

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032144.D
 Acq On : 14 Oct 2022 18:57
 Operator : JC/MD
 Sample : N5145-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6-101322

Quant Time: Oct 17 02:28:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

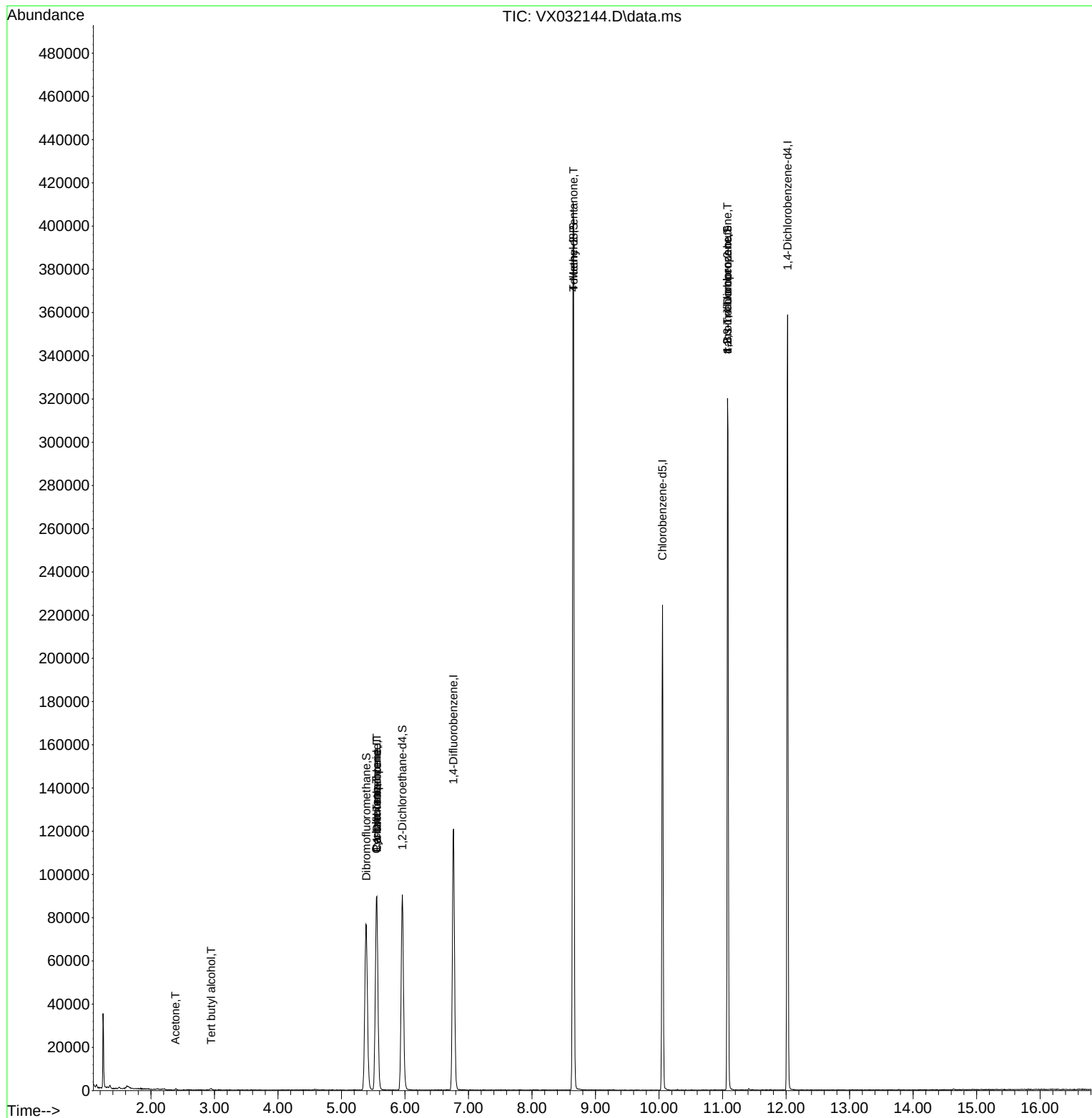
Internal Standards						
1) Pentafluorobenzene	5.556	168	79508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88256	53.749	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.500%
35) Dibromofluoromethane	5.391	113	64971	48.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	8.653	98	238324	49.229	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	81602	47.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.360%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	144	Below Cal	#	63
11) Tert butyl alcohol	2.947	59	451	2.208	ug/l #	73
16) Acetone	2.386	43	829	1.486	ug/l	99
31) Cyclohexane	5.550	56	1995	1.017	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	6996	3.921	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8808	4.829	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1212	0.718	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45480	32.395	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45480	110.286	ug/l #	11

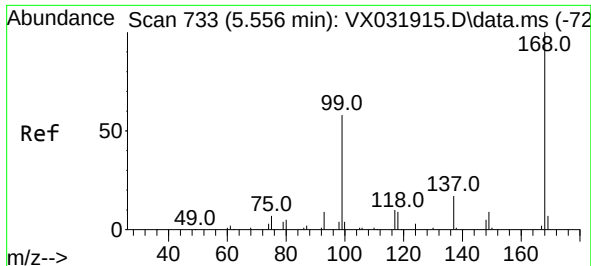
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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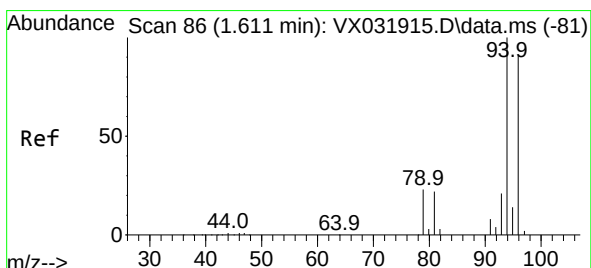
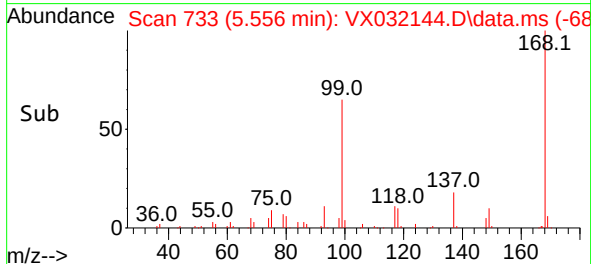
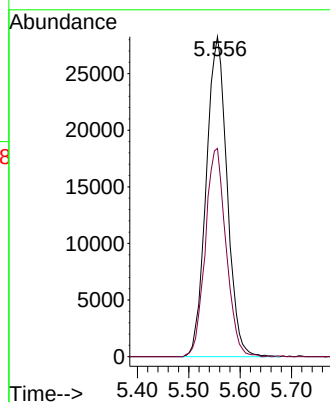
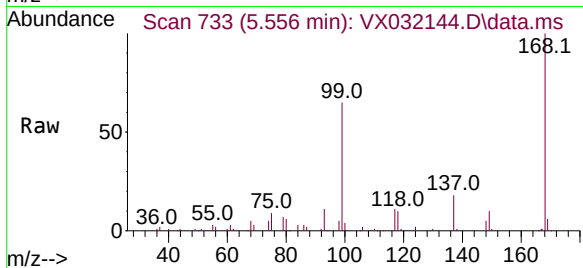




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

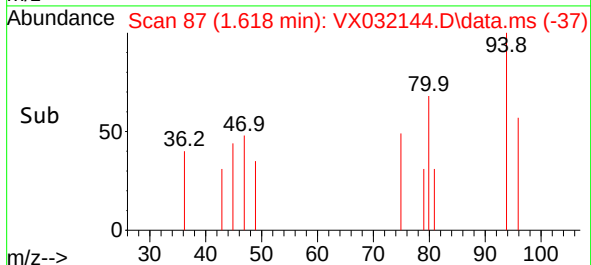
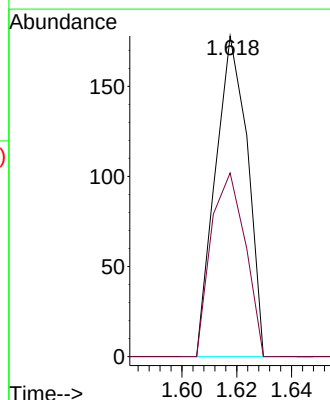
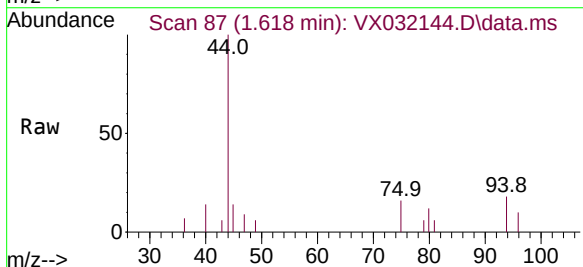
Instrument :
MSVOA_X
ClientSampleId :
MW-6-101322

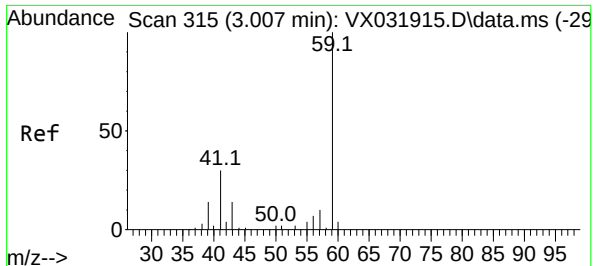
Tgt Ion:168 Resp: 79508
Ion Ratio Lower Upper
168 100
99 65.1 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

Tgt Ion: 94 Resp: 144
Ion Ratio Lower Upper
94 100
96 57.3 74.4 111.6#

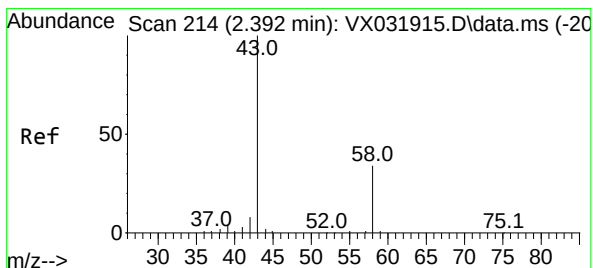
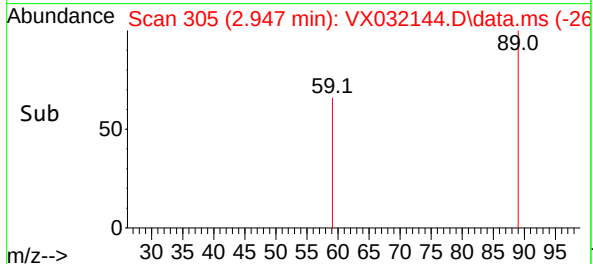
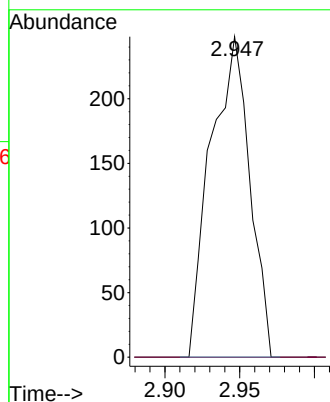
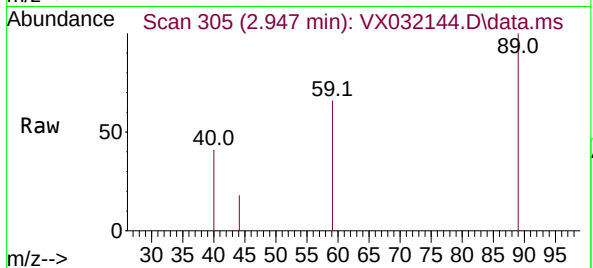




#11
Tert butyl alcohol
Concen: 2.208 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

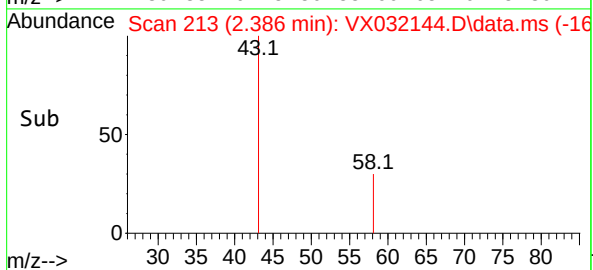
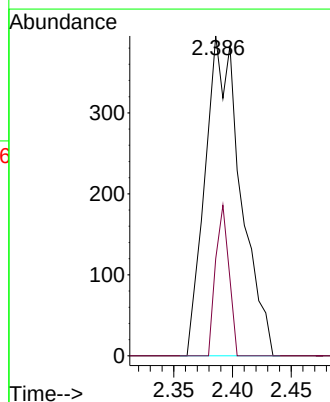
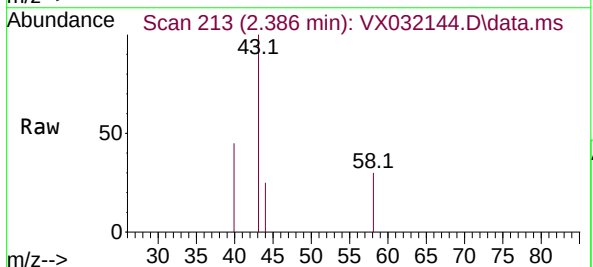
Instrument :
MSVOA_X
ClientSampleId :
MW-6-101322

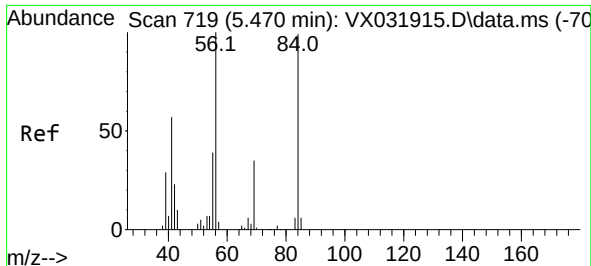
Tgt Ion: 59 Resp: 451
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.486 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8

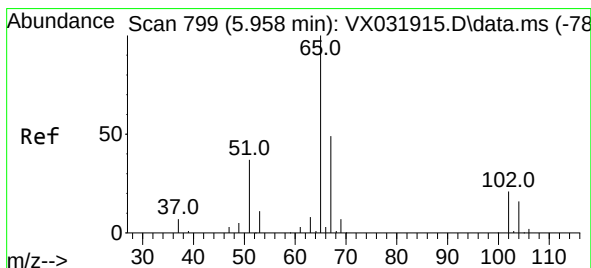
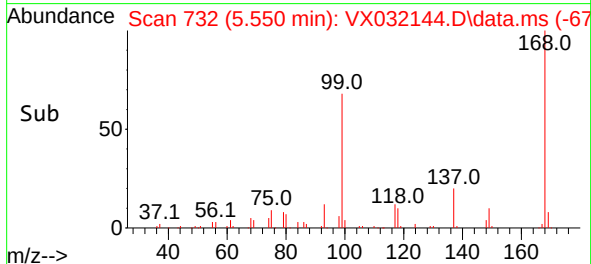
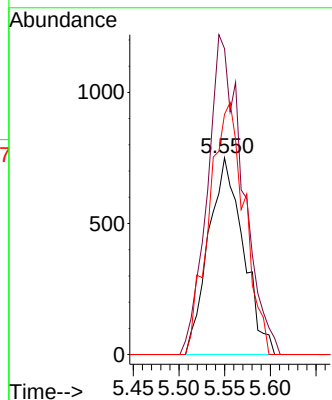
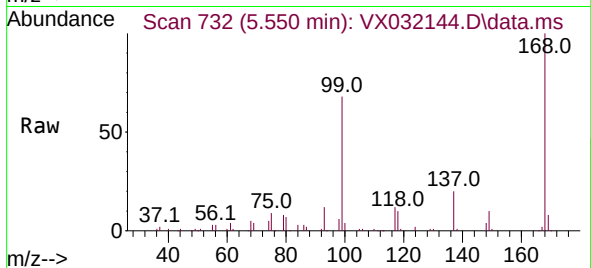




#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

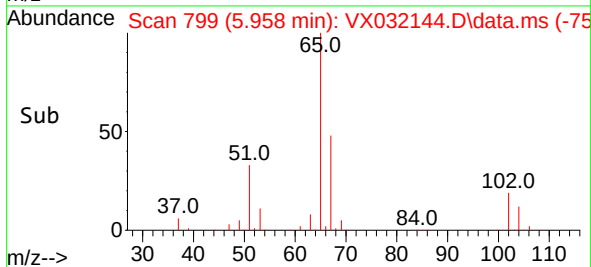
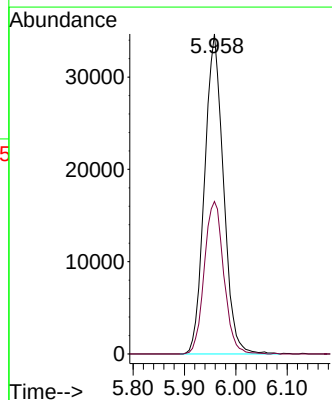
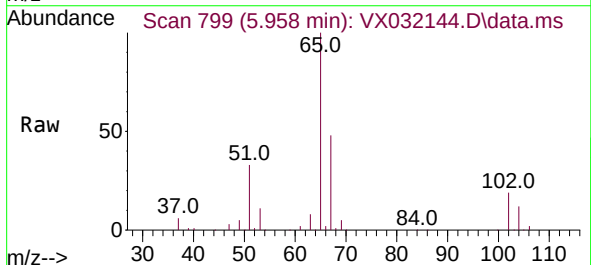
Instrument :
MSVOA_X
ClientSampleId :
MW-6-101322

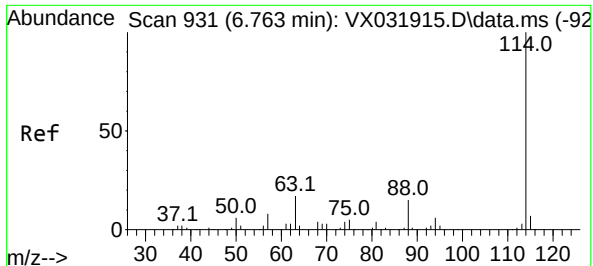
Tgt Ion: 56 Resp: 1995
Ion Ratio Lower Upper
56 100
69 155.6 25.1 37.7#
84 122.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.749 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

Tgt Ion: 65 Resp: 88256
Ion Ratio Lower Upper
65 100
67 49.3 0.0 102.4

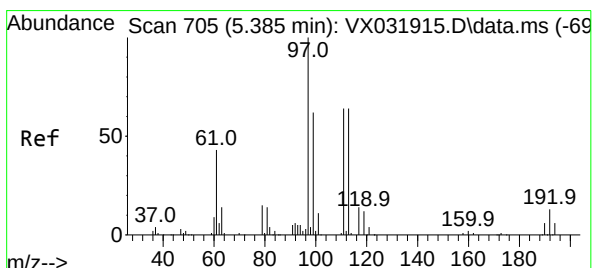
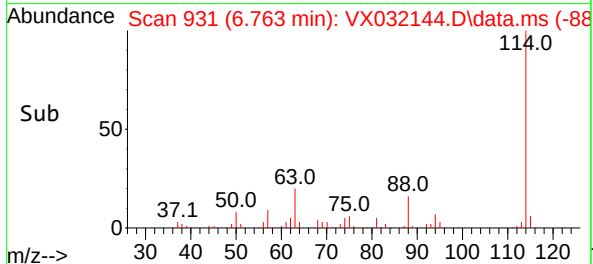
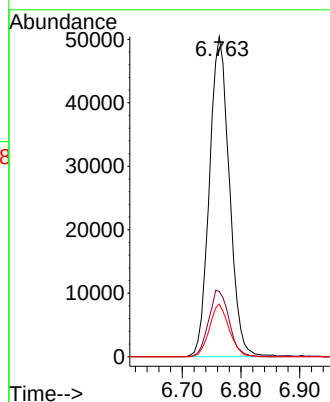
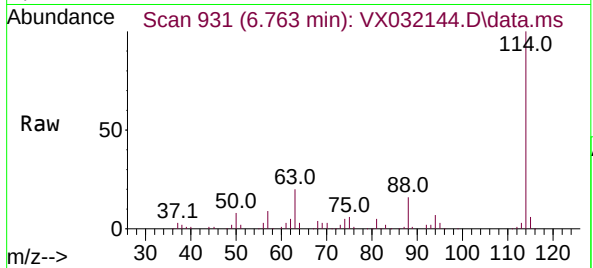




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

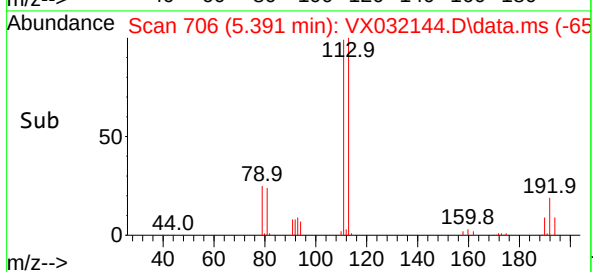
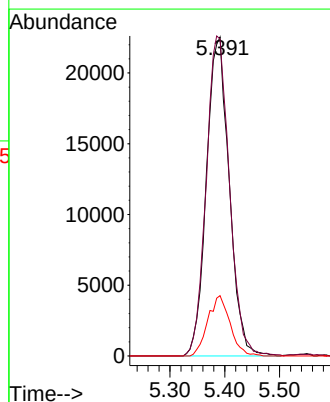
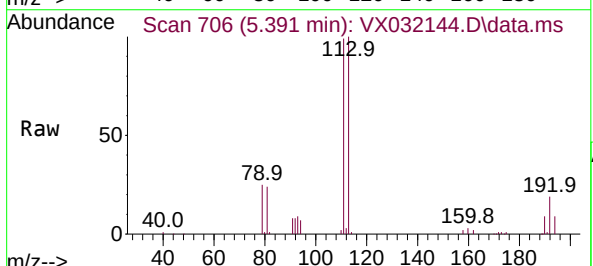
Instrument :
MSVOA_X
ClientSampleId :
MW-6-101322

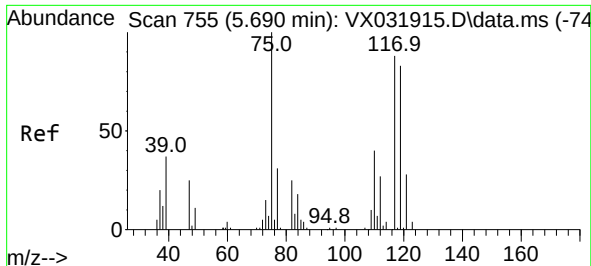
Tgt Ion:114 Resp: 118855
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.292 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

Tgt Ion:113 Resp: 64971
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 18.5 14.1 21.1

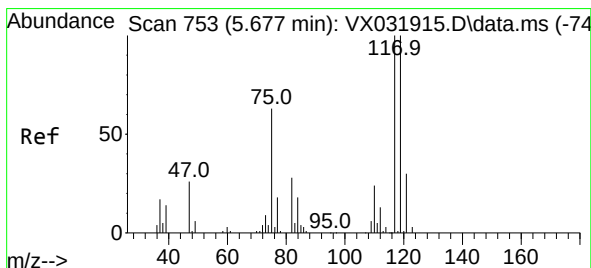
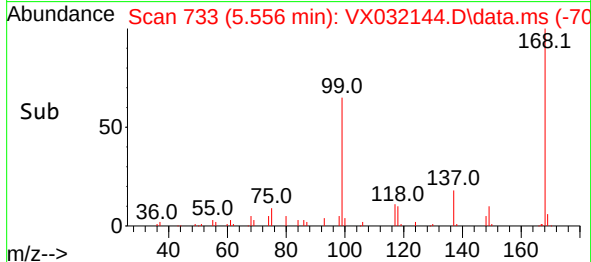
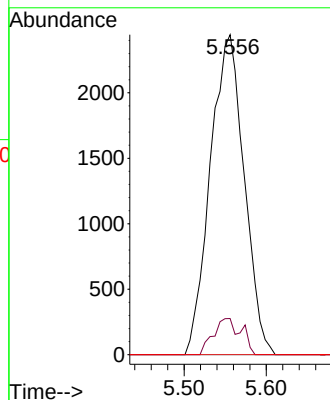
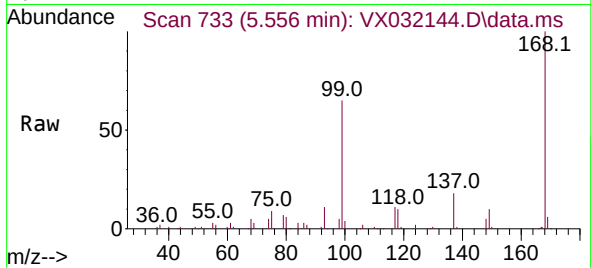




#36
1,1-Dichloropropene
Concen: 3.921 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

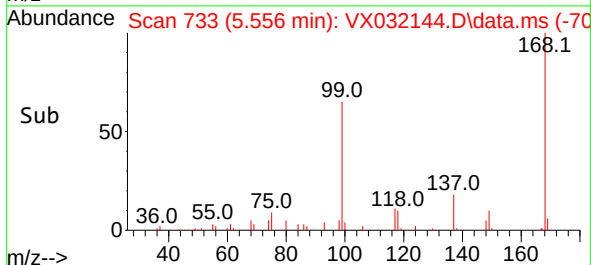
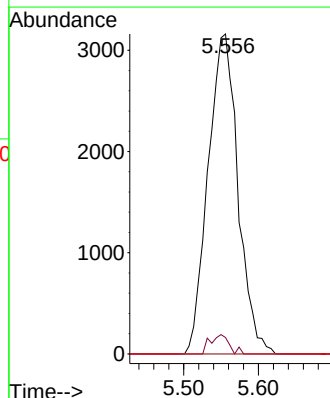
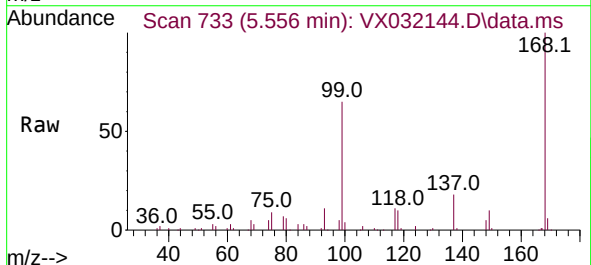
Instrument :
MSVOA_X
ClientSampleId :
MW-6-101322

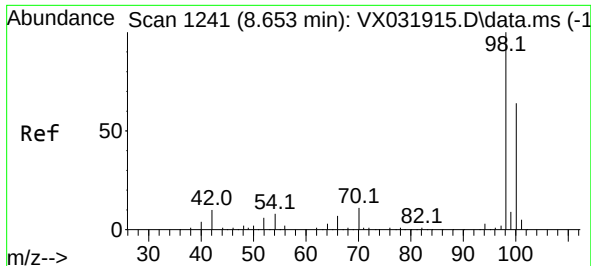
Tgt Ion: 75 Resp: 6996
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.829 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

Tgt Ion: 117 Resp: 8808
Ion Ratio Lower Upper
117 100
119 5.1 74.6 112.0#
121 0.0 25.3 37.9#

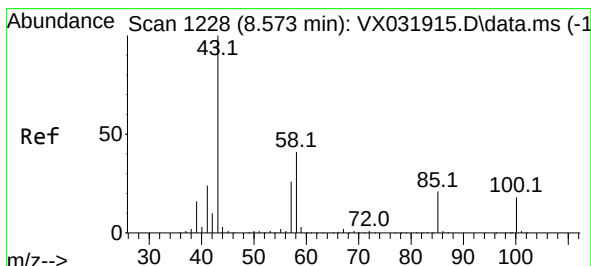
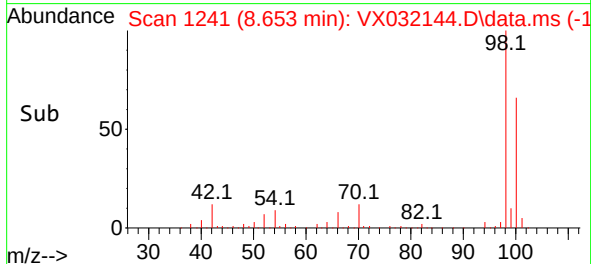
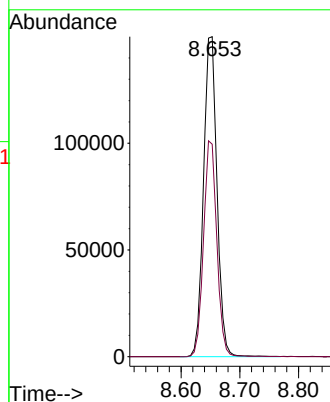
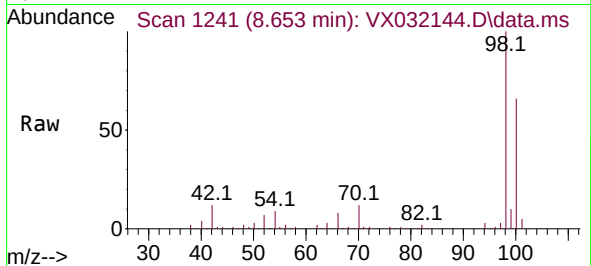




#50
Toluene-d8
Concen: 49.229 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

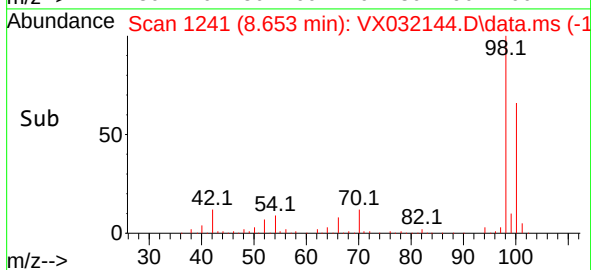
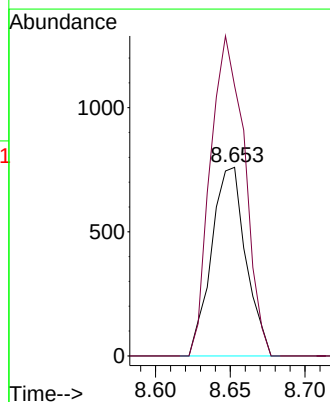
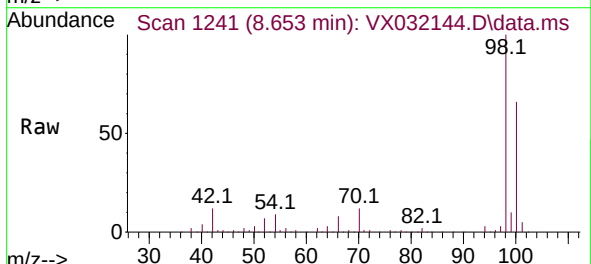
Instrument :
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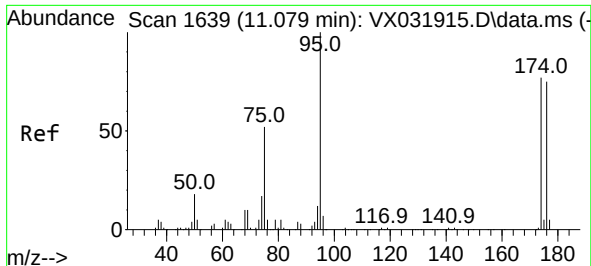
Tgt Ion: 98 Resp: 238324
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.718 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX032144.D
Acq: 14 Oct 2022 18:57

Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
58 168.6 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 47.680 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032144.D

Acq: 14 Oct 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

MW-6-101322

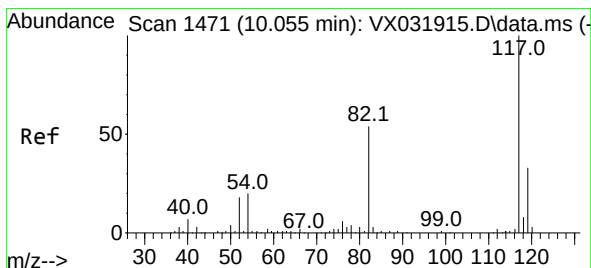
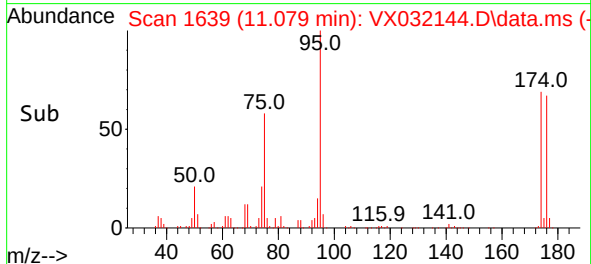
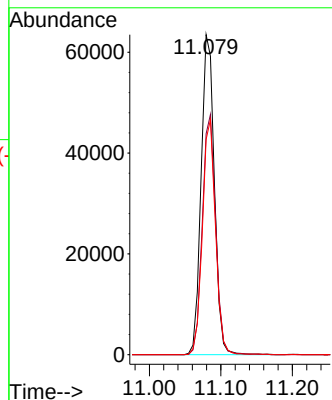
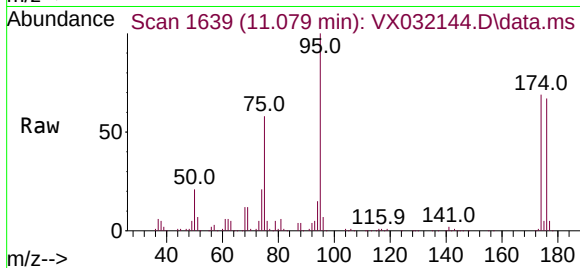
Tgt Ion: 95 Resp: 81602

Ion Ratio Lower Upper

95 100

174 75.6 0.0 153.2

176 72.7 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032144.D

Acq: 14 Oct 2022 18:57

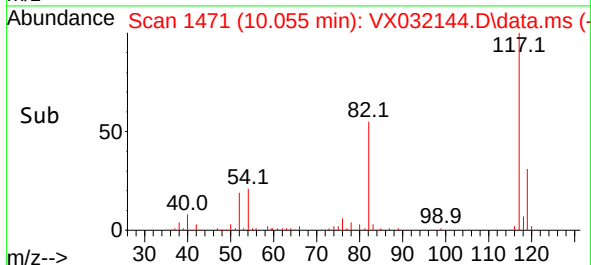
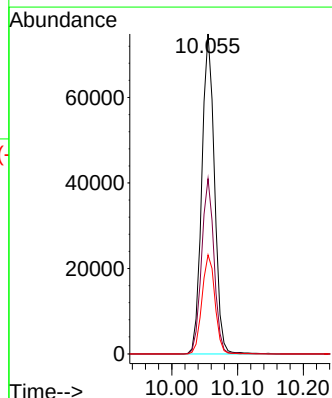
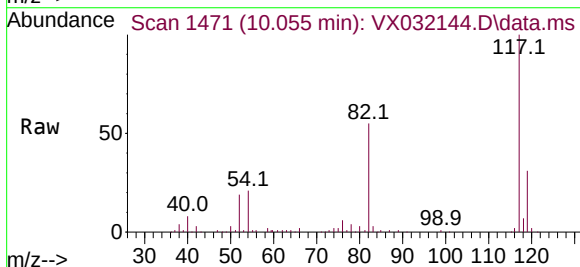
Tgt Ion: 117 Resp: 100502

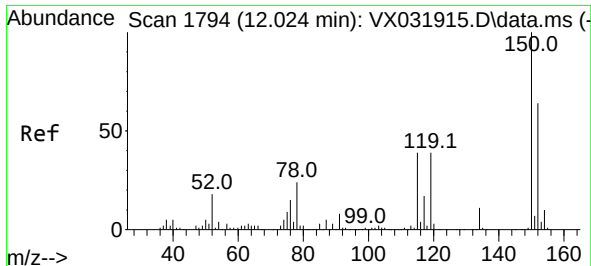
Ion Ratio Lower Upper

117 100

82 54.8 46.8 70.2

119 31.0 26.4 39.6

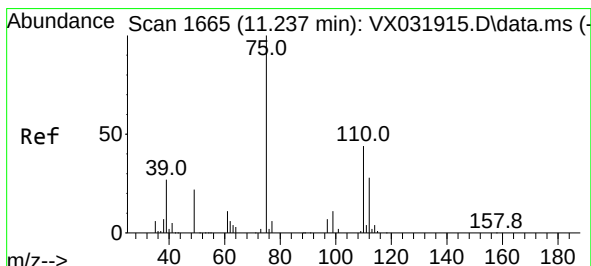
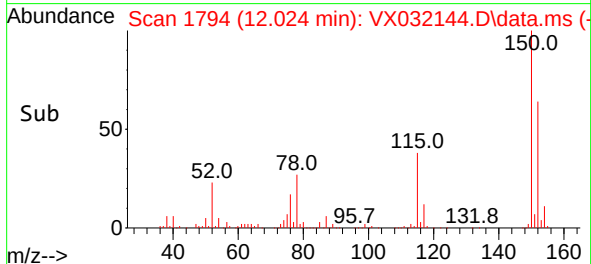
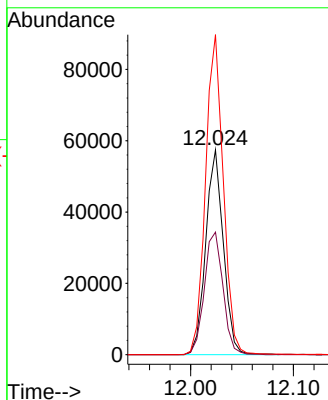
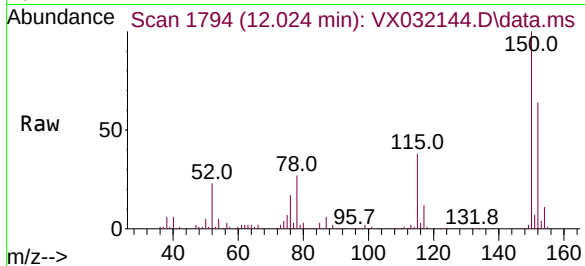




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032144.D
 Acq: 14 Oct 2022 18:57

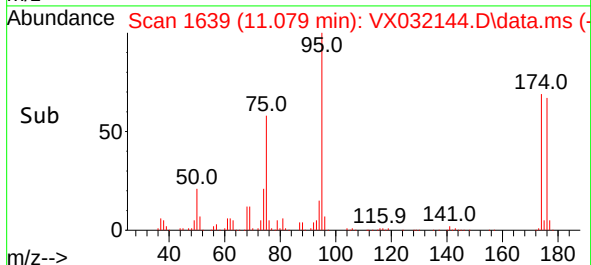
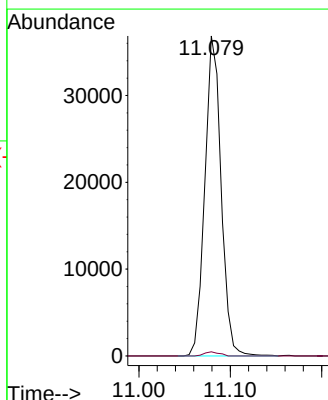
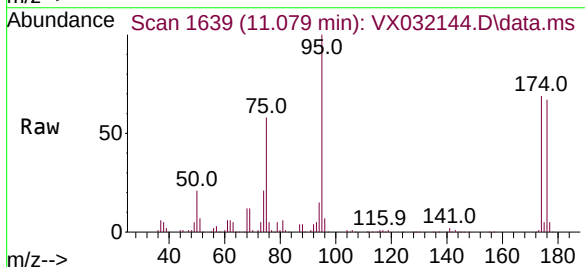
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6-101322

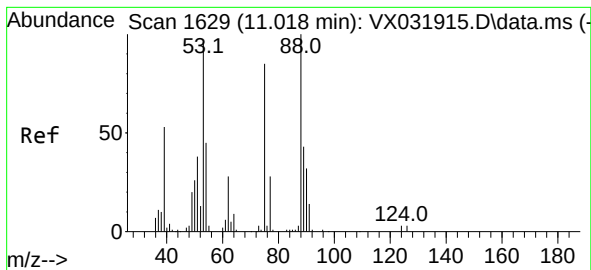
Tgt Ion:152 Resp: 68500
 Ion Ratio Lower Upper
 152 100
 115 63.2 43.4 130.1
 150 157.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 32.395 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX032144.D
 Acq: 14 Oct 2022 18:57

Tgt Ion: 75 Resp: 45480
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.286 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032144.D
 Acq: 14 Oct 2022 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6-101322

Tgt Ion: 75 Resp: 45480
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.2 37.4 56.0#

