

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036964.D
 Acq On : 14 Aug 2023 15:00
 Operator : JC/MD
 Sample : 03994-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230811

Quant Time: Aug 15 01:29:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

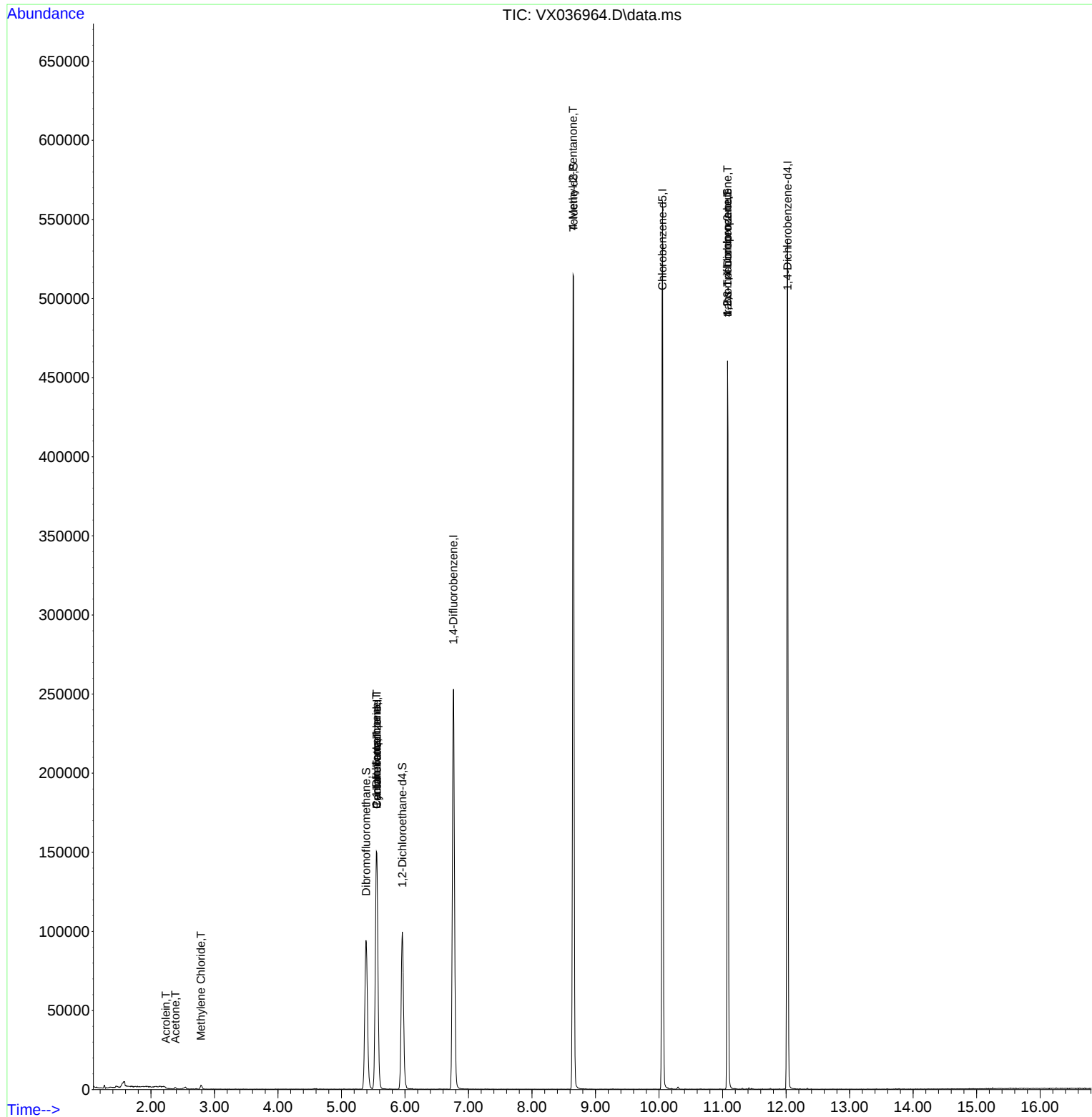
Internal Standards						
1) Pentafluorobenzene	5.556	168	140522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99277	47.747	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.500%
35) Dibromofluoromethane	5.385	113	82827	46.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%
50) Toluene-d8	8.653	98	312982	49.598	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	123101	51.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.420%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	61	0.217	ug/l #	1
16) Acetone	2.386	43	1157	1.341	ug/l #	80
20) Methylene Chloride	2.788	84	1298	0.676	ug/l	88
31) Cyclohexane	5.556	56	3055	1.061	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11479	4.328	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14965	5.307	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1385	0.484	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	64381	24.085	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64381	54.590	ug/l #	5

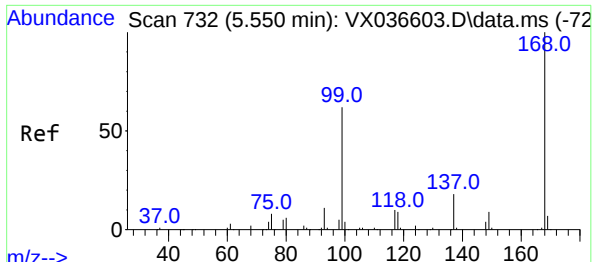
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

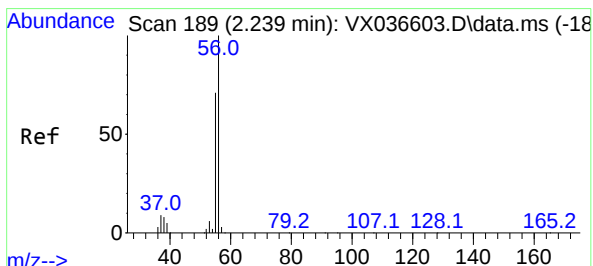
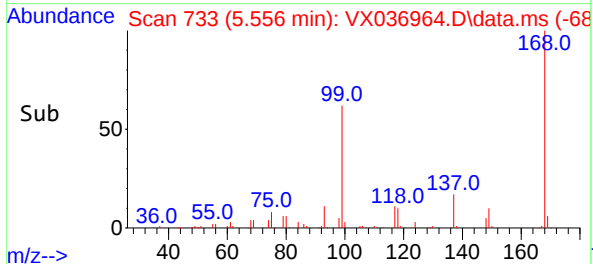
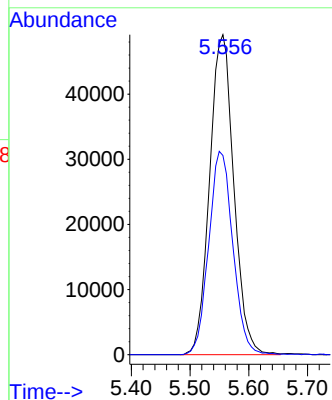
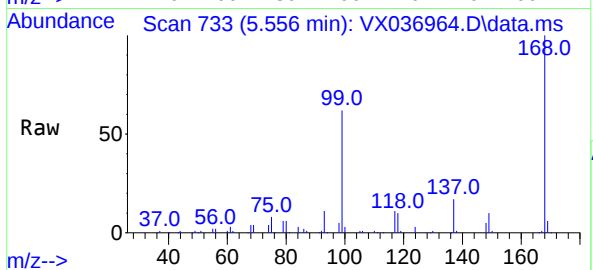




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

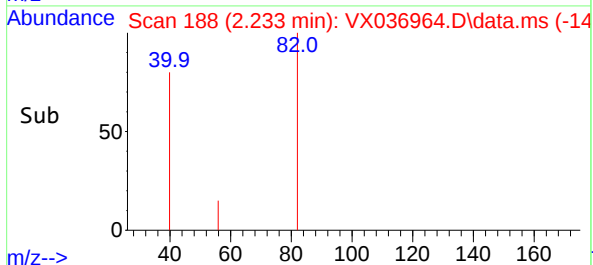
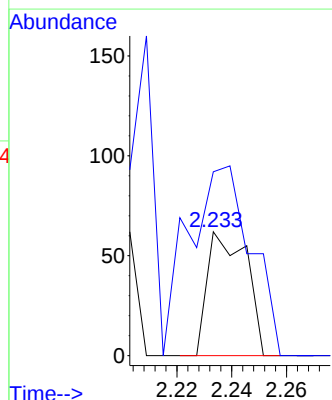
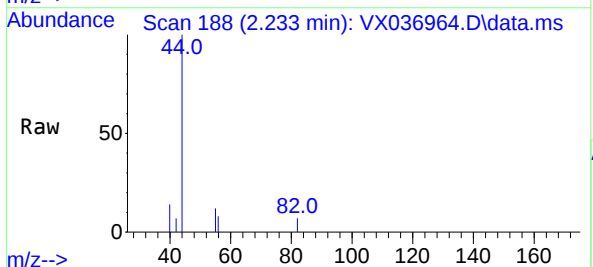
Instrument :
MSVOA_X
ClientSampleId :
TB-20230811

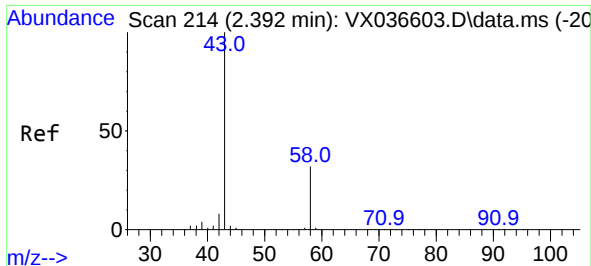
Tgt Ion:168 Resp: 140522
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#13
Acrolein
Concen: 0.217 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 173.8 57.1 85.7#

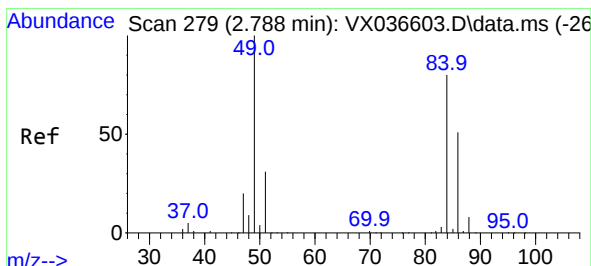
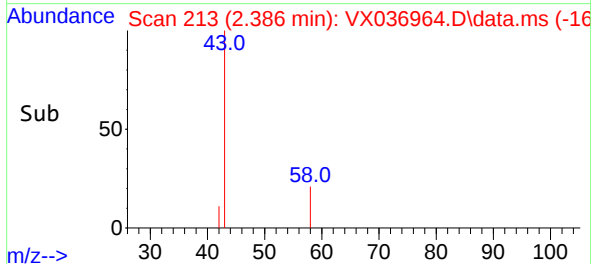
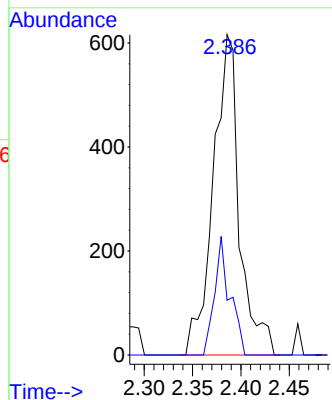
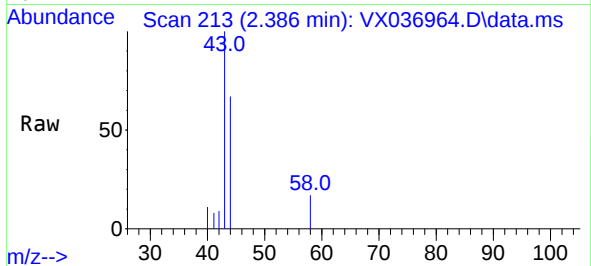




#16
Acetone
Concen: 1.341 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

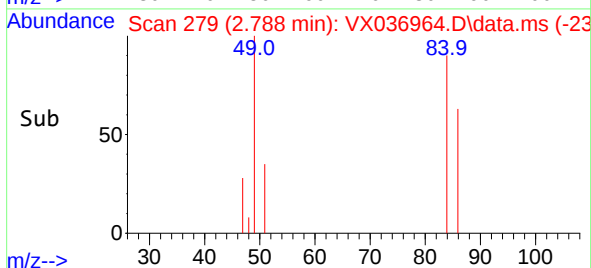
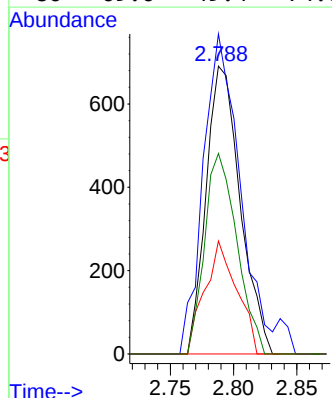
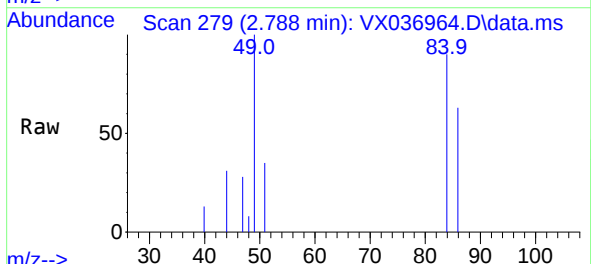
Instrument :
MSVOA_X
ClientSampleId :
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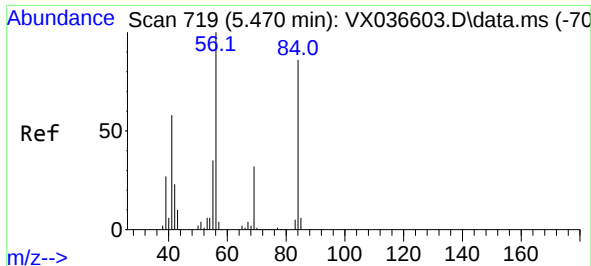
Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
58 17.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.676 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion: 84 Resp: 1298
Ion Ratio Lower Upper
84 100
49 111.1 103.6 155.4
51 39.2 33.8 50.6
86 69.6 49.4 74.0

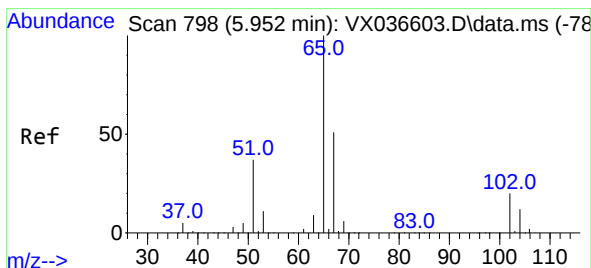
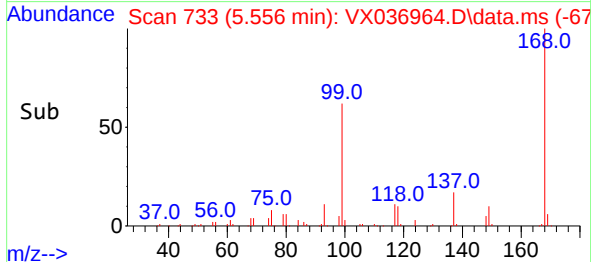
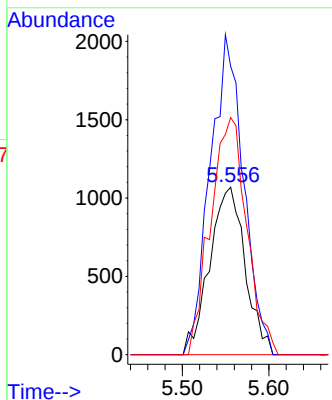
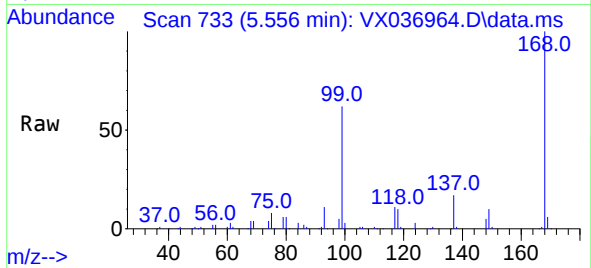




#31
Cyclohexane
Concen: 1.061 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

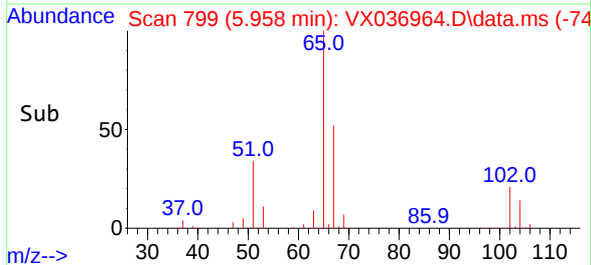
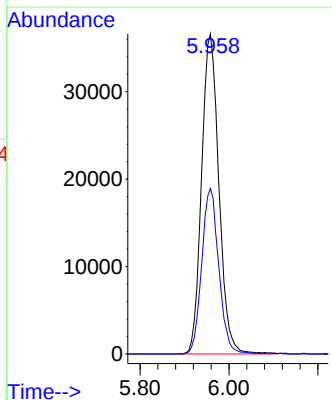
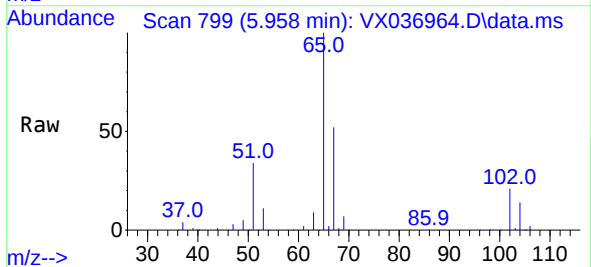
Instrument :
MSVOA_X
ClientSampleId :
TB-20230811

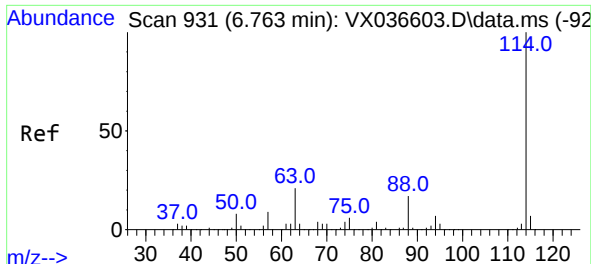
Tgt Ion: 56 Resp: 3055
Ion Ratio Lower Upper
56 100
69 172.1 23.4 35.2#
84 141.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.747 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion: 65 Resp: 99277
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

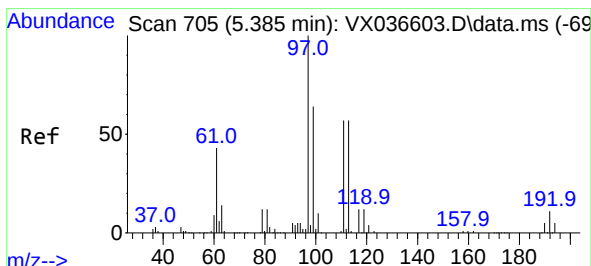
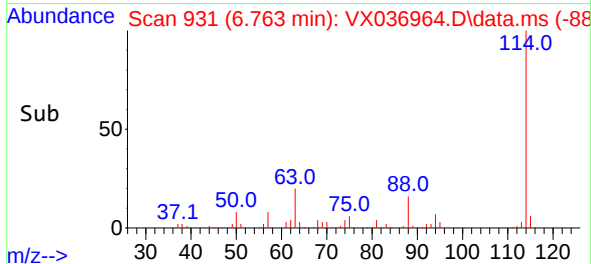
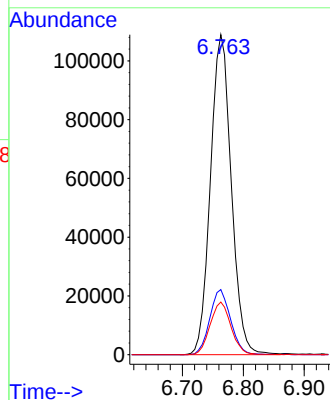
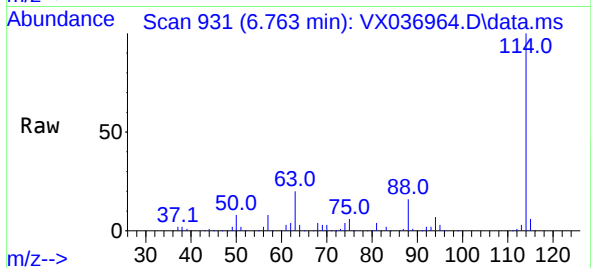




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

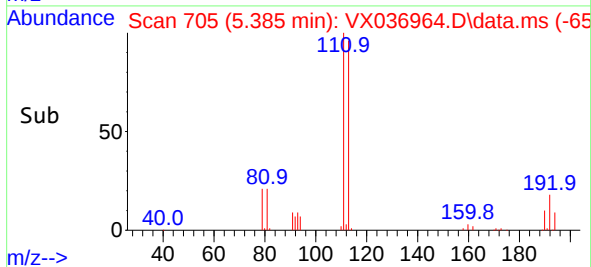
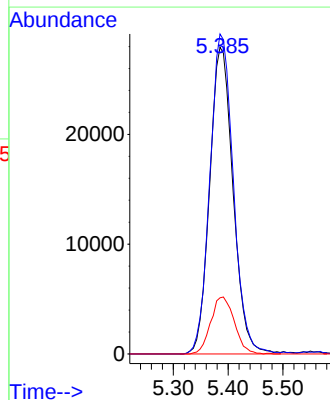
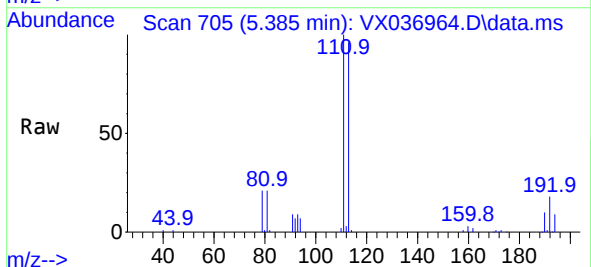
Instrument :
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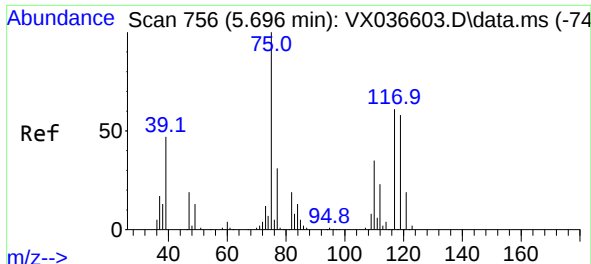
Tgt Ion:114 Resp: 258889
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.546 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion:113 Resp: 82827
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 18.7 13.3 19.9

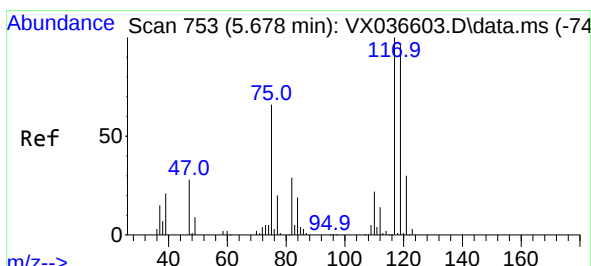
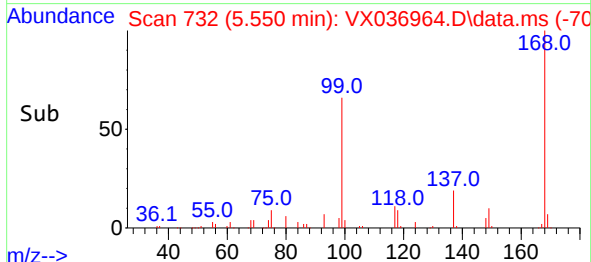
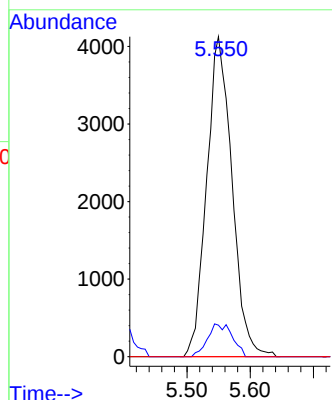
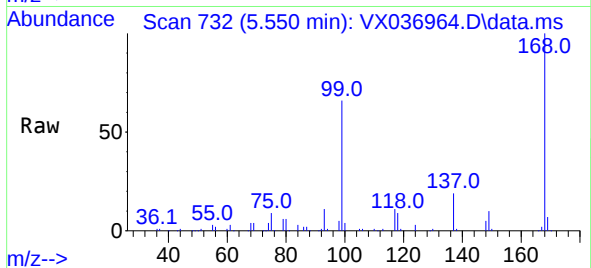




#36
1,1-Dichloropropene
Concen: 4.328 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

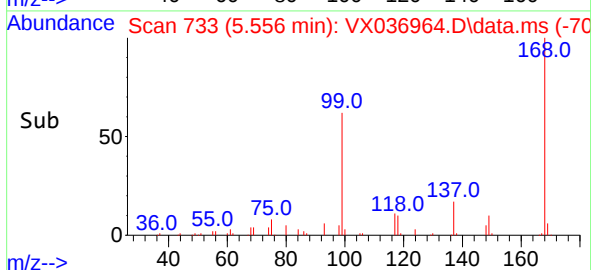
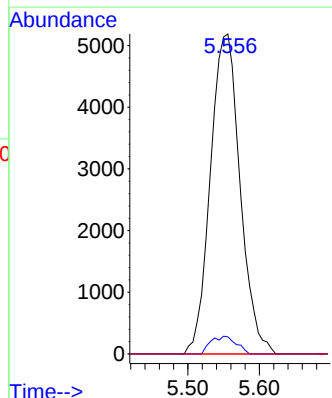
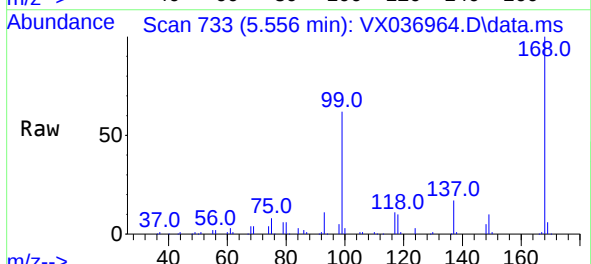
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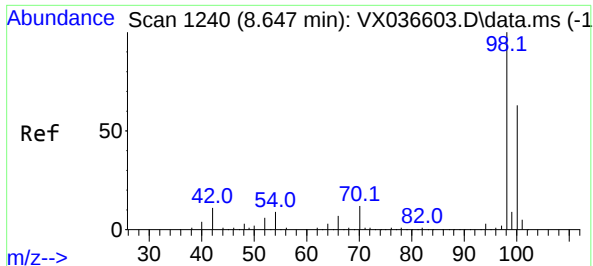
Tgt Ion: 75 Resp: 11479
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.307 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion: 117 Resp: 14965
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

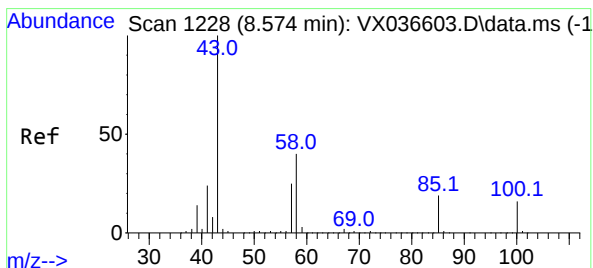
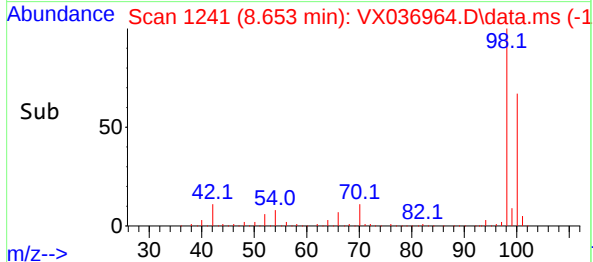
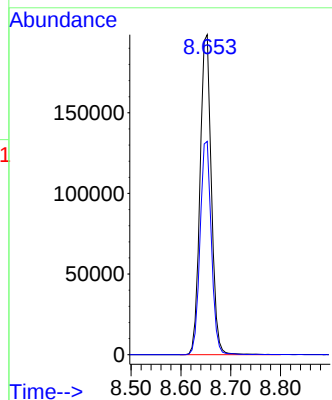
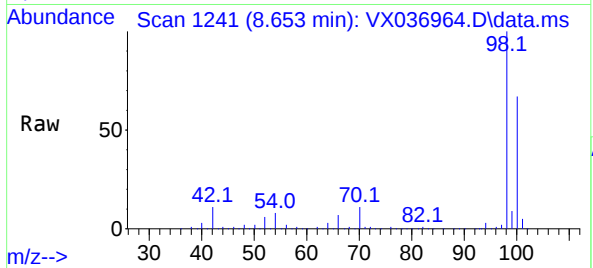




#50
Toluene-d8
Concen: 49.598 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

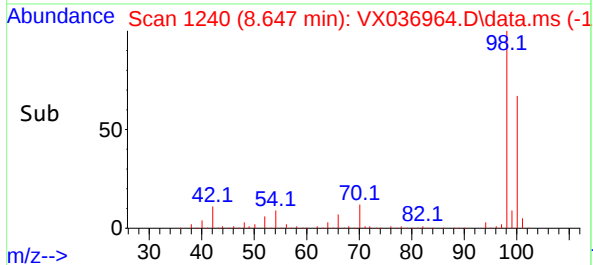
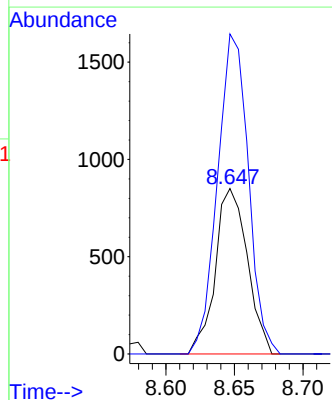
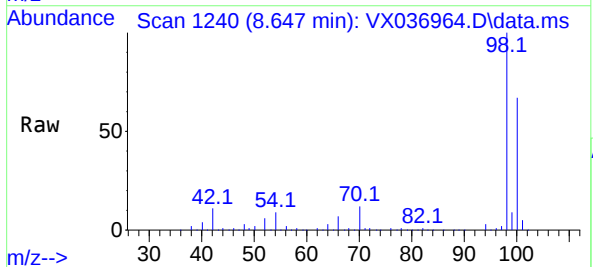
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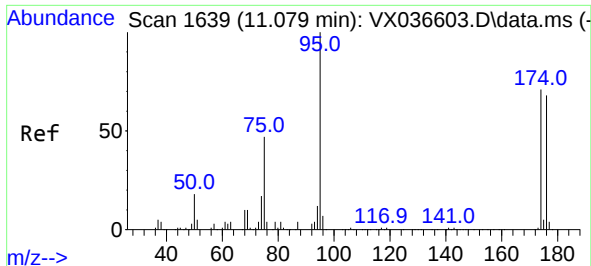
Tgt Ion: 98 Resp: 312982
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
58 186.0 30.4 45.6#

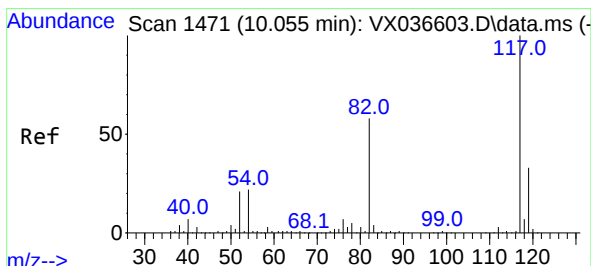
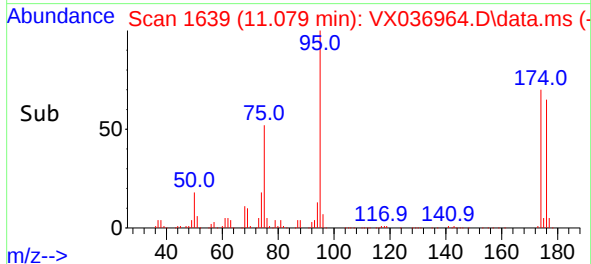
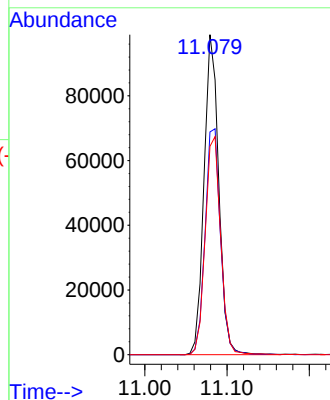
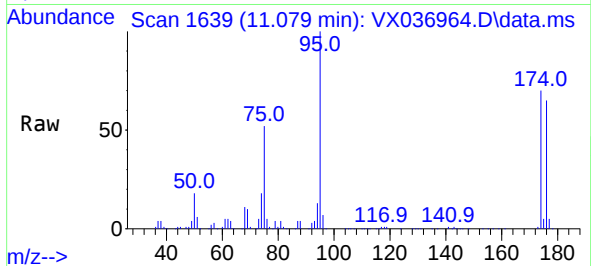




#62
4-Bromofluorobenzene
Concen: 51.706 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

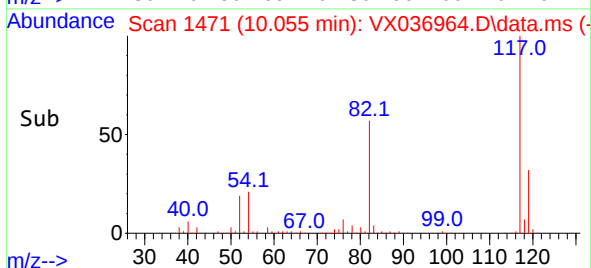
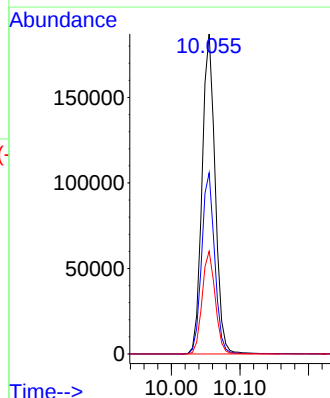
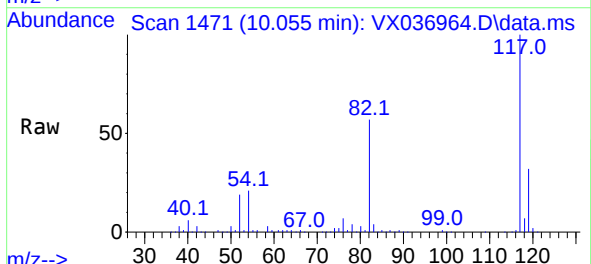
Instrument :
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TB-20230811

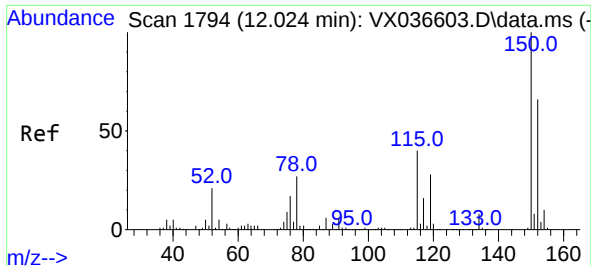
Tgt Ion: 95 Resp: 123101
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion: 117 Resp: 248780
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.1 25.5 38.3

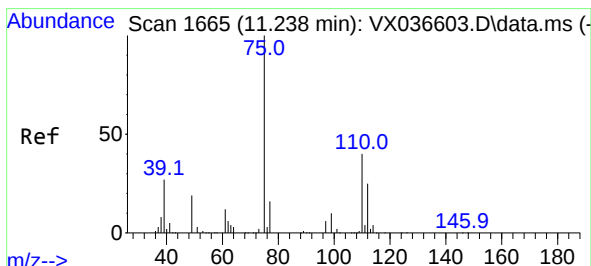
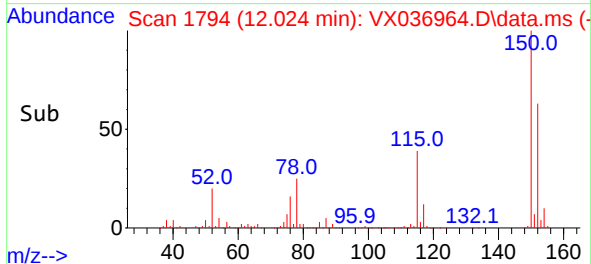
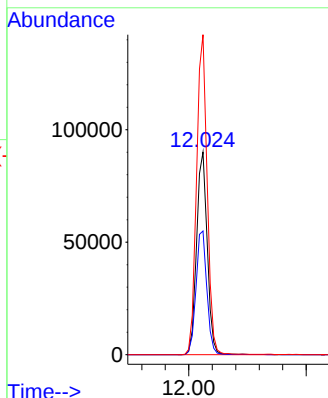
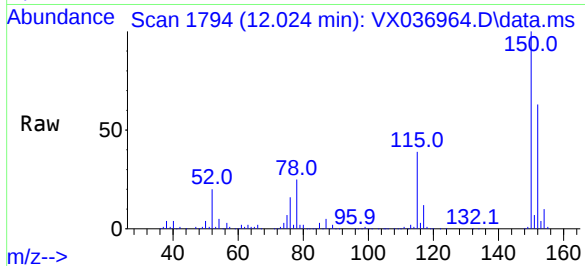




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

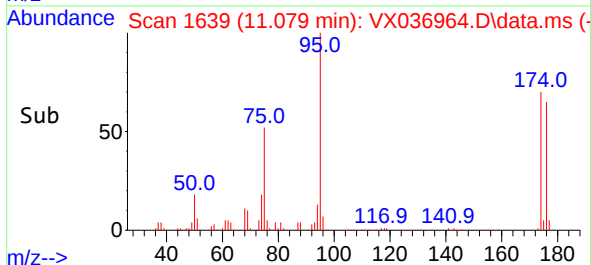
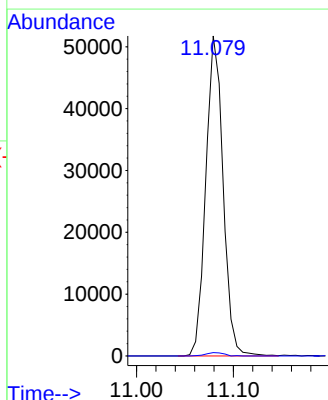
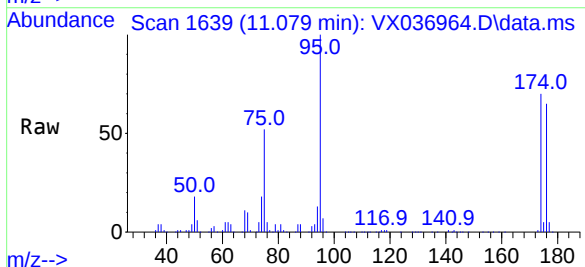
Instrument :
MSVOA_X
ClientSampleId :
TB-20230811

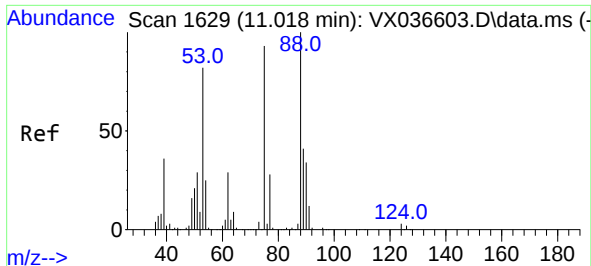
Tgt Ion:152 Resp: 113645
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 157.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion: 75 Resp: 64381
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.590 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
TB-20230811

Tgt Ion: 75 Resp: 64381
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

