
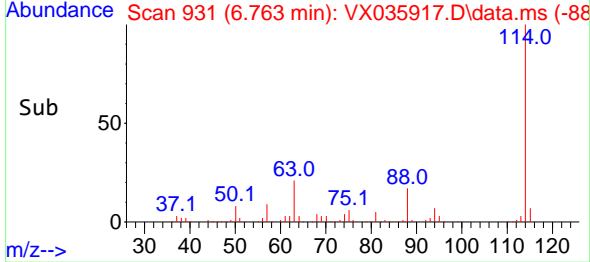
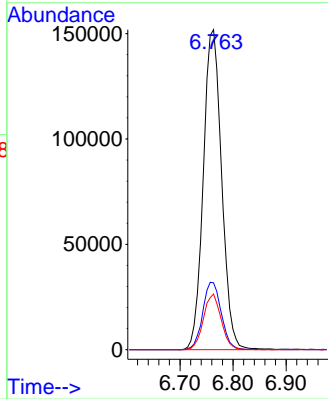


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

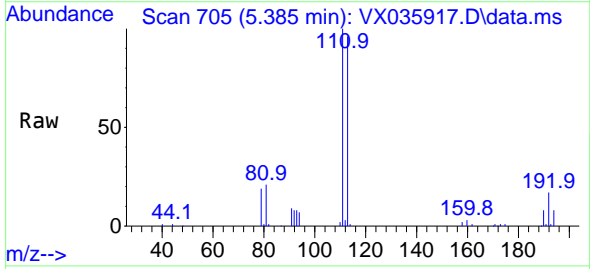
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP05RE



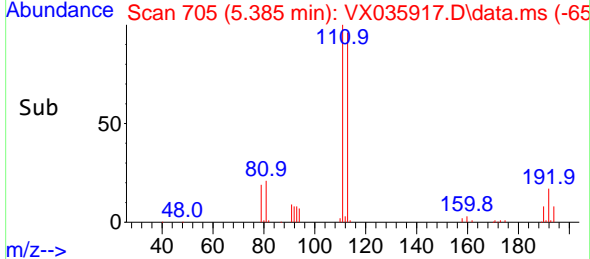
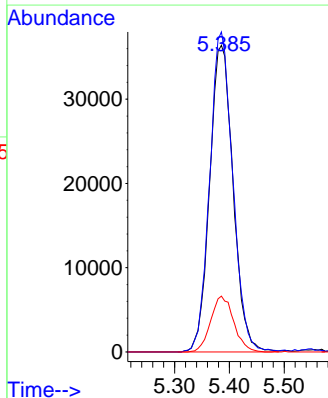
Tgt Ion:114 Resp: 365175
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 46.0
 88 17.4 0.0 35.2

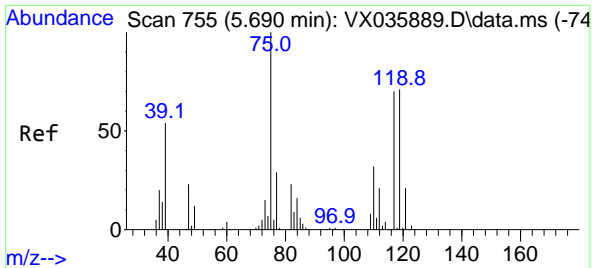


#35
 Dibromofluoromethane
 Concen: 43.069 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31



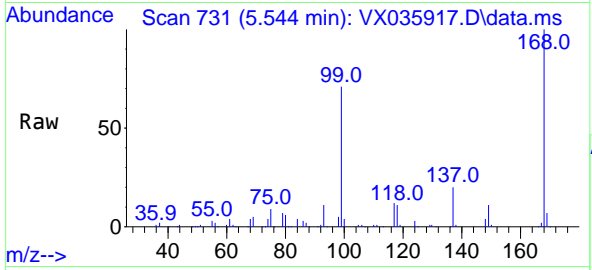
Tgt Ion:113 Resp: 108034
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 17.9 13.5 20.3



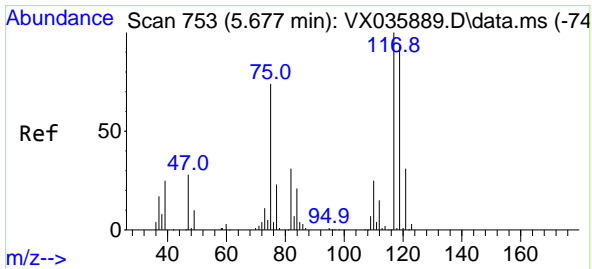
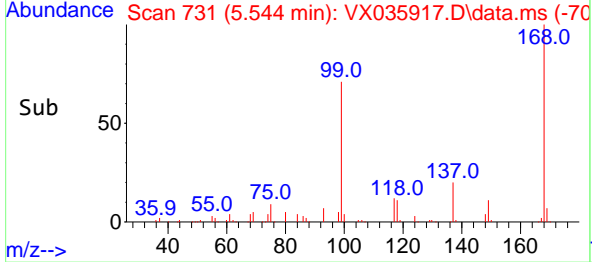
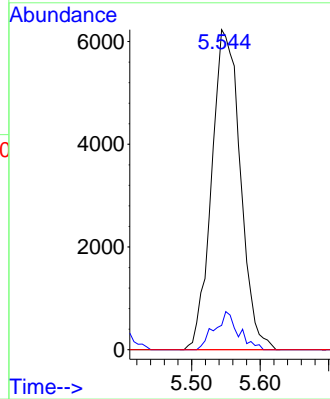


#36
 1,1-Dichloropropene
 Concen: 4.756 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

Instrument : MSVOA_X
 ClientSampleId : TWPO5RE

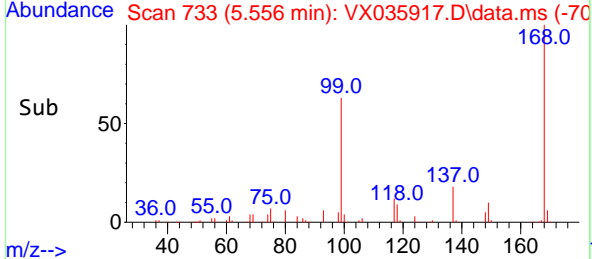
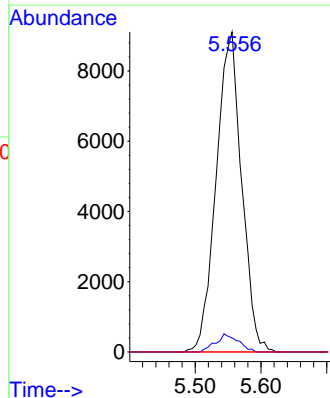
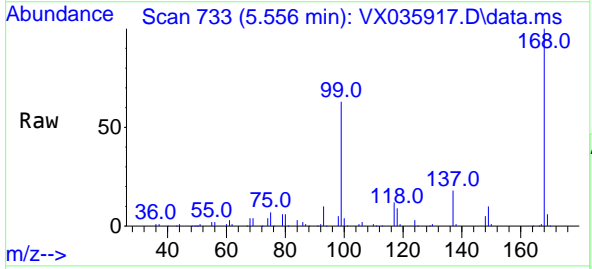


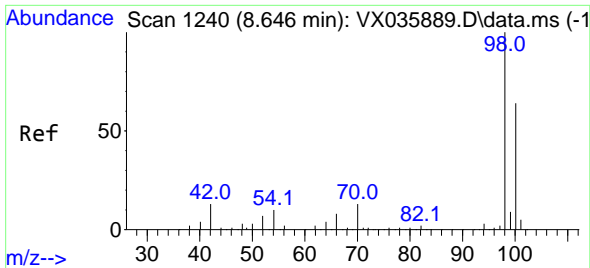
Tgt Ion: 75 Resp: 18114
 Ion Ratio Lower Upper
 75 100
 110 9.8 16.6 49.7#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.824 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

Tgt Ion: 117 Resp: 24499
 Ion Ratio Lower Upper
 117 100
 119 4.4 74.1 111.1#
 121 0.0 25.0 37.4#

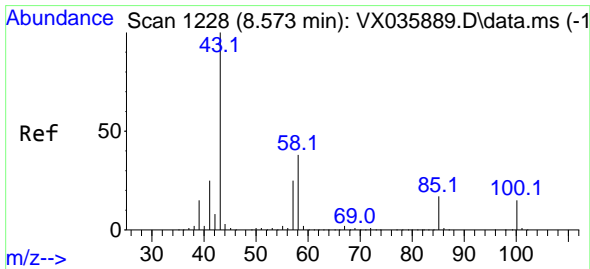
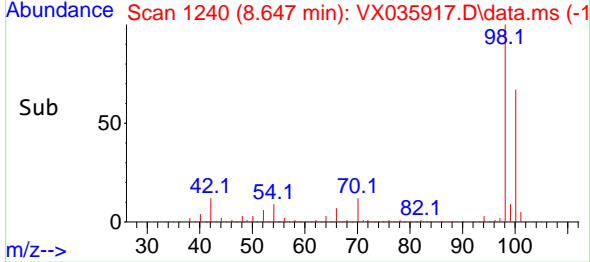
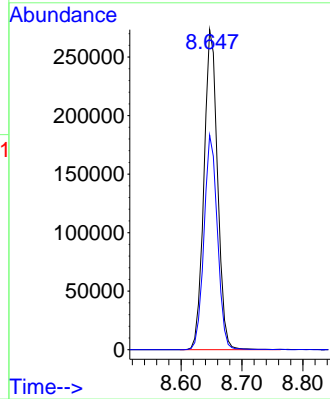
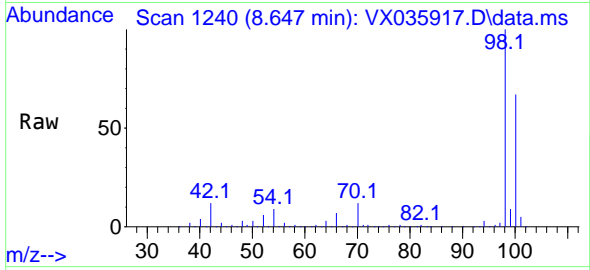




#50
 Toluene-d8
 Concen: 46.109 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

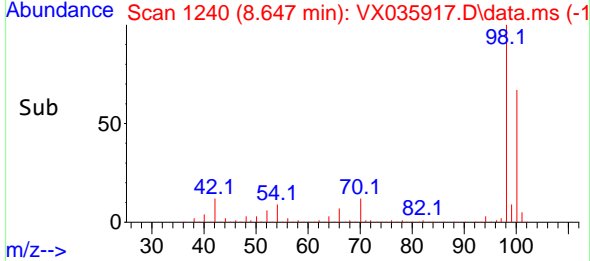
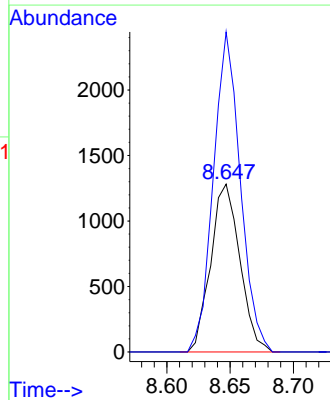
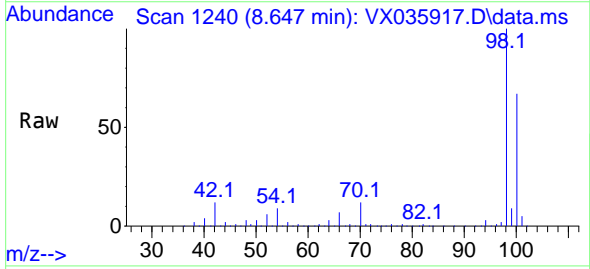
Instrument : MSVOA_X
 ClientSampleId : TWP05RE

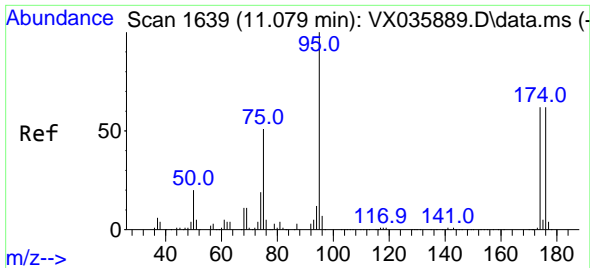
Tgt Ion: 98 Resp: 424471
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.4 80.0



#51
 4-Methyl-2-Pentanone
 Concen: 0.501 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.074 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

Tgt Ion: 43 Resp: 2060
 Ion Ratio Lower Upper
 43 100
 58 175.7 30.1 45.1#



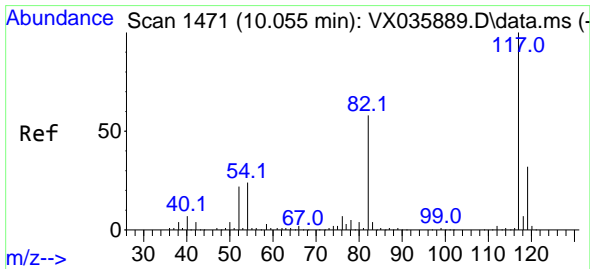
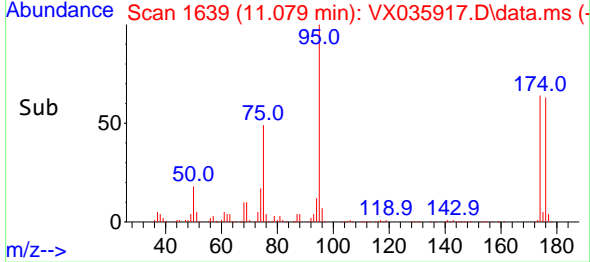
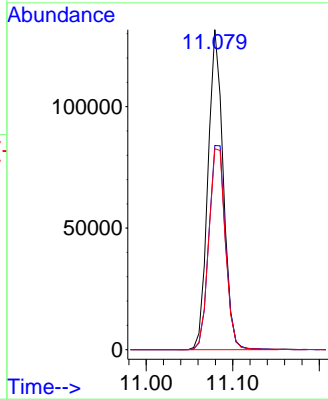
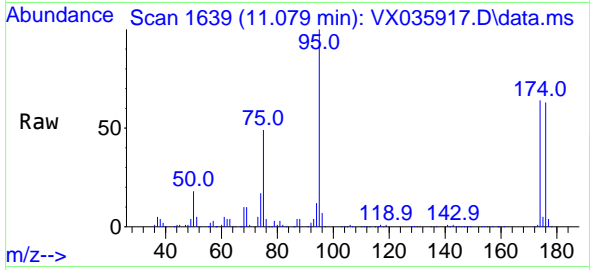


#62
 4-Bromofluorobenzene
 Concen: 44.392 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

Instrument : MSVOA_X
 ClientSampleId : TWP05RE

Tgt Ion: 95 Resp: 161011

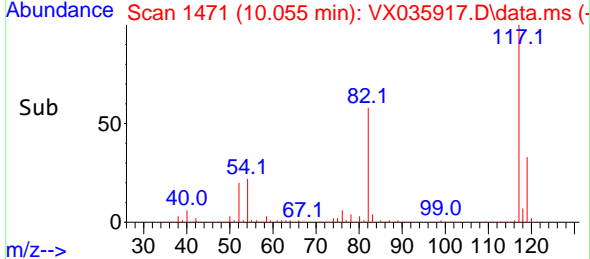
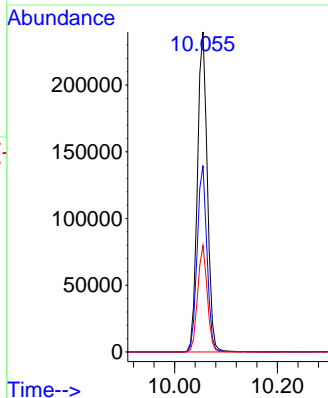
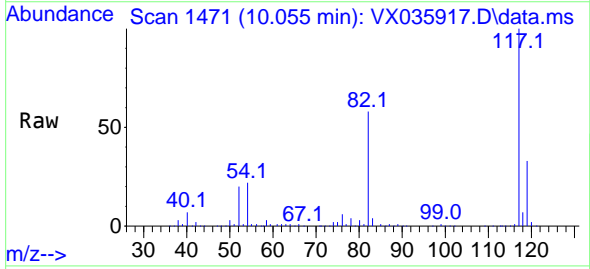
Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	132.6
176	68.2	0.0	128.0

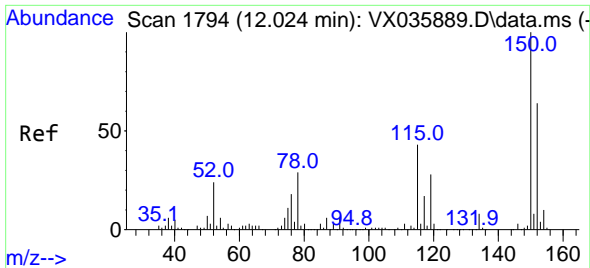


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

Tgt Ion: 117 Resp: 321982

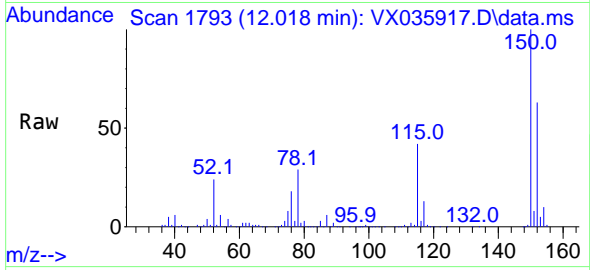
Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.6	69.8
119	33.3	25.4	38.2



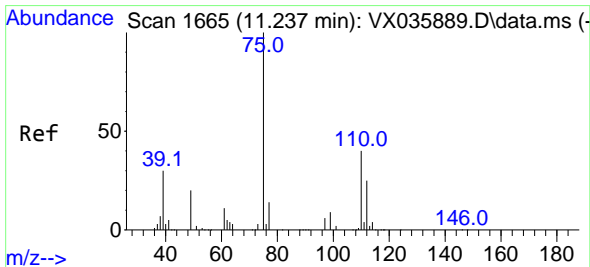
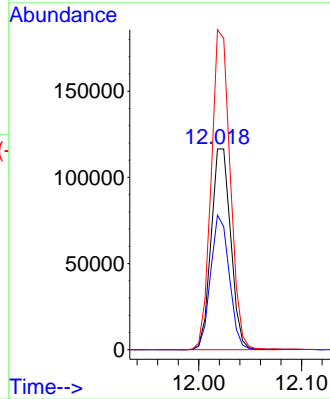
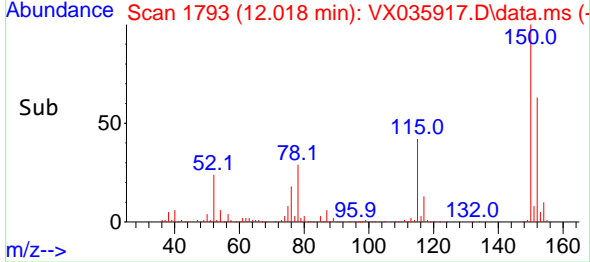


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

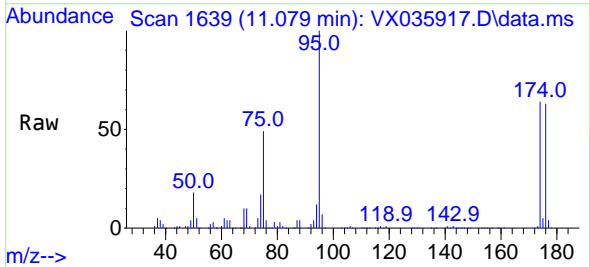
Instrument : MSVOA_X
 ClientSampleId : TWP05RE



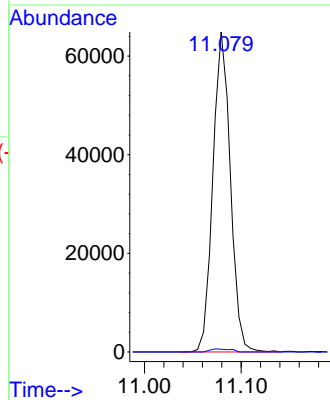
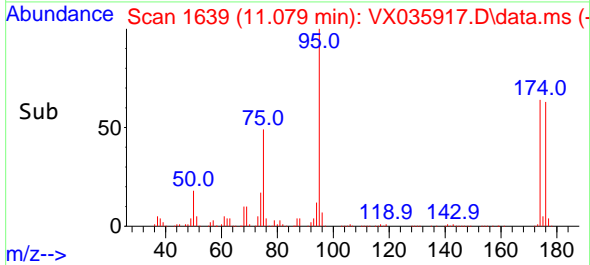
Tgt Ion:152 Resp: 154093
 Ion Ratio Lower Upper
 152 100
 115 64.1 45.5 136.5
 150 155.2 0.0 345.2

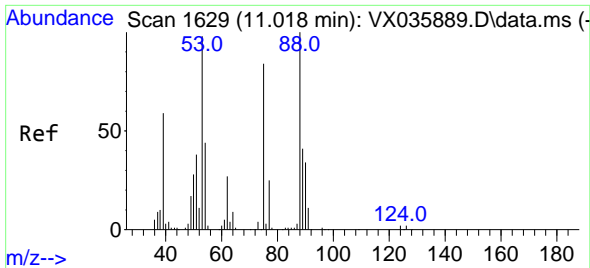


#76
 1,2,3-Trichloropropane
 Concen: 21.179 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31



Tgt Ion: 75 Resp: 81443
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.442 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX035917.D
 Acq: 30 May 2023 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP05RE

Tgt Ion: 75 Resp: 81443

Ion	Ratio	Lower	Upper
75	100		
53	0.0	95.2	142.8#
89	0.0	38.0	57.0#

