

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036887.D
 Acq On : 09 Aug 2023 13:00
 Operator : JC/MD
 Sample : 03945-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230808

Quant Time: Aug 10 01:16:15 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)

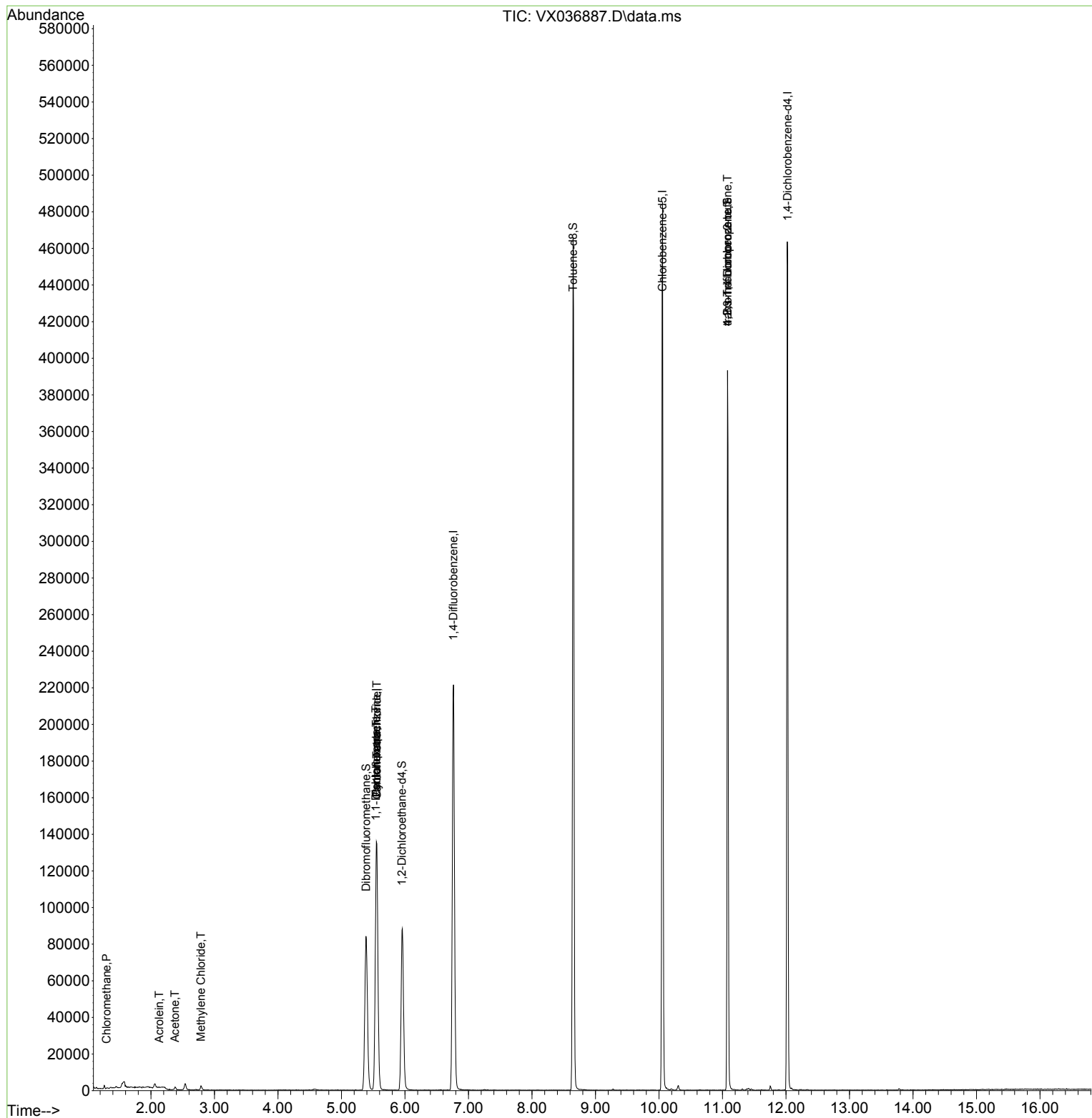
Internal Standards						
1) Pentafluorobenzene	5.550	168	126015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87785	47.080	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.160%		
35) Dibromofluoromethane	5.385	113	74307	46.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.040%		
50) Toluene-d8	8.647	98	276481	48.807	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.620%		
62) 4-Bromofluorobenzene	11.079	95	107065	50.095	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.200%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	523	0.345	ug/l #	83
13) Acrolein	2.130	56	71	0.282	ug/l #	63
16) Acetone	2.380	43	1704	2.202	ug/l	96
20) Methylene Chloride	2.788	84	1087	0.632	ug/l #	89
31) Cyclohexane	5.550	56	2828	1.095	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10237	4.300	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13590	5.369	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	55572	24.441	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55572	55.396	ug/l #	5

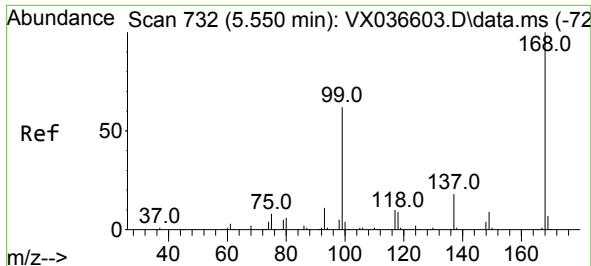
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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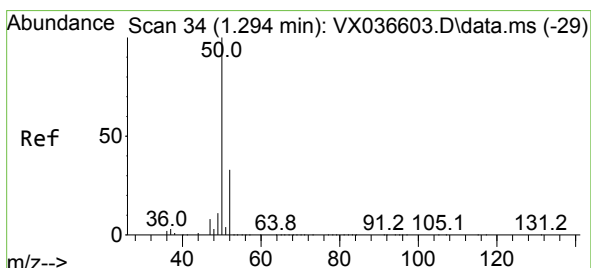
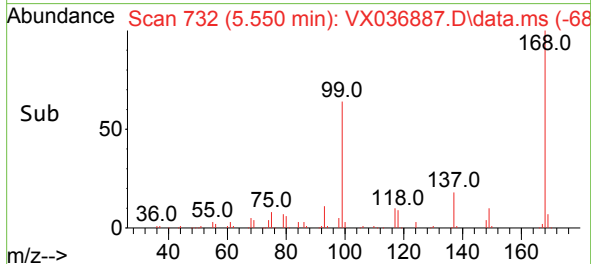
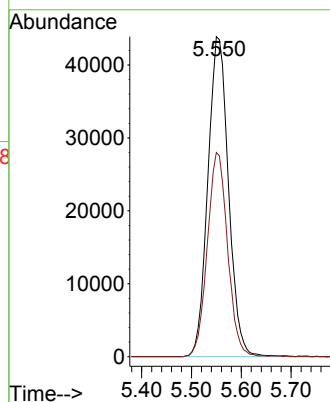
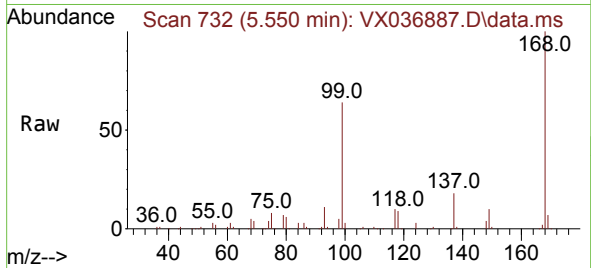




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

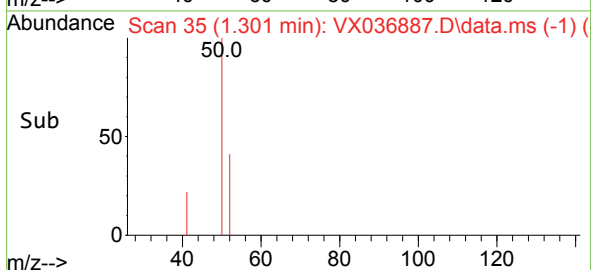
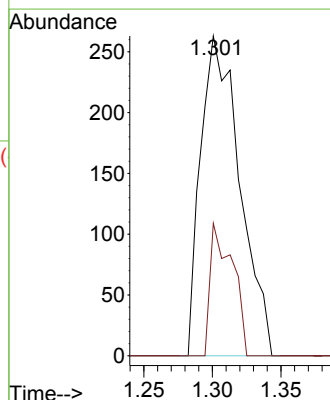
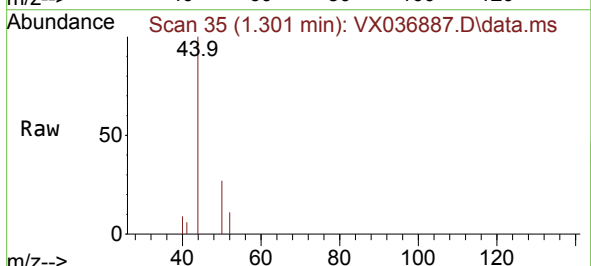
Instrument :
MSVOA_X
ClientSampleId :
TB-20230808

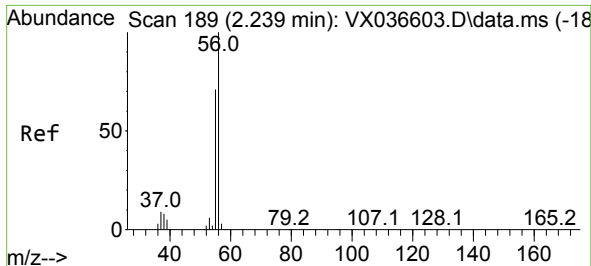
Tgt Ion:168 Resp: 126015
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#3
Chloromethane
Concen: 0.345 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

Tgt Ion: 50 Resp: 523
Ion Ratio Lower Upper
50 100
52 41.4 25.5 38.3#

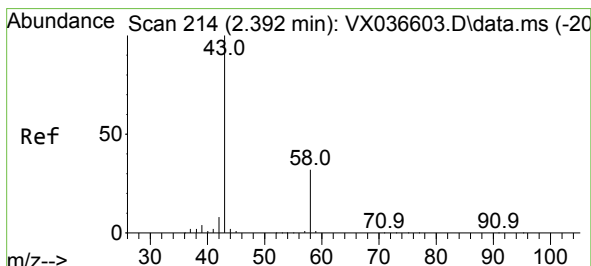
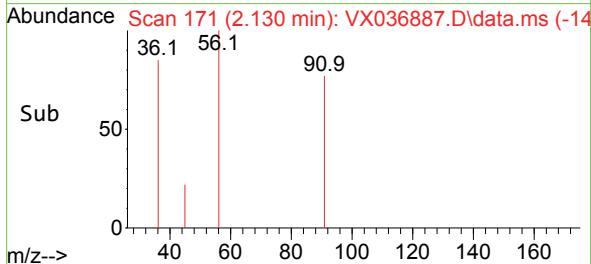
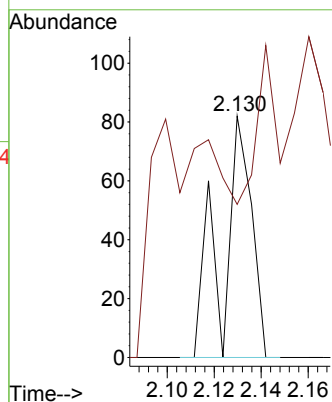
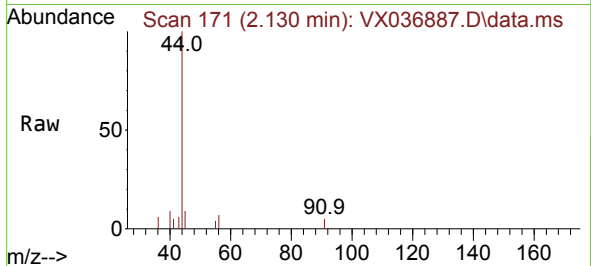




#13
Acrolein
Concen: 0.282 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.110 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

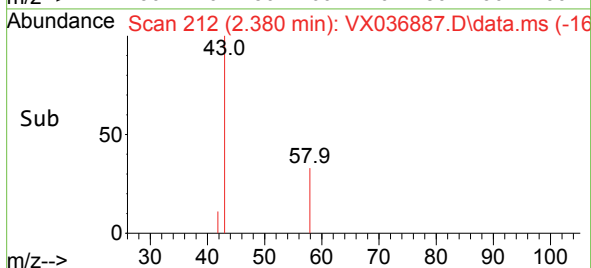
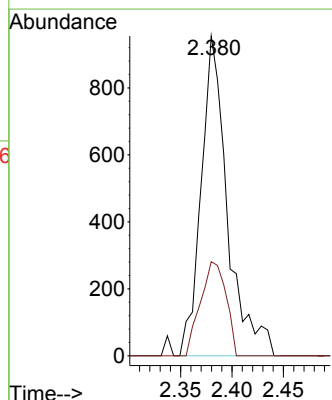
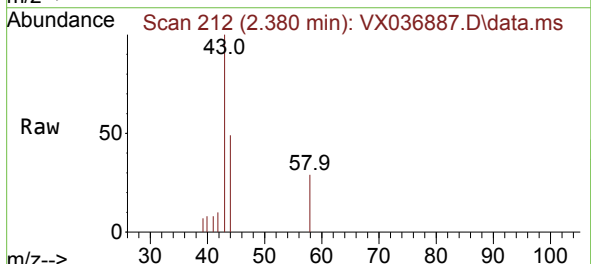
Instrument :
MSVOA_X
ClientSampleId :
TB-20230808

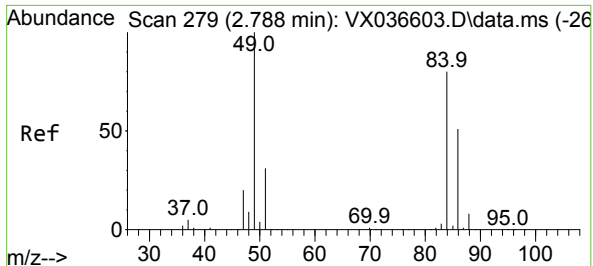
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 40.8 57.1 85.7#



#16
Acetone
Concen: 2.202 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9

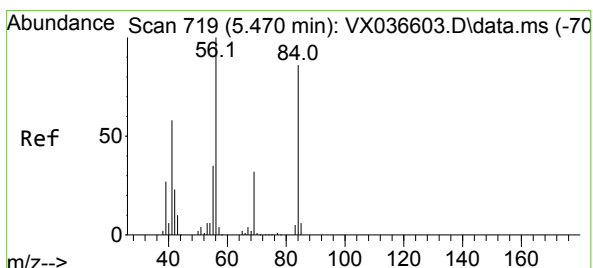
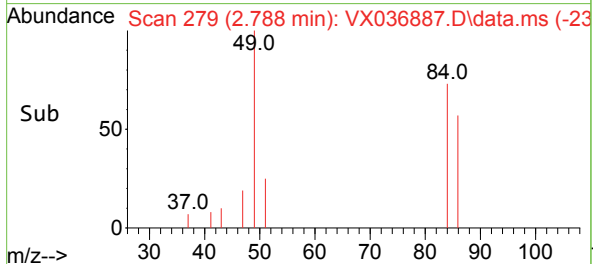
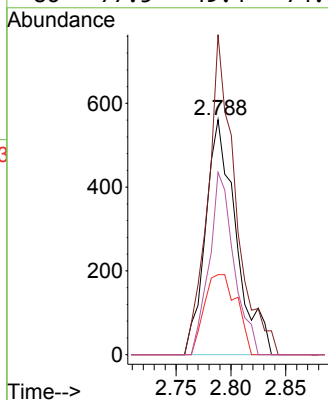
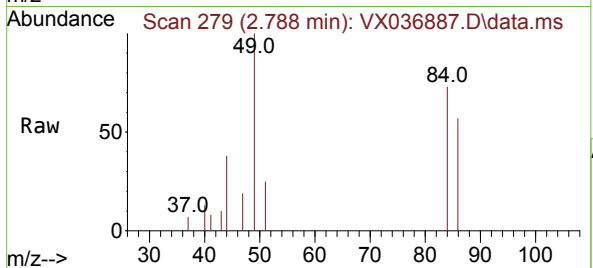




#20
Methylene Chloride
Concen: 0.632 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

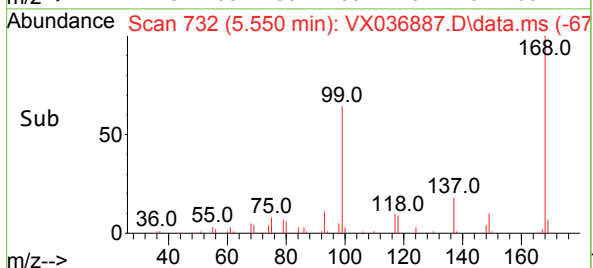
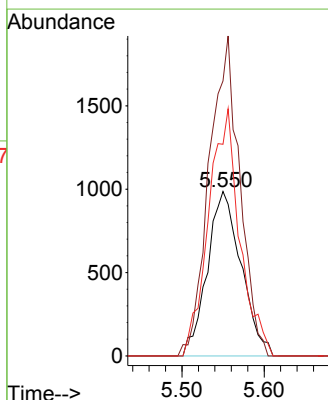
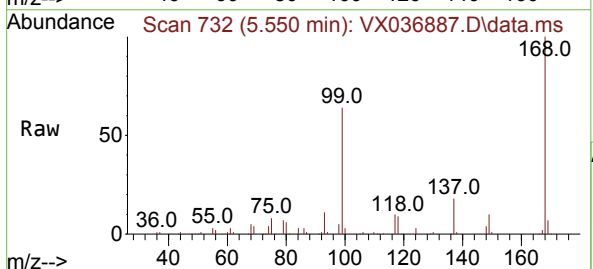
Instrument :
MSVOA_X
ClientSampleId :
TB-20230808

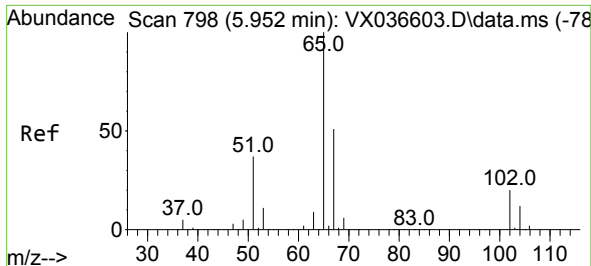
Tgt Ion:	84	Resp:	1087
Ion	Ratio	Lower	Upper
84	100		
49	136.2	103.6	155.4
51	34.0	33.8	50.6
86	77.5	49.4	74.0#



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

Tgt Ion:	56	Resp:	2828
Ion	Ratio	Lower	Upper
56	100		
69	167.2	23.4	35.2#
84	128.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.080 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036887.D

Acq: 09 Aug 2023 13:00

Instrument :

MSVOA_X

ClientSampleId :

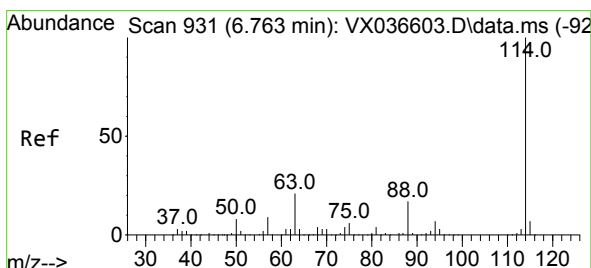
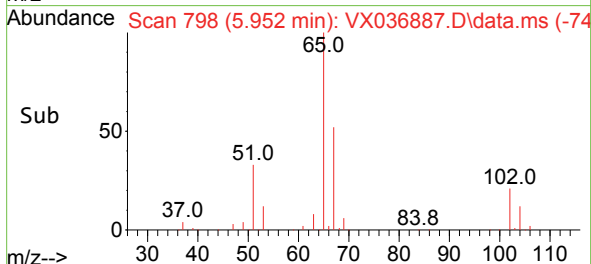
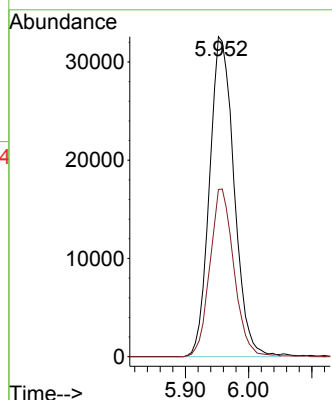
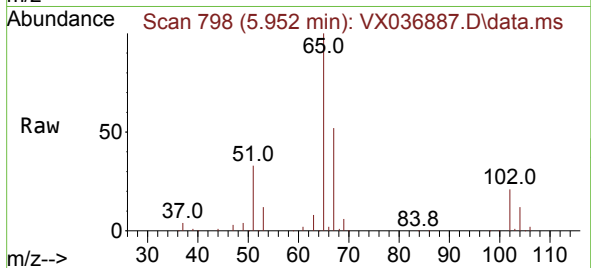
TB-20230808

Tgt Ion: 65 Resp: 87785

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036887.D

Acq: 09 Aug 2023 13:00

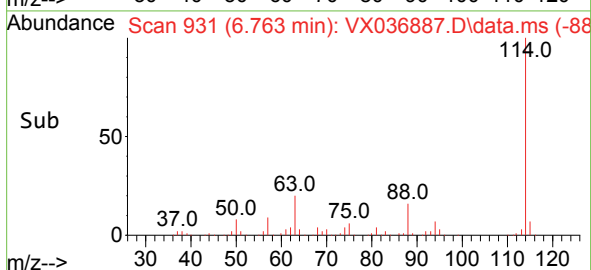
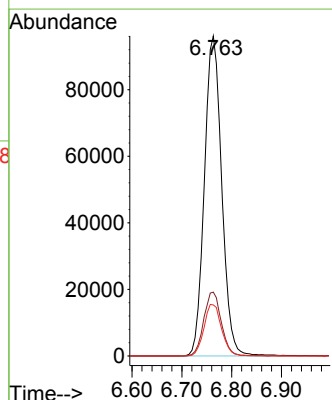
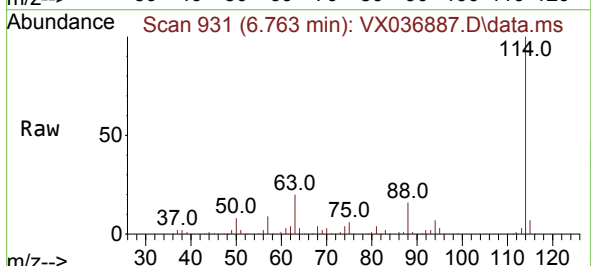
Tgt Ion: 114 Resp: 232404

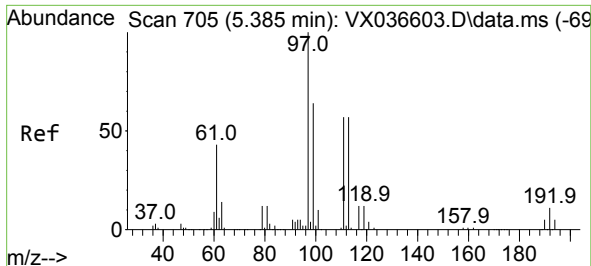
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 16.0 0.0 36.6

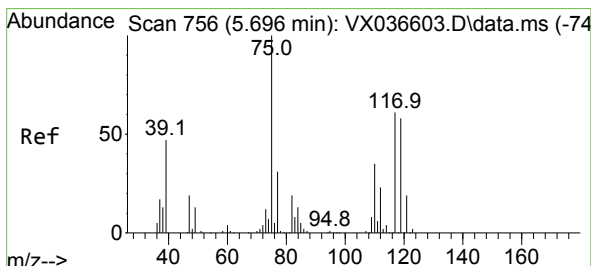
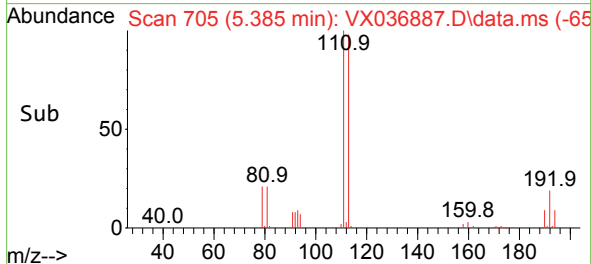
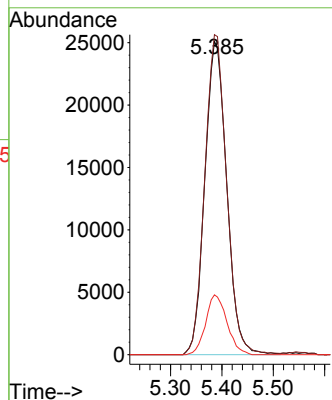
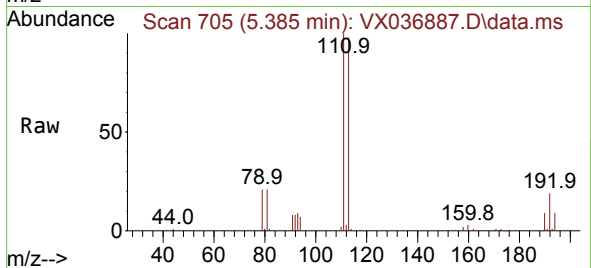




#35
 Dibromofluoromethane
 Concen: 46.517 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX036887.D
 Acq: 09 Aug 2023 13:00

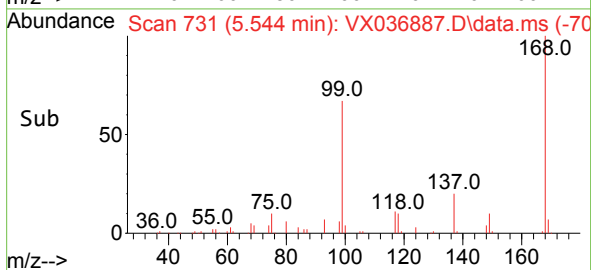
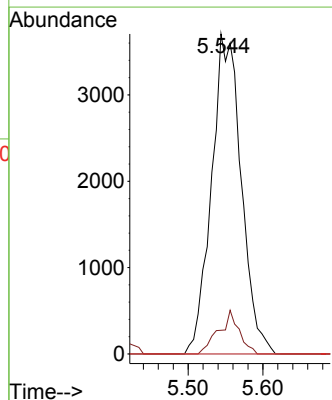
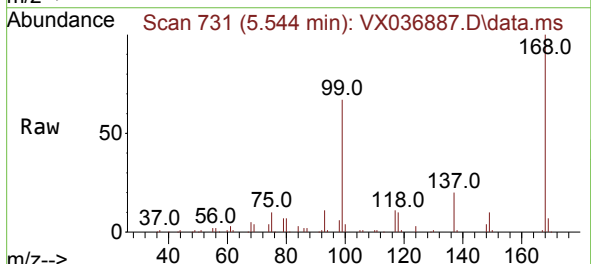
Instrument :
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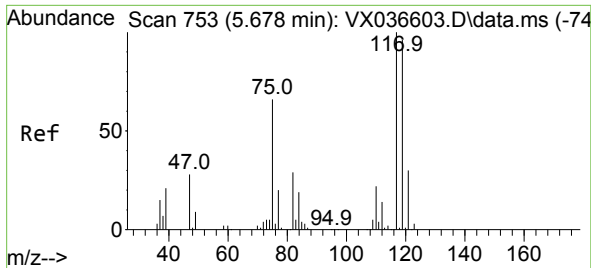
Tgt Ion:113 Resp: 74307
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.9 124.3
 192 18.5 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.300 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.152 min
 Lab File: VX036887.D
 Acq: 09 Aug 2023 13:00

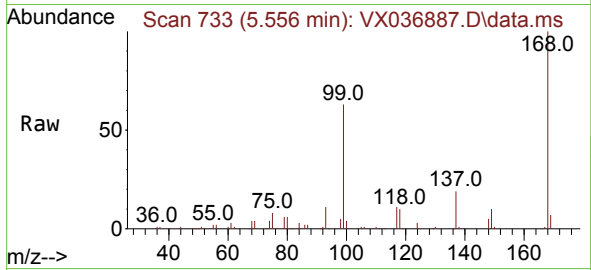
Tgt Ion: 75 Resp: 10237
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.0 50.9#
 77 0.0 24.7 37.1#



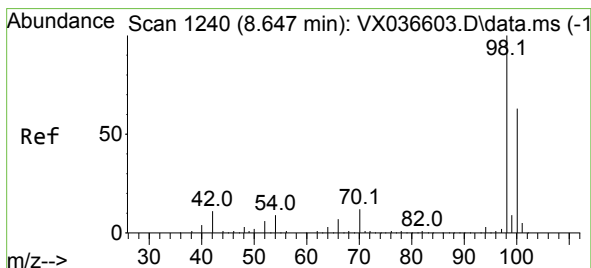
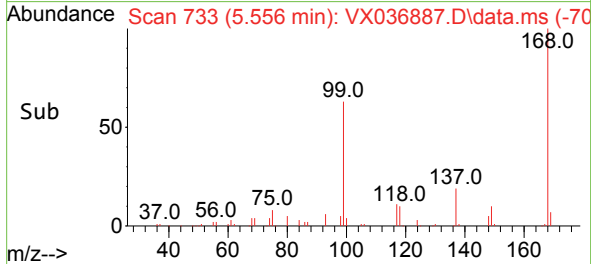
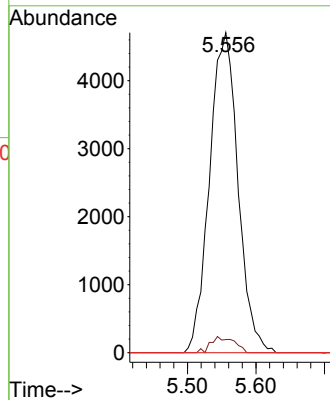


#38
Carbon Tetrachloride
Concen: 5.369 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

Instrument :
MSVOA_X
ClientSampleId :
TB-20230808

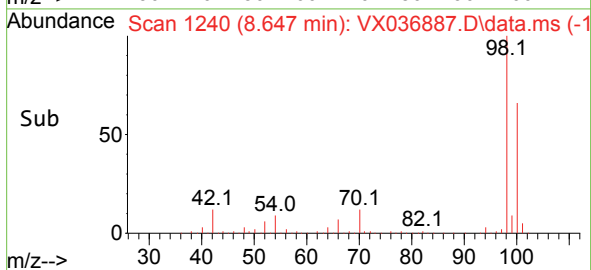
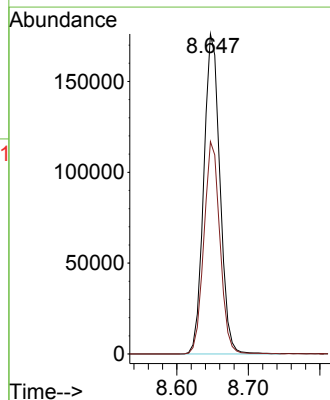
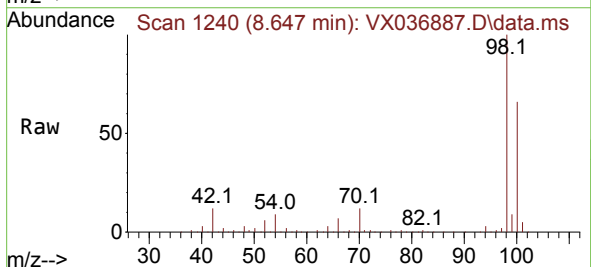


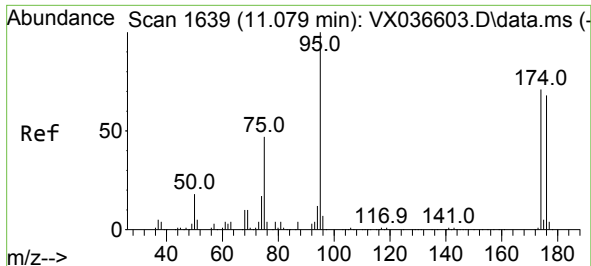
Tgt Ion:117 Resp: 13590
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.807 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

Tgt Ion: 98 Resp: 276481
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

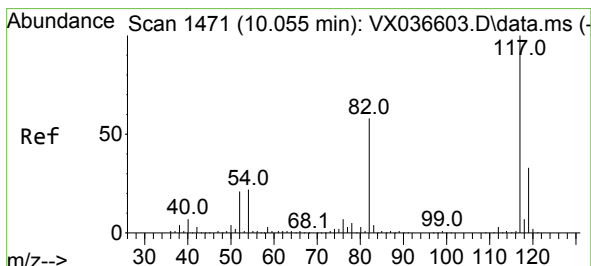
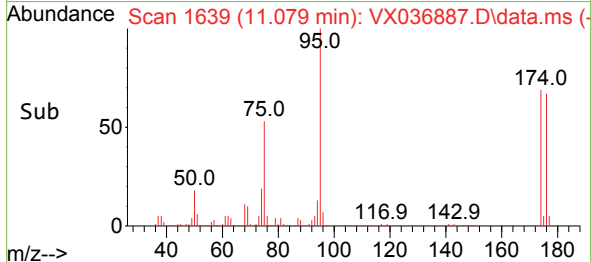
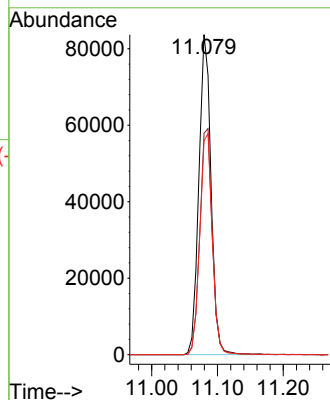
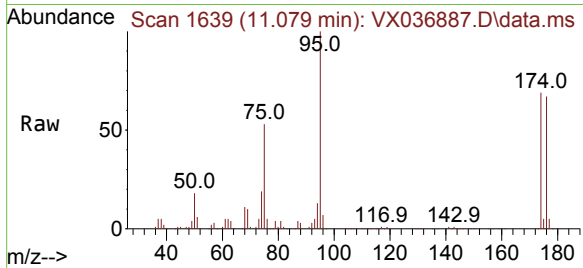




#62
4-Bromofluorobenzene
Concen: 50.095 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

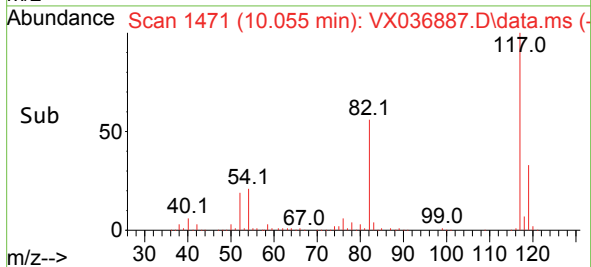
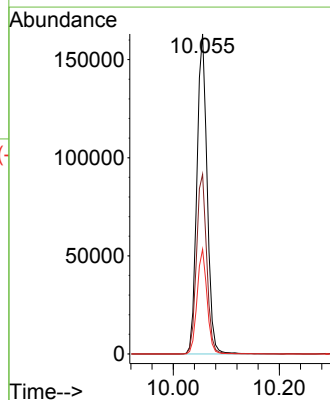
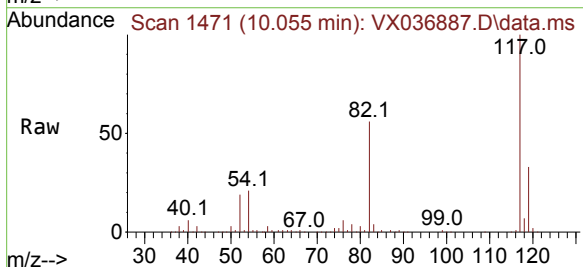
Instrument :
MSVOA_X
ClientSampleId :
TB-20230808

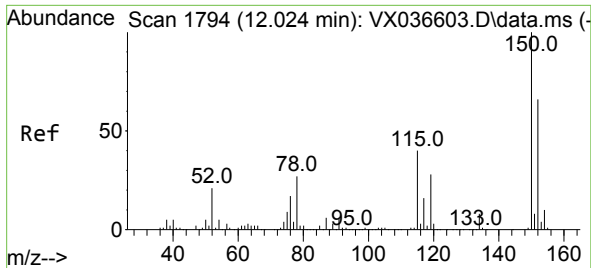
Tgt Ion: 95 Resp: 107065
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036887.D
Acq: 09 Aug 2023 13:00

Tgt Ion: 117 Resp: 218185
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.7 25.5 38.3

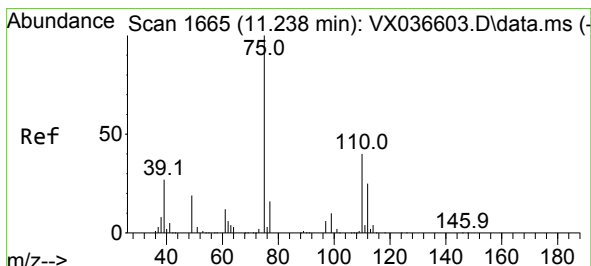
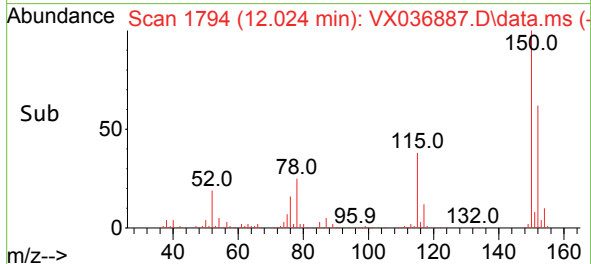
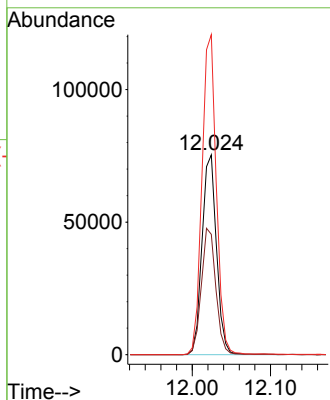
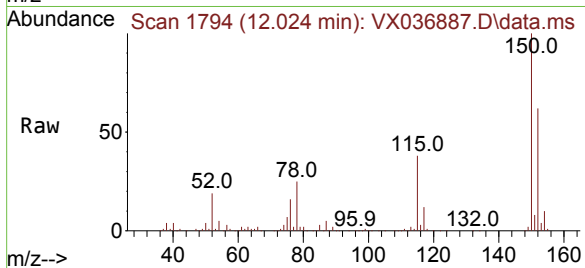




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036887.D
 Acq: 09 Aug 2023 13:00

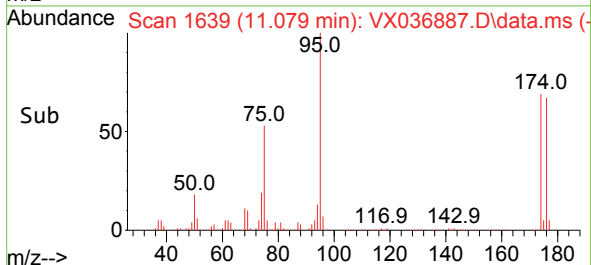
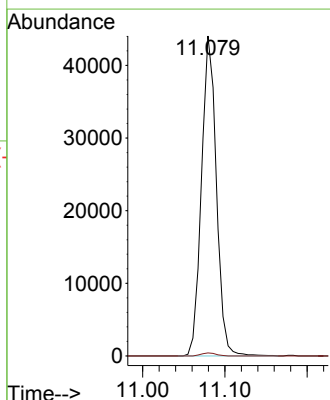
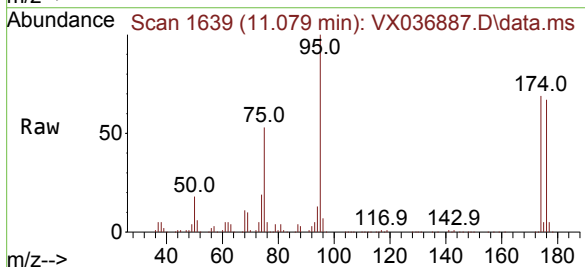
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230808

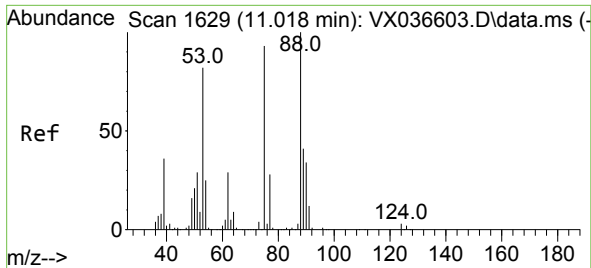
Tgt Ion:152 Resp: 96669
 Ion Ratio Lower Upper
 152 100
 115 63.4 43.3 129.9
 150 158.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.441 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX036887.D
 Acq: 09 Aug 2023 13:00

Tgt Ion: 75 Resp: 55572
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.396 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036887.D
 Acq: 09 Aug 2023 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230808

Tgt Ion: 75 Resp: 55572
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

