

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036142.D
 Acq On : 13 Jun 2023 14:28
 Operator : JC/MD
 Sample : 03173-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-061223

Quant Time: Jun 14 00:54:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

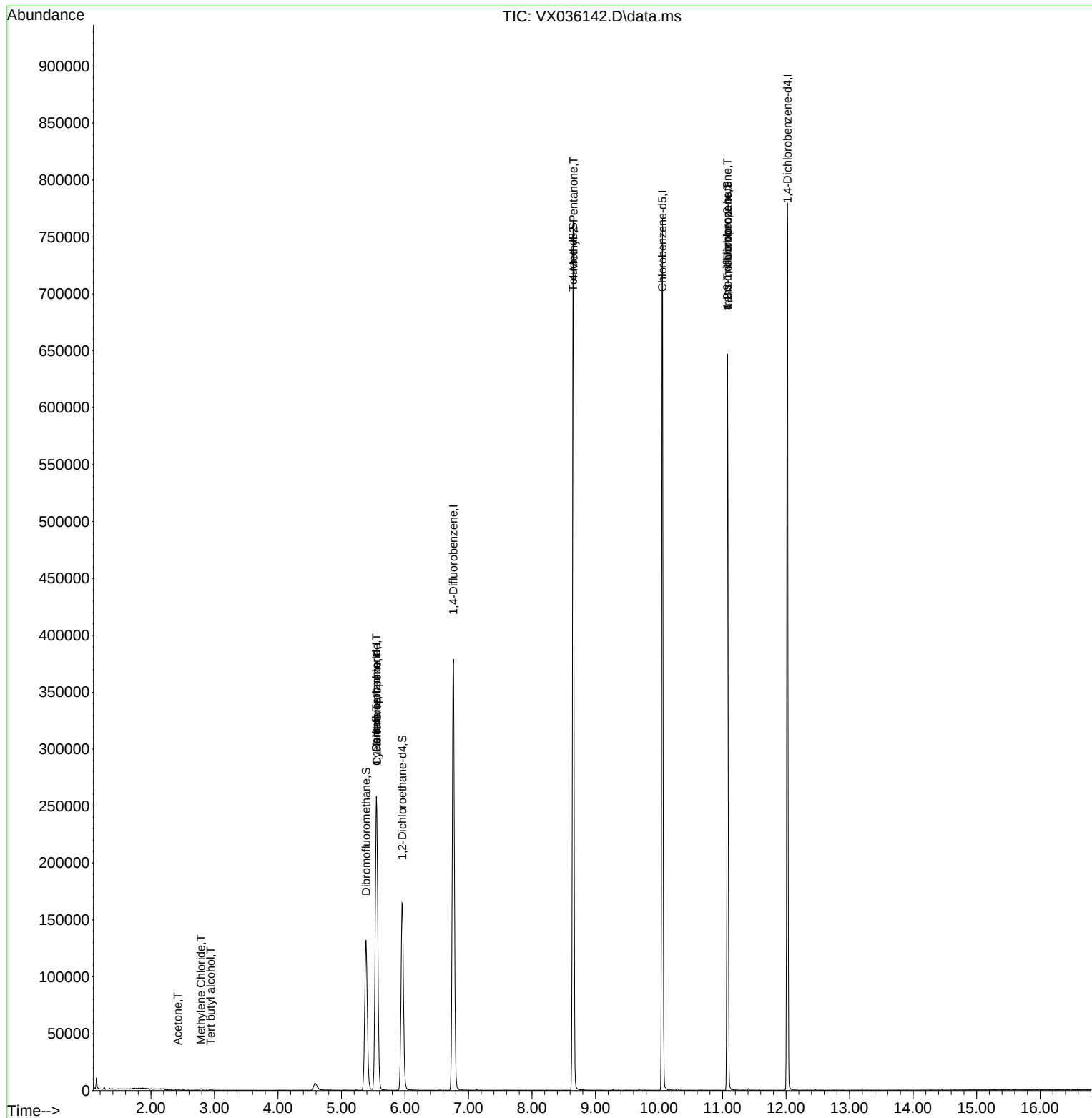
Internal Standards						
1) Pentafluorobenzene	5.550	168	214098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	359184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170806	49.130	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.260%
35) Dibromofluoromethane	5.385	113	112916	46.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.480%
50) Toluene-d8	8.647	98	423529	48.848	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	166712	48.708	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	596	0.965	ug/l #	78
16) Acetone	2.422	43	1402	0.977	ug/l	94
20) Methylene Chloride	2.788	84	637	0.231	ug/l #	79
31) Cyclohexane	5.556	56	5941	1.632	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	21503	6.676	ug/l #	52
38) Carbon Tetrachloride	5.550	117	26886	8.565	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	2220	0.617	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	94062	28.703	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	94062	96.681	ug/l #	3

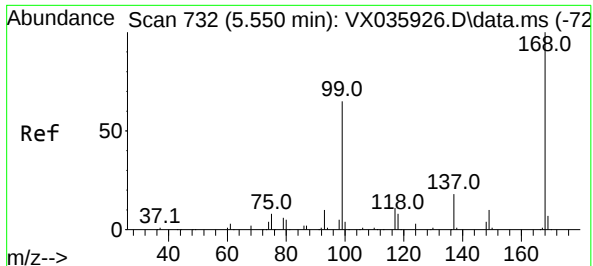
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

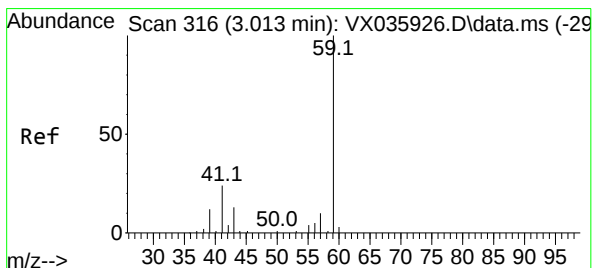
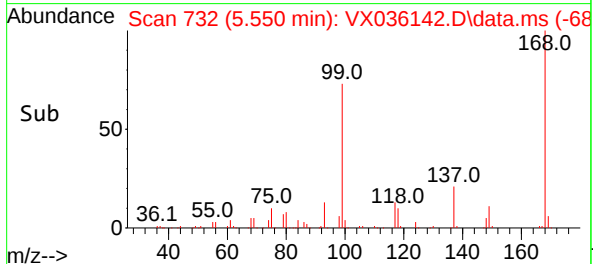
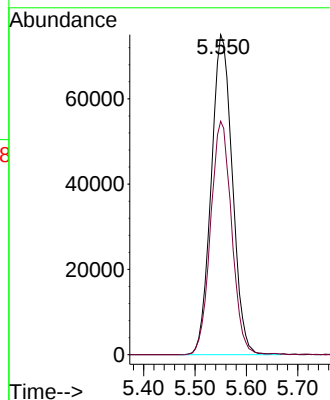
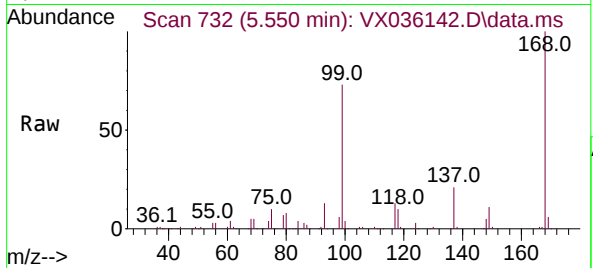




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

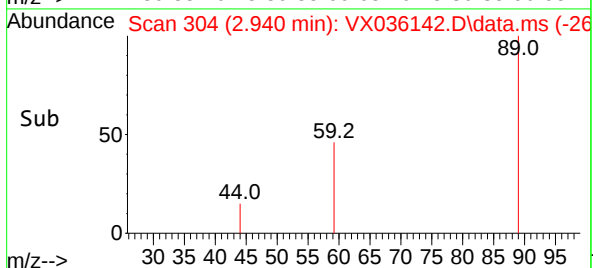
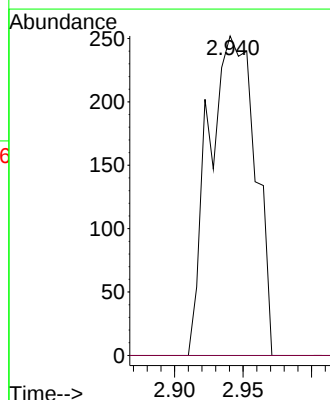
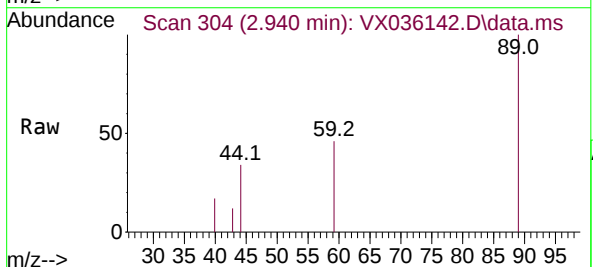
Instrument :
MSVOA_X
ClientSampleId :
TB-01-061223

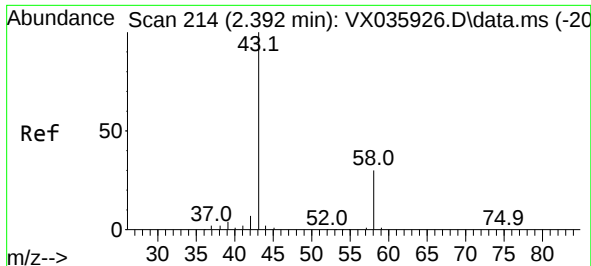
Tgt Ion:168 Resp: 214098
Ion Ratio Lower Upper
168 100
99 73.0 57.0 85.6



#11
Tert butyl alcohol
Concen: 0.965 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

Tgt Ion: 59 Resp: 596
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

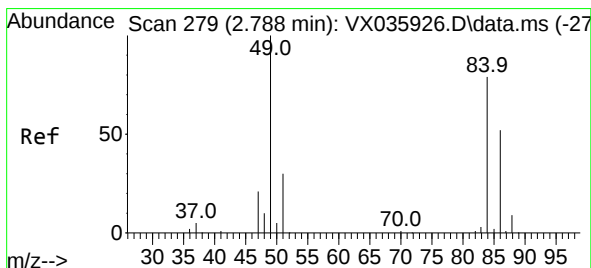
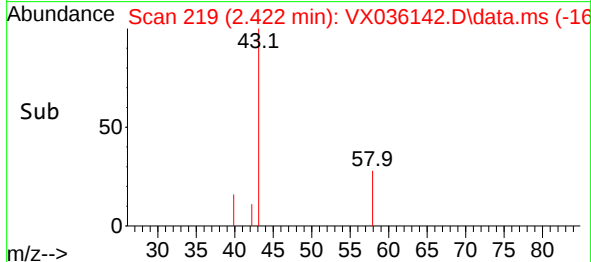
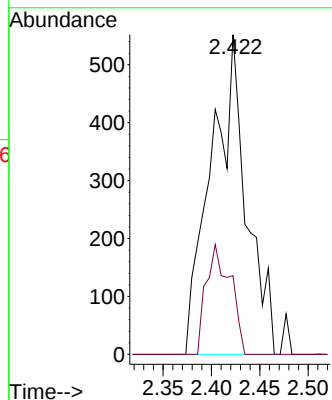
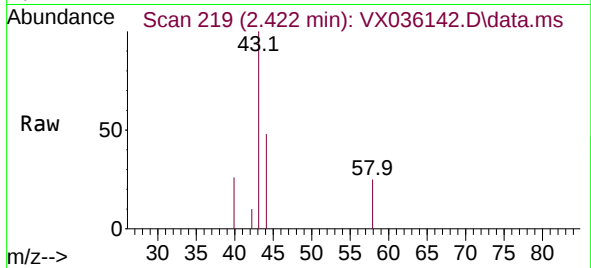




#16
Acetone
Concen: 0.977 ug/l
RT: 2.422 min Scan# 214
Delta R.T. 0.031 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

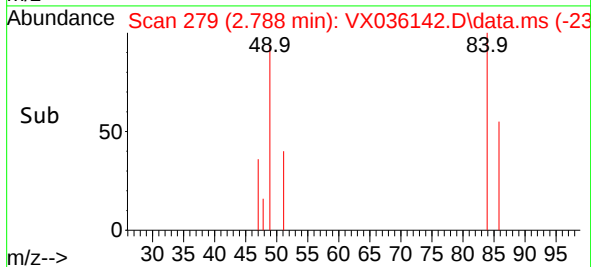
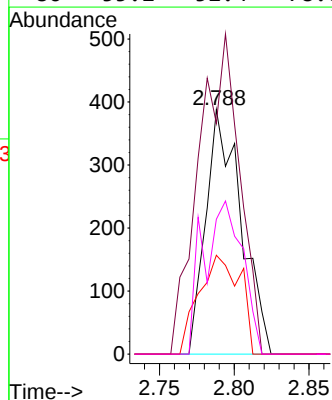
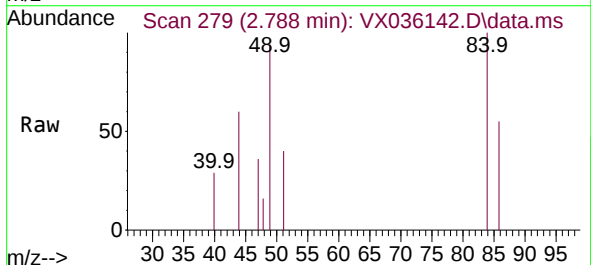
Instrument :
MSVOA_X
ClientSampleId :
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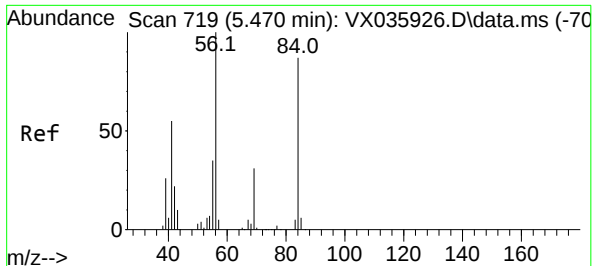
Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
58 24.6 22.2 33.2



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

Tgt Ion: 84 Resp: 637
Ion Ratio Lower Upper
84 100
49 94.3 104.6 156.8#
51 40.5 32.2 48.4
86 55.2 52.4 78.6

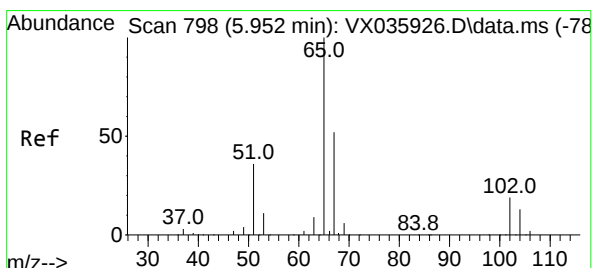
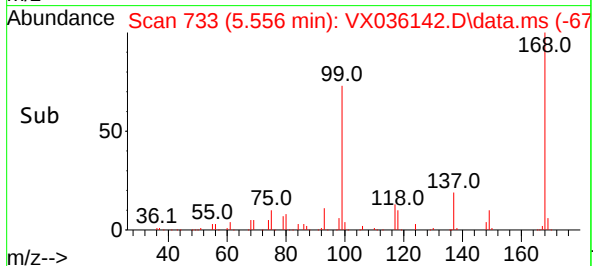
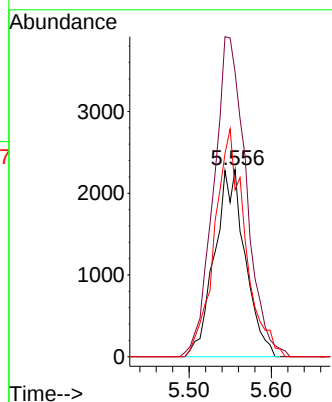
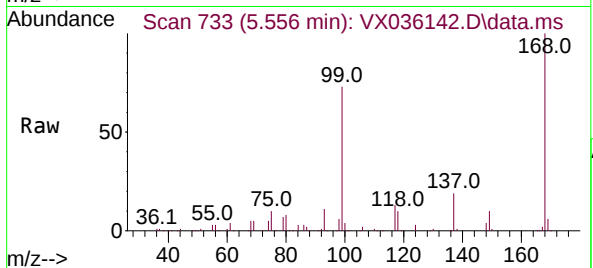




#31
Cyclohexane
Concen: 1.632 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

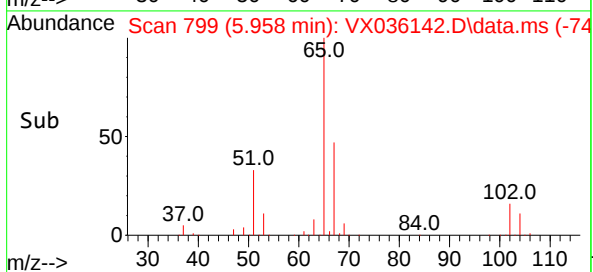
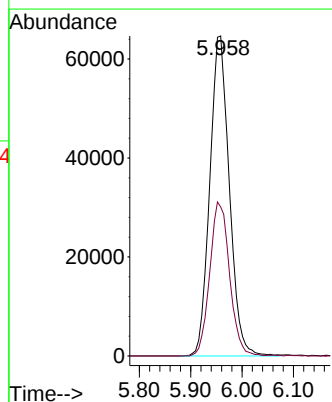
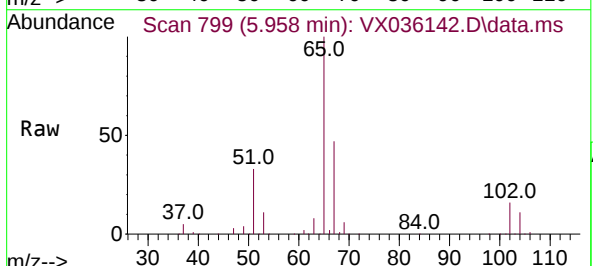
Instrument :
MSVOA_X
ClientSampleId :
TB-01-061223

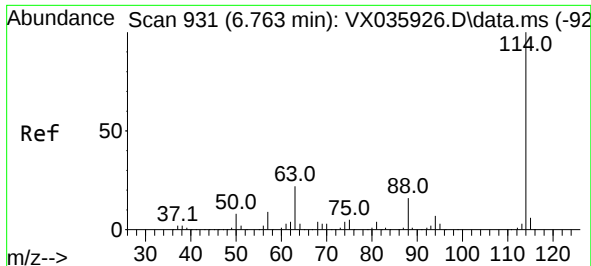
Tgt Ion: 56 Resp: 5941
Ion Ratio Lower Upper
56 100
69 151.9 25.9 38.9#
84 89.1 67.6 101.4



#33
1,2-Dichloroethane-d4
Concen: 49.130 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

Tgt Ion: 65 Resp: 170806
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.6

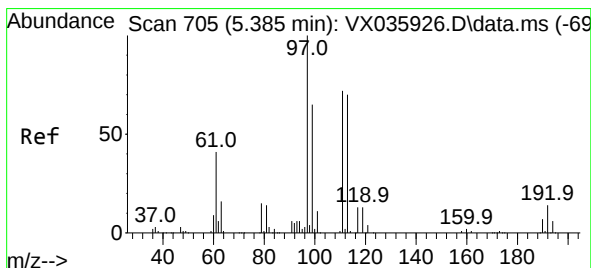
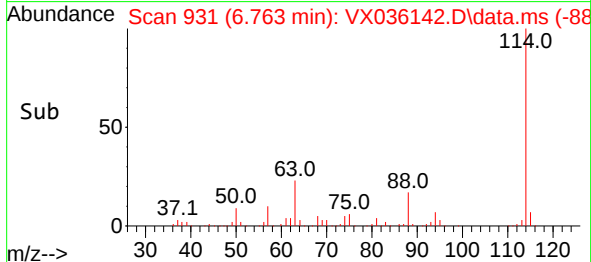
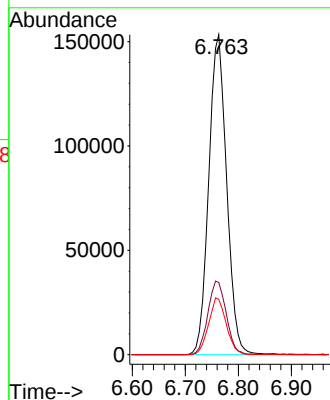
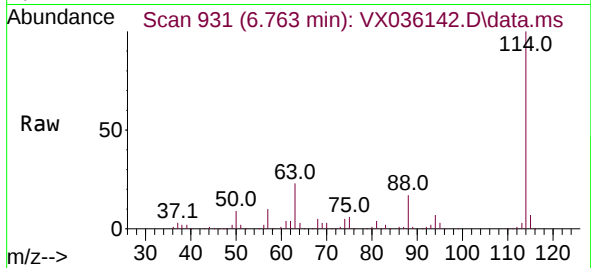




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

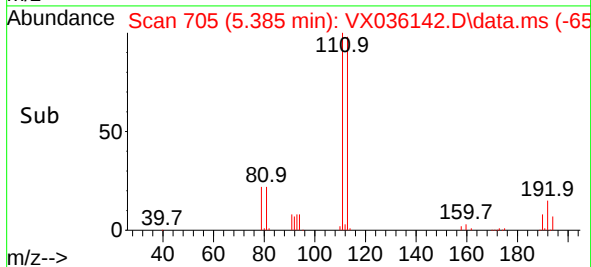
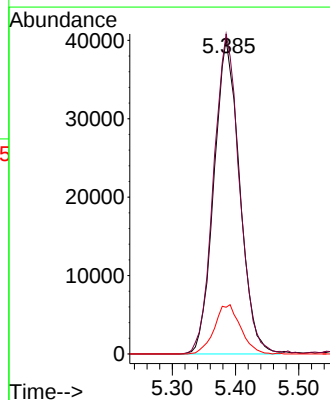
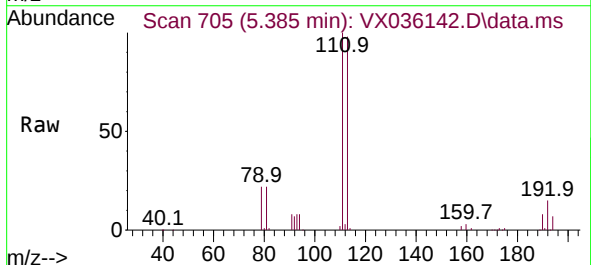
Instrument :
MSVOA_X
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TB-01-061223

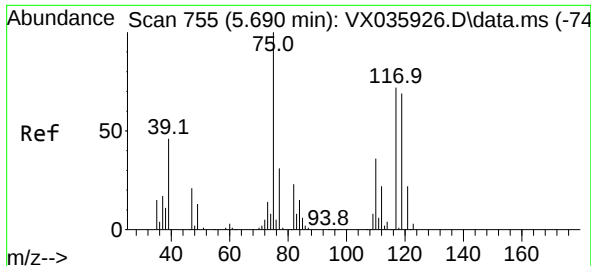
Tgt Ion:114 Resp: 359184
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.0
88 17.3 0.0 35.2



#35
Dibromofluoromethane
Concen: 46.740 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

Tgt Ion:113 Resp: 112916
Ion Ratio Lower Upper
113 100
111 102.6 81.7 122.5
192 16.0 13.5 20.3

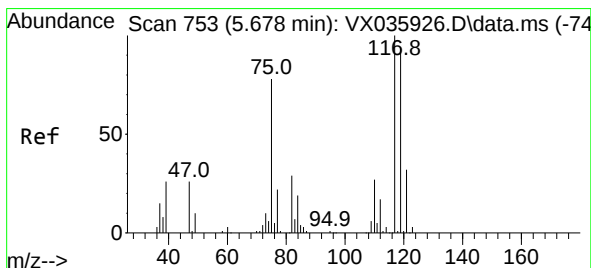
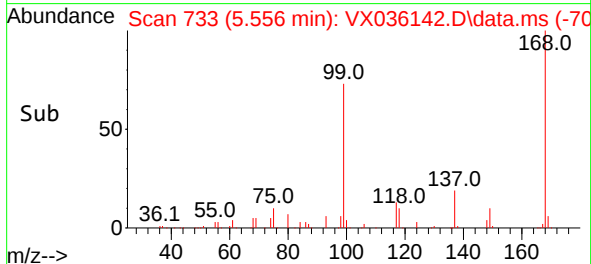
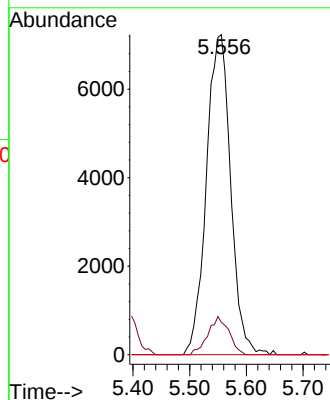
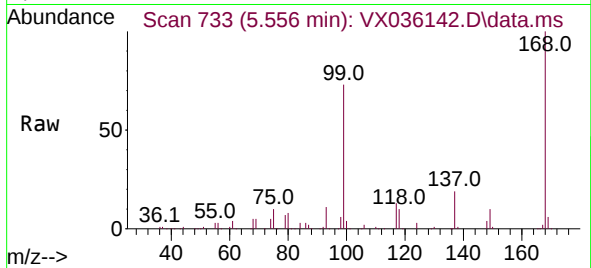




#36
1,1-Dichloropropene
Concen: 6.676 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

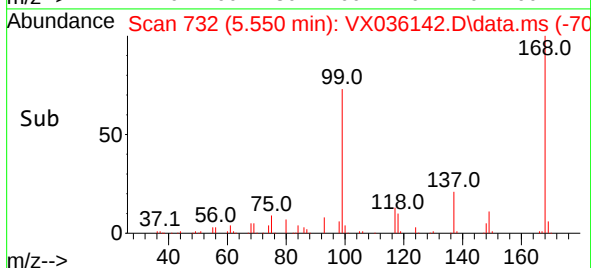
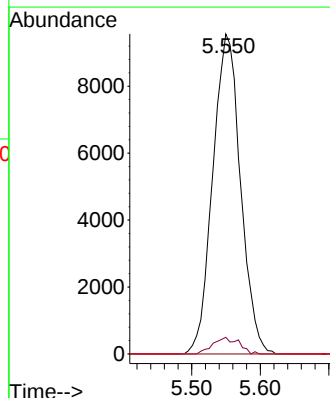
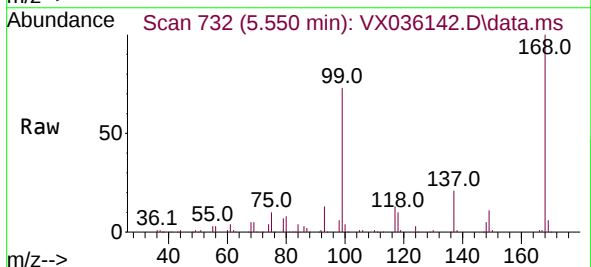
Instrument :
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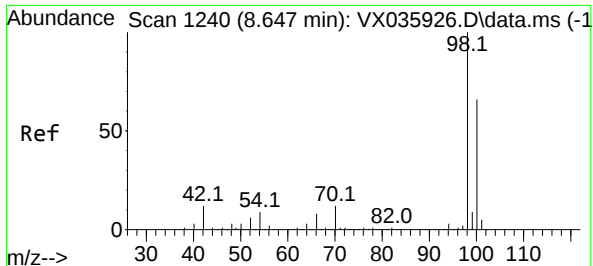
Tgt Ion: 75 Resp: 21503
Ion Ratio Lower Upper
75 100
110 10.3 16.6 49.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 8.565 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

Tgt Ion: 117 Resp: 26886
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.0 37.4#

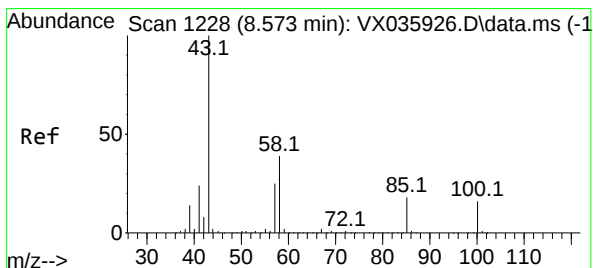
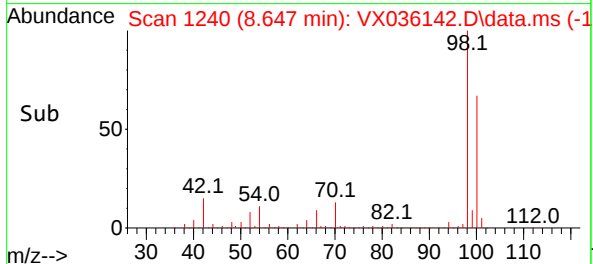
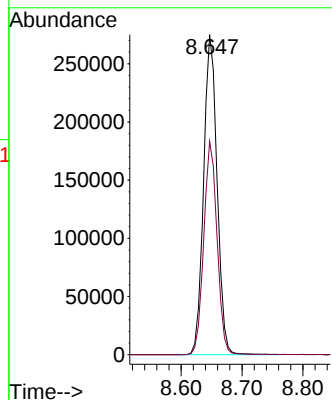
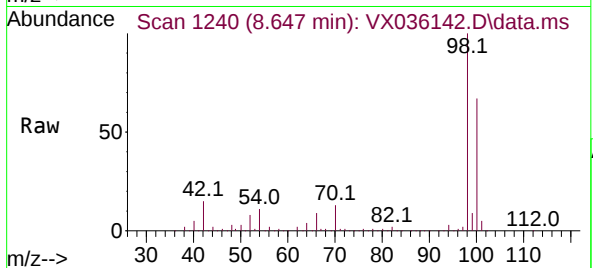




#50
Toluene-d8
Concen: 48.848 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

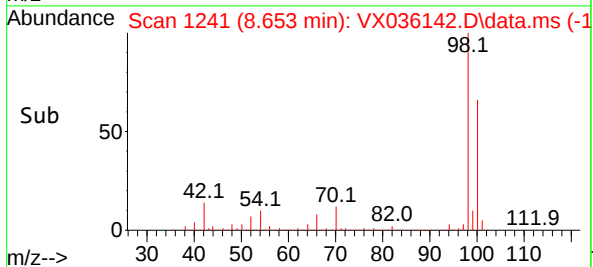
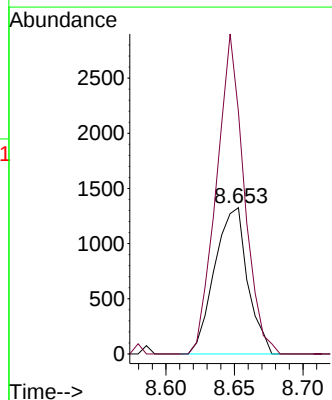
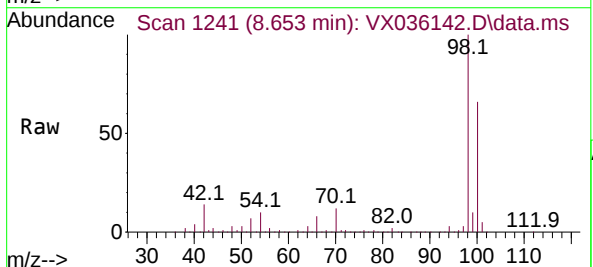
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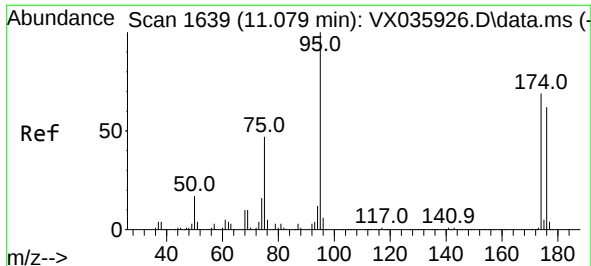
Tgt Ion: 98 Resp: 423529
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX036142.D
Acq: 13 Jun 2023 14:28

Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
58 183.3 30.1 45.1#





#62

4-Bromofluorobenzene

Concen: 48.708 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036142.D

Acq: 13 Jun 2023 14:28

Instrument :

MSVOA_X

ClientSampleId :

TB-01-061223

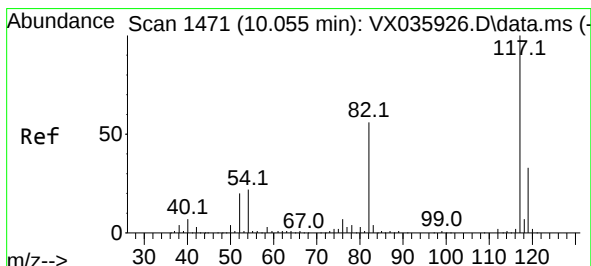
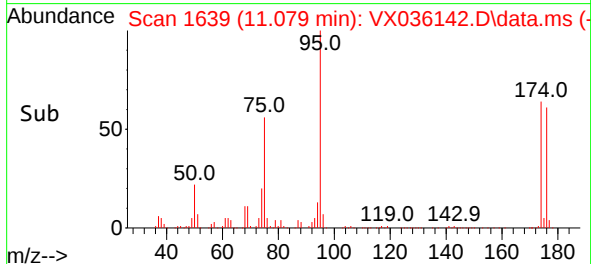
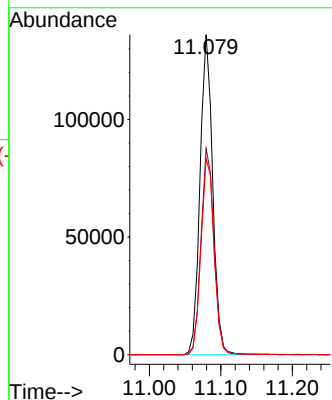
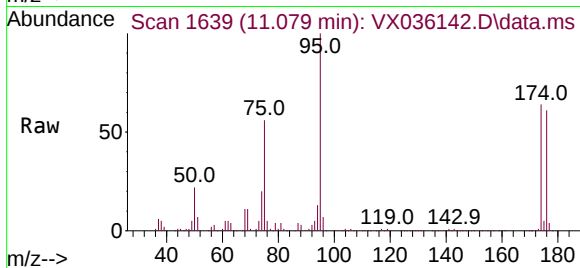
Tgt Ion: 95 Resp: 166712

Ion Ratio Lower Upper

95 100

174 66.6 0.0 132.6

176 63.4 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: VX036142.D

Acq: 13 Jun 2023 14:28

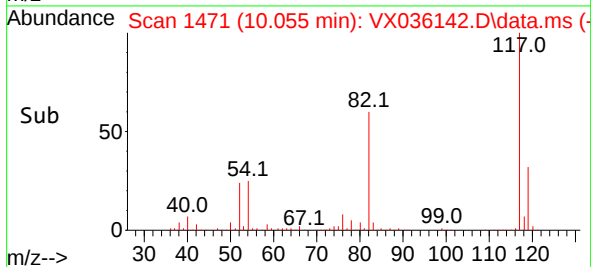
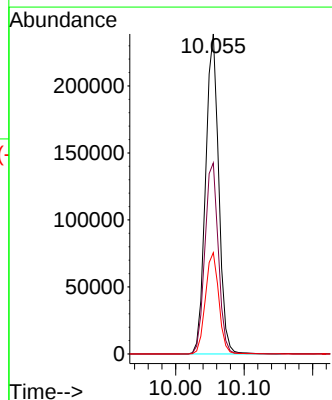
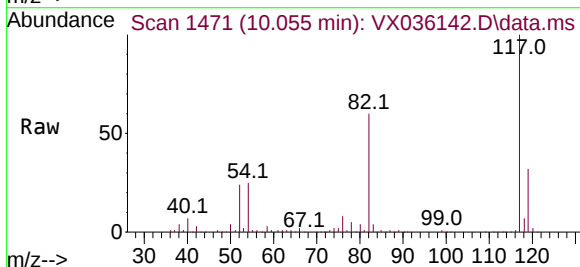
Tgt Ion: 117 Resp: 319019

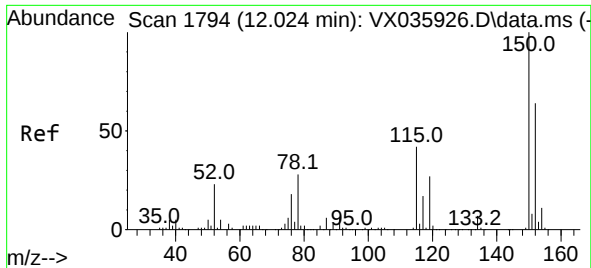
Ion Ratio Lower Upper

117 100

82 59.7 46.6 69.8

119 31.7 25.4 38.2

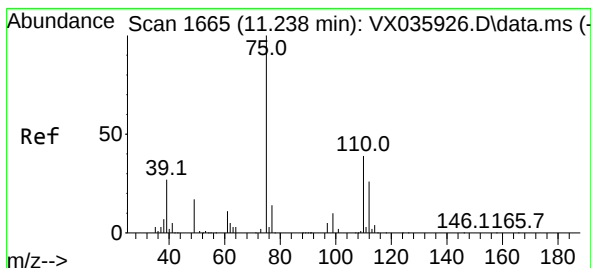
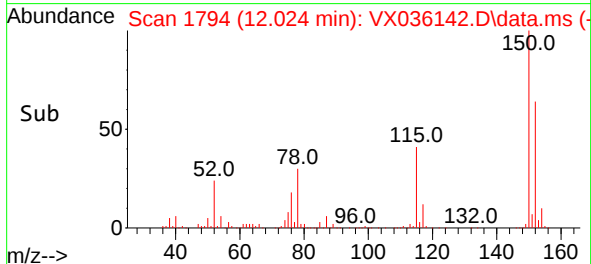
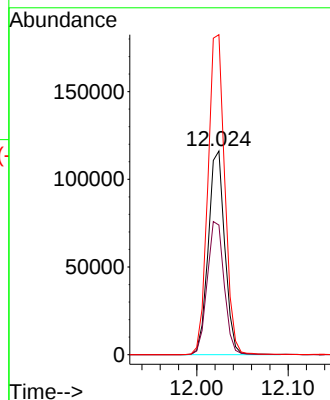
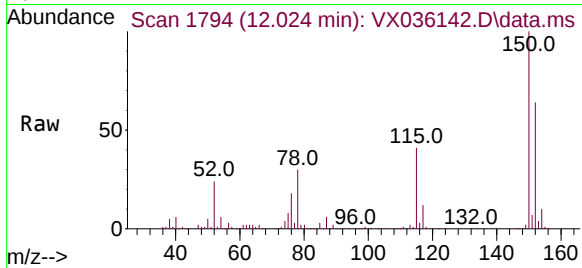




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX036142.D
 Acq: 13 Jun 2023 14:28

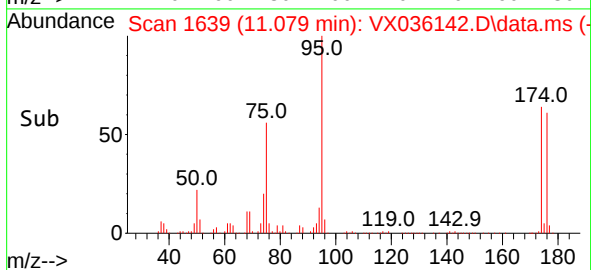
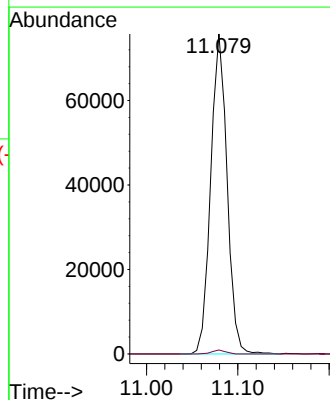
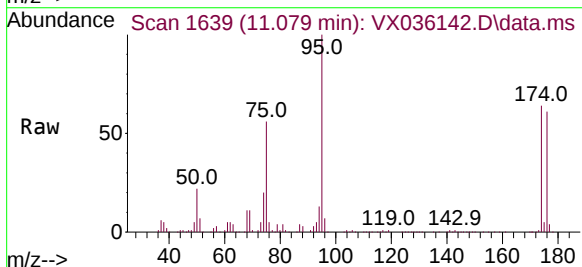
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-061223

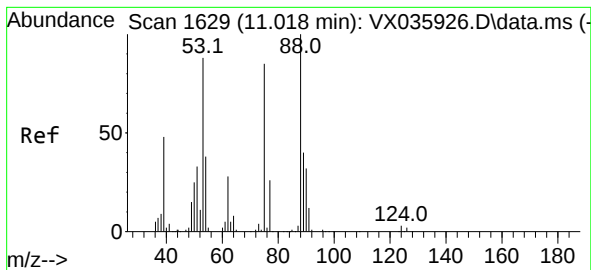
Tgt Ion:152 Resp: 145297
 Ion Ratio Lower Upper
 152 100
 115 67.0 45.5 136.5
 150 160.6 0.0 345.2



#76
 1,2,3-Trichloropropane
 Concen: 28.703 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX036142.D
 Acq: 13 Jun 2023 14:28

Tgt Ion: 75 Resp: 94062
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.681 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX036142.D
 Acq: 13 Jun 2023 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-061223

Tgt Ion: 75 Resp: 94062
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.2 142.8#
 89 0.0 38.0 57.0#

