

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034386.D
 Acq On : 08 Mar 2023 16:19
 Operator : JC/MD
 Sample : 01843-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20230306

Quant Time: Mar 09 04:00:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

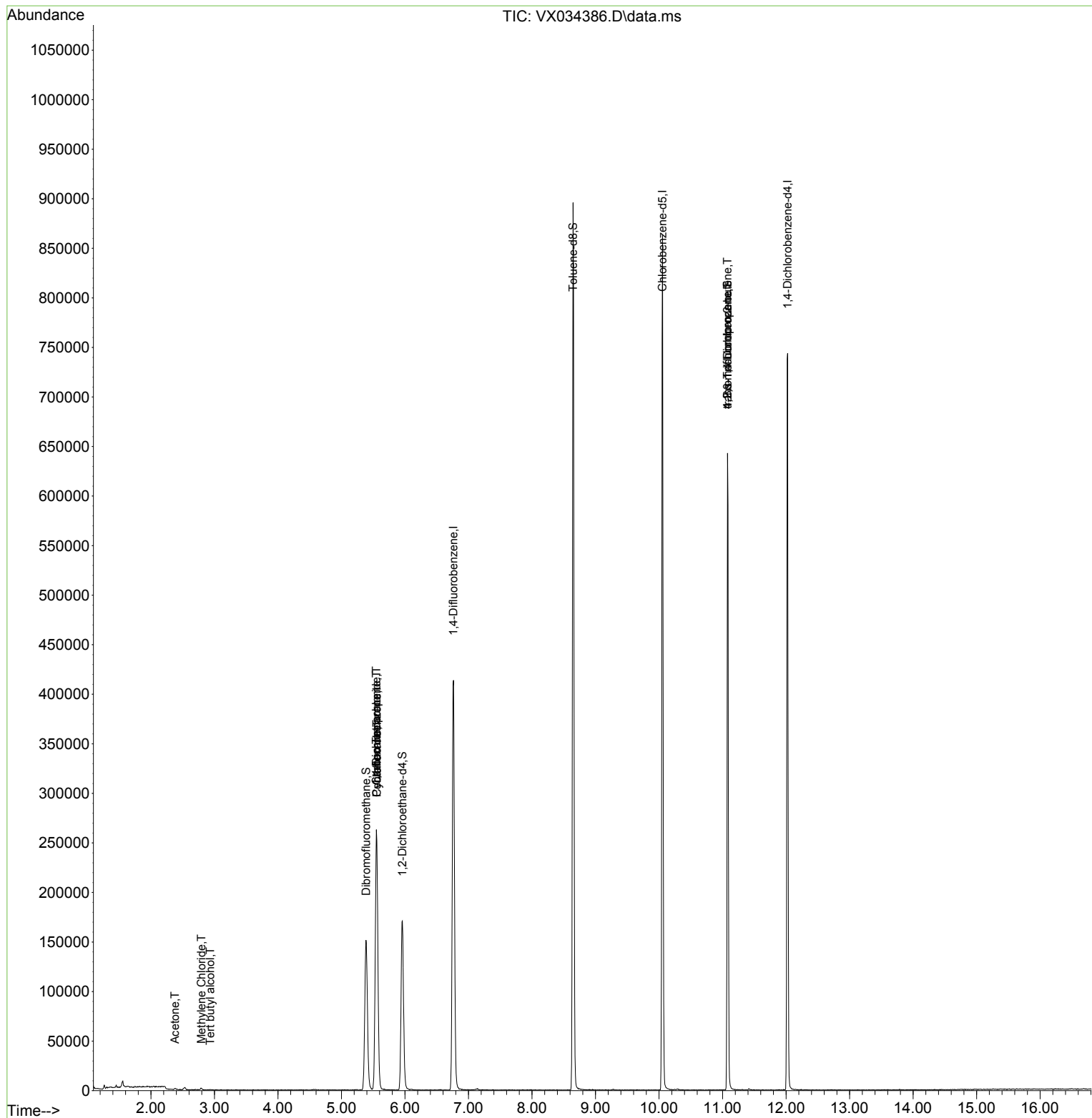
Internal Standards						
1) Pentafluorobenzene	5.556	168	255513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	430456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161751	47.005	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.000%
35) Dibromofluoromethane	5.385	113	133017	47.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	8.647	98	520262	51.703	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.400%
62) 4-Bromofluorobenzene	11.079	95	171808	44.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	170	Below Cal	#	79
11) Tert butyl alcohol	2.934	59	299	0.388	ug/l #	86
16) Acetone	2.380	43	1405	0.791	ug/l #	88
20) Methylene Chloride	2.794	84	779	0.244	ug/l	93
31) Cyclohexane	5.556	56	5751	1.119	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	19405	4.682	ug/l #	48
38) Carbon Tetrachloride	5.550	117	24842	5.824	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	87787	22.310	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87787	57.312	ug/l #	8

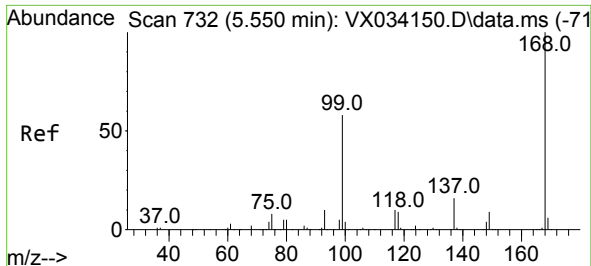
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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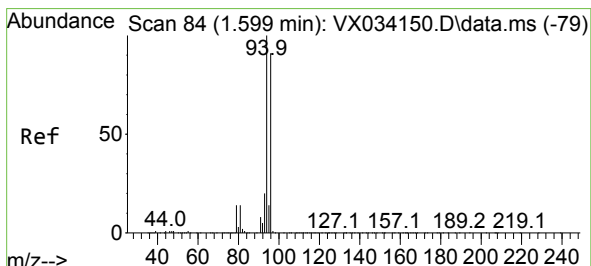
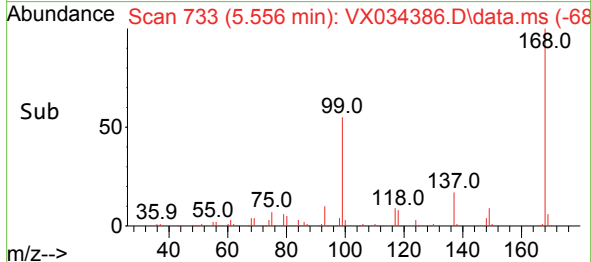
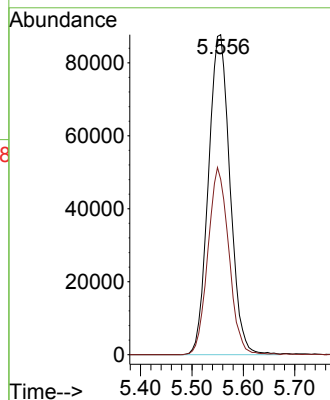
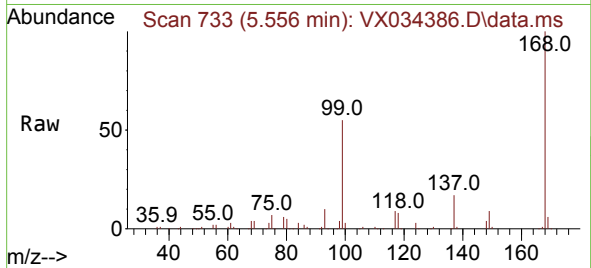




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034386.D
Acq: 08 Mar 2023 16:19

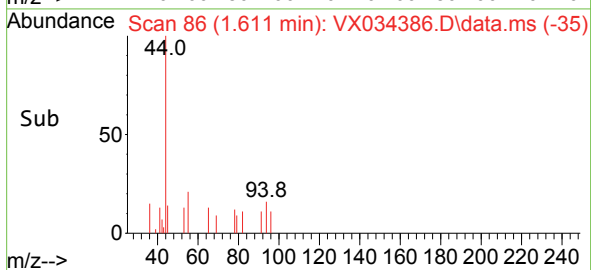
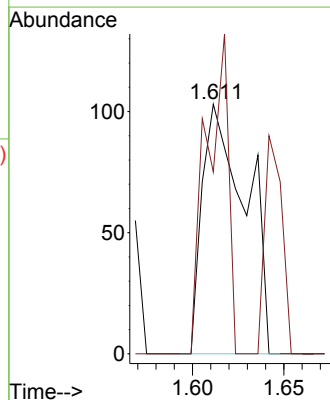
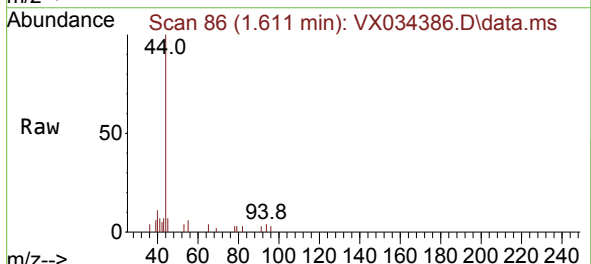
Instrument :
MSVOA_X
ClientSampleId :
TB01-20230306

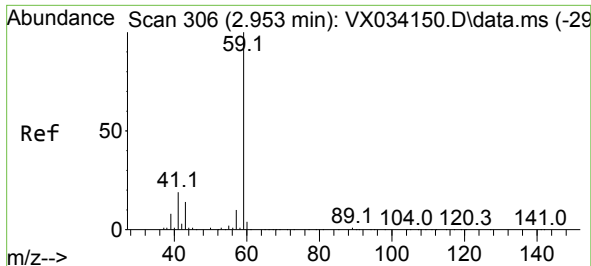
Tgt Ion:168 Resp: 255513
Ion Ratio Lower Upper
168 100
99 54.8 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034386.D
Acq: 08 Mar 2023 16:19

Tgt Ion: 94 Resp: 170
Ion Ratio Lower Upper
94 100
96 72.8 74.3 111.5#





#11

Tert butyl alcohol

Concen: 0.388 ug/l

RT: 2.934 min Scan# 306

Delta R.T. -0.018 min

Lab File: VX034386.D

Acq: 08 Mar 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

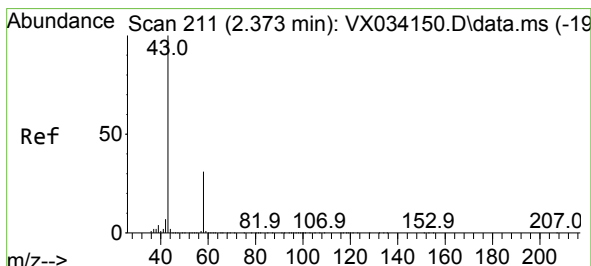
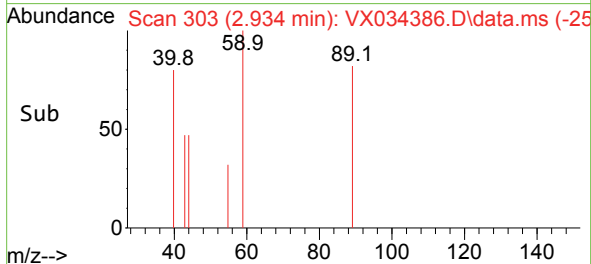
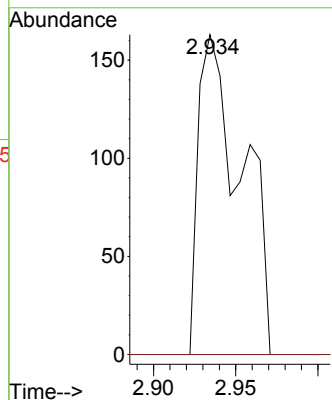
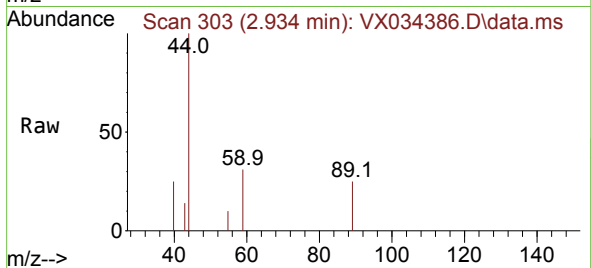
TB01-20230306

Tgt Ion: 59 Resp: 299

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#16

Acetone

Concen: 0.791 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034386.D

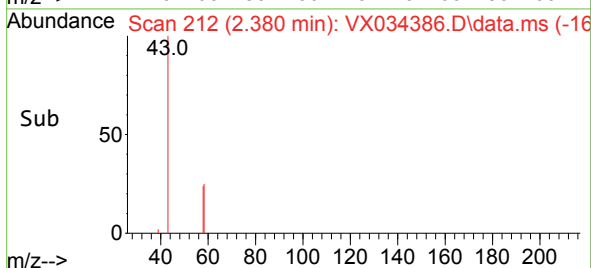
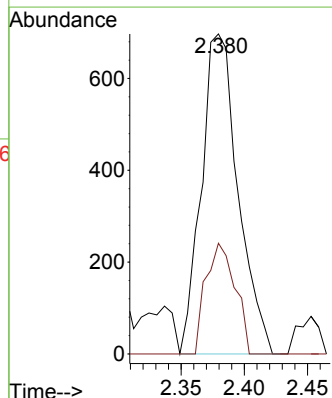
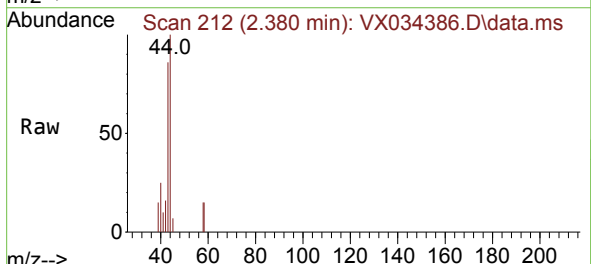
Acq: 08 Mar 2023 16:19

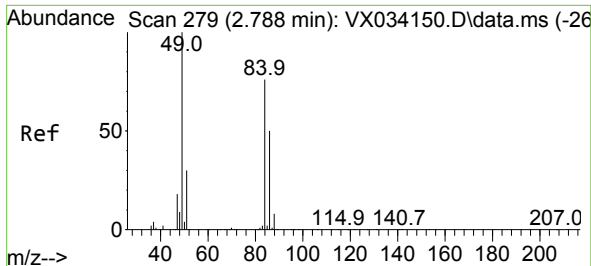
Tgt Ion: 43 Resp: 1405

Ion Ratio Lower Upper

43 100

58 34.6 22.6 33.8#



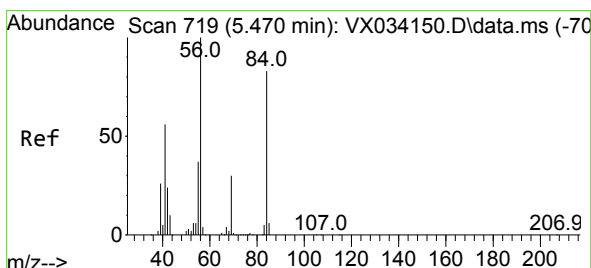
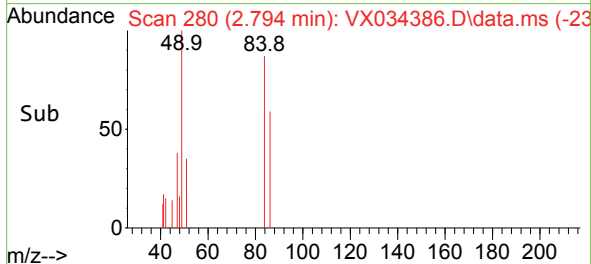
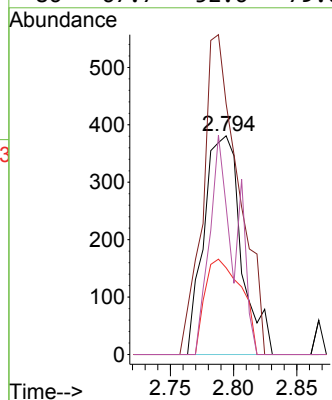
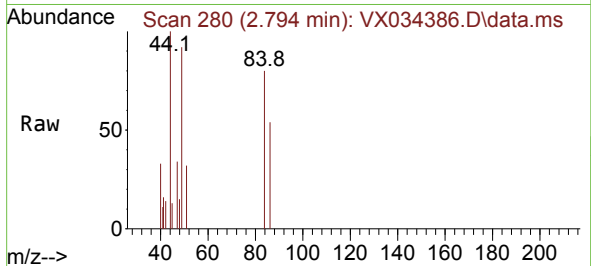


#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034386.D
Acq: 08 Mar 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :
TB01-20230306

Tgt Ion: 84 Resp: 779

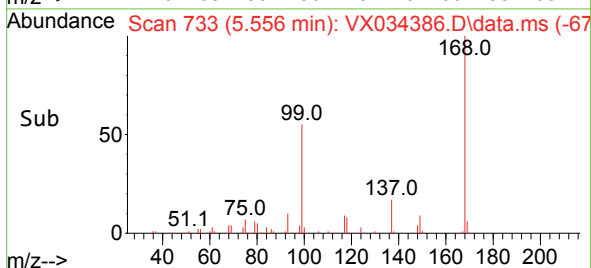
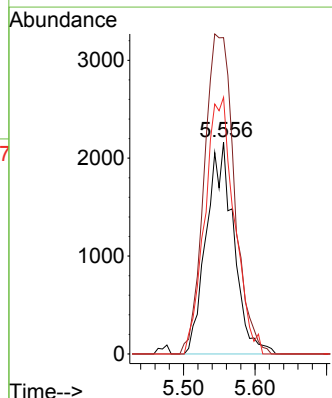
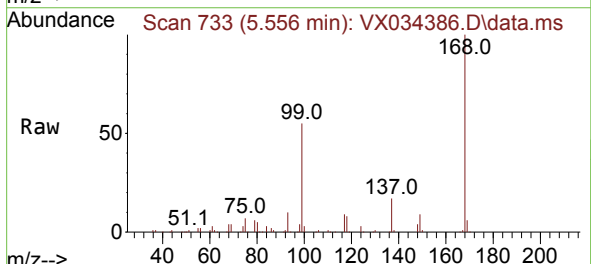
Ion	Ratio	Lower	Upper
84	100		
49	114.7	101.1	151.7
51	39.6	31.0	46.6
86	67.7	52.6	79.0

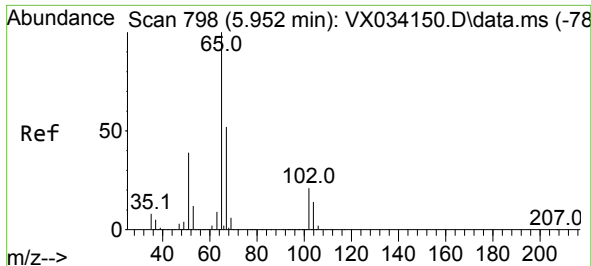


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX034386.D
Acq: 08 Mar 2023 16:19

Tgt Ion: 56 Resp: 5751

Ion	Ratio	Lower	Upper
56	100		
69	149.3	24.6	37.0#
84	121.1	71.0	106.6#

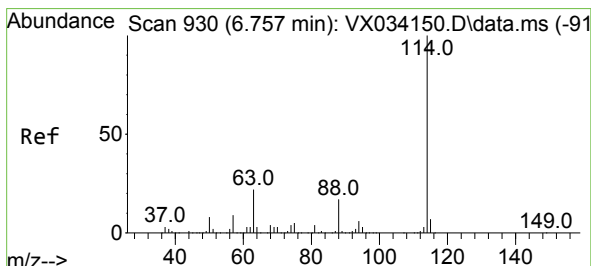
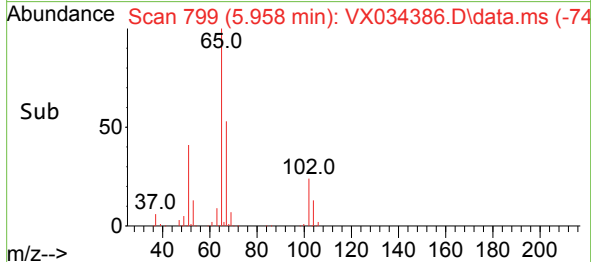
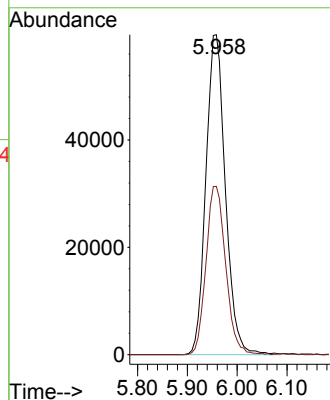
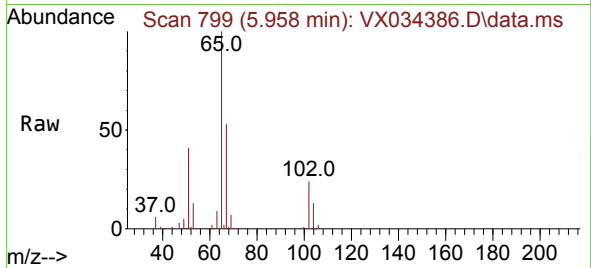




#33
1,2-Dichloroethane-d4
Concen: 47.005 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034386.D
Acq: 08 Mar 2023 16:19

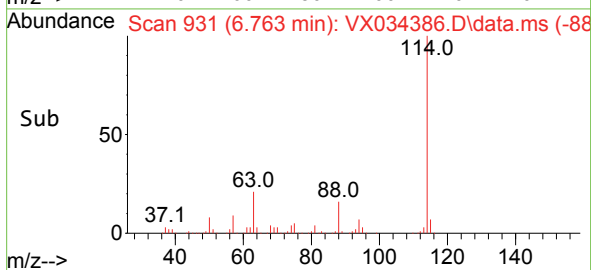
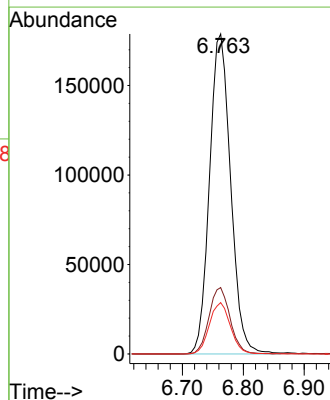
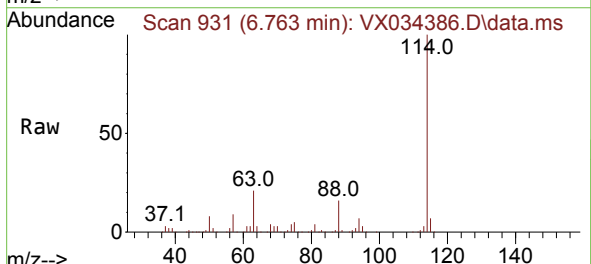
Instrument :
MSVOA_X
ClientSampleId :
TB01-20230306

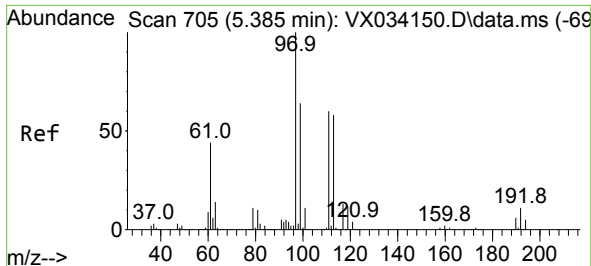
Tgt Ion: 65 Resp: 161751
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034386.D
Acq: 08 Mar 2023 16:19

Tgt Ion: 114 Resp: 430456
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.4
88 16.1 0.0 30.6

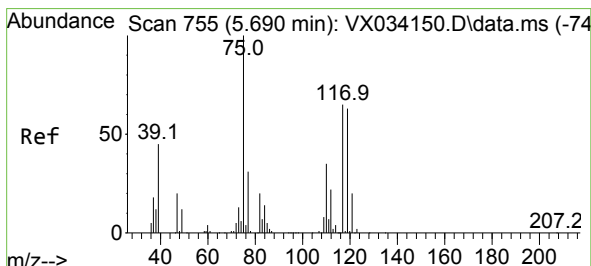
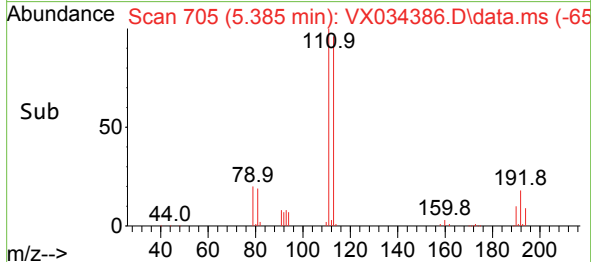
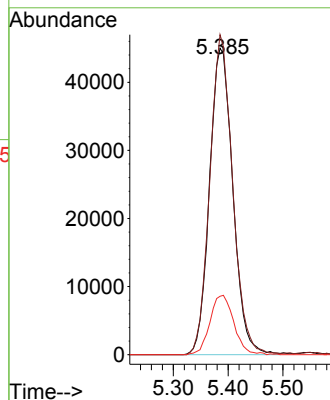
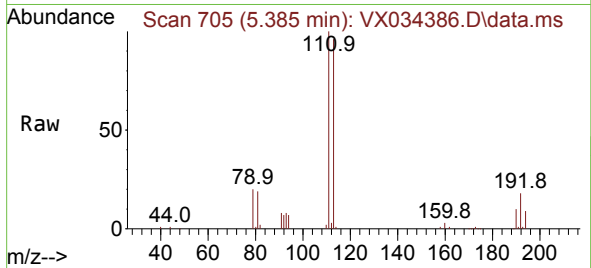




#35
 Dibromofluoromethane
 Concen: 47.461 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX034386.D
 Acq: 08 Mar 2023 16:19

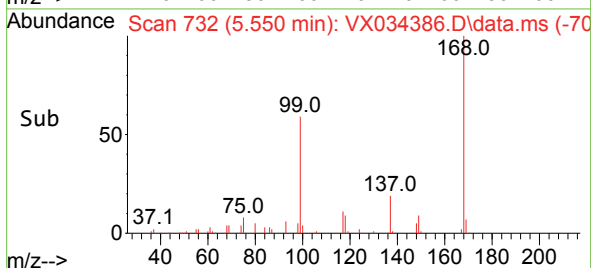
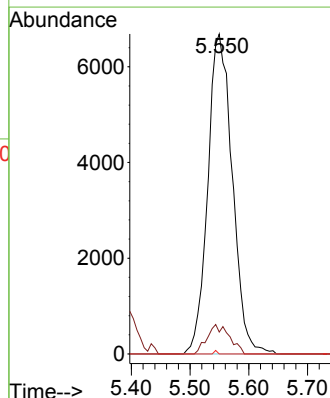
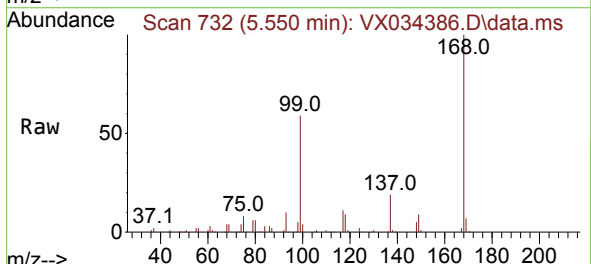
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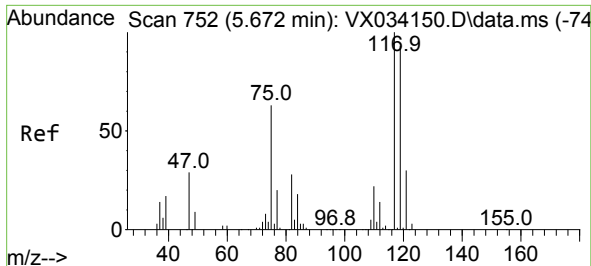
Tgt Ion:113 Resp: 133017
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.0 124.6
 192 19.9 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 4.682 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX034386.D
 Acq: 08 Mar 2023 16:19

Tgt Ion: 75 Resp: 19405
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.8 56.4#
 77 0.1 25.1 37.7#

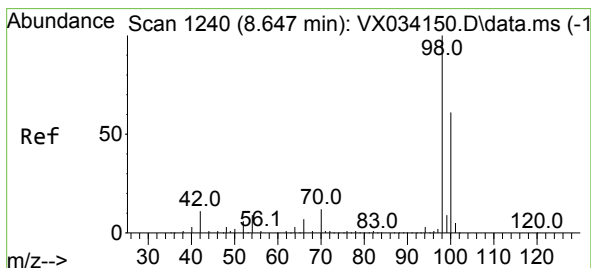
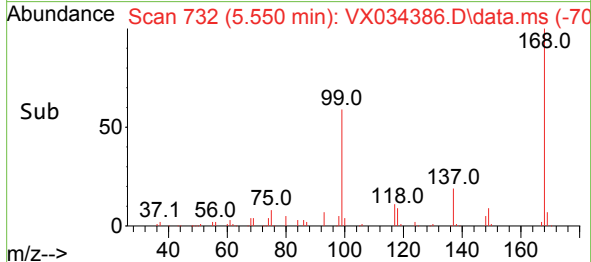
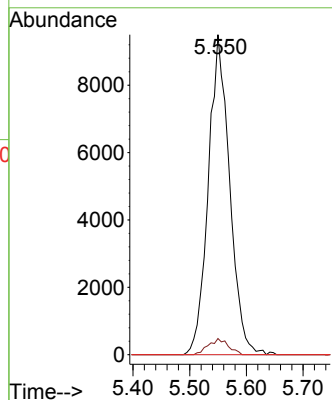
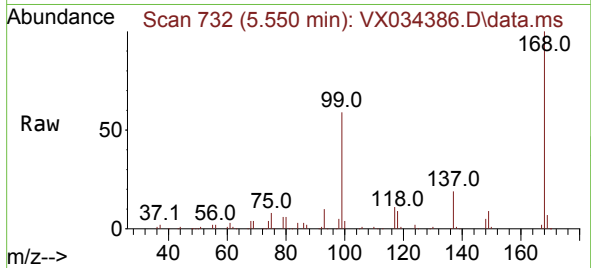




#38
Carbon Tetrachloride
Concen: 5.824 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034386.D
Acq: 08 Mar 2023 16:19

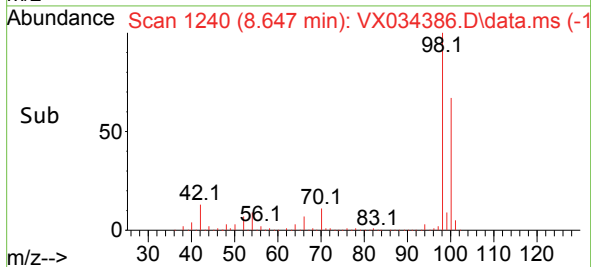
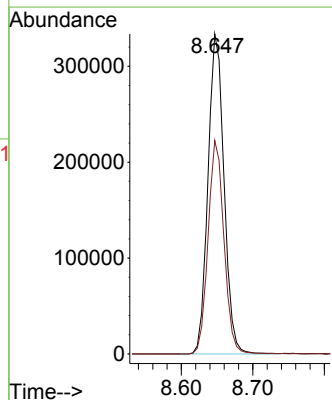
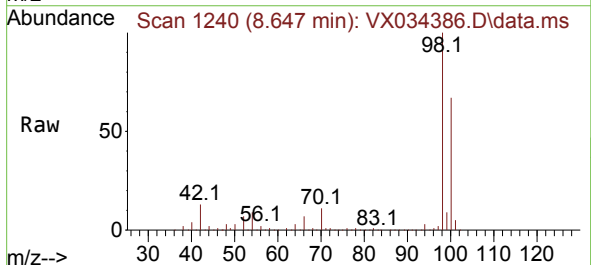
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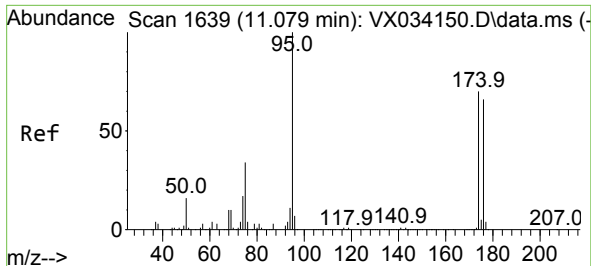
Tgt Ion:117 Resp: 24842
Ion Ratio Lower Upper
117 100
119 5.0 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.703 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034386.D
Acq: 08 Mar 2023 16:19

Tgt Ion: 98 Resp: 520262
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4

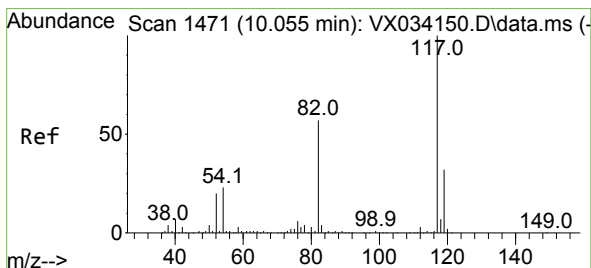
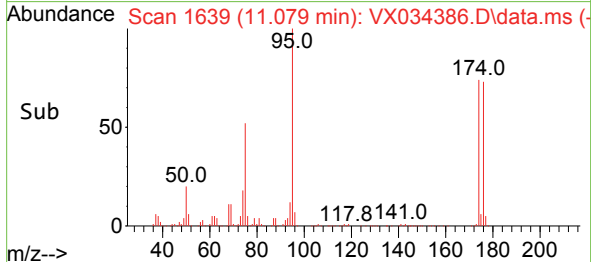
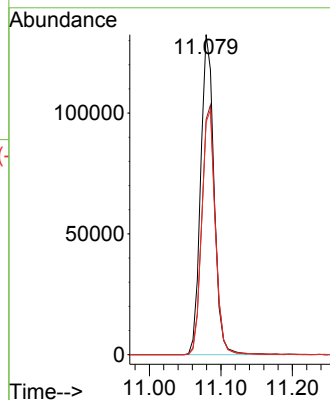
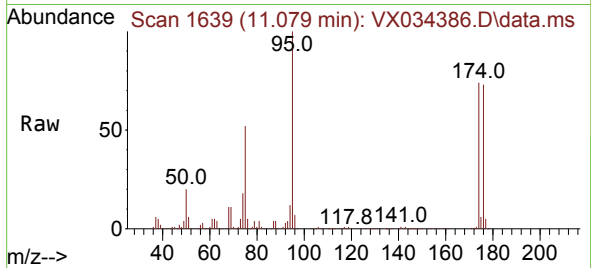




#62
4-Bromofluorobenzene
Concen: 44.637 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034386.D
Acq: 08 Mar 2023 16:19

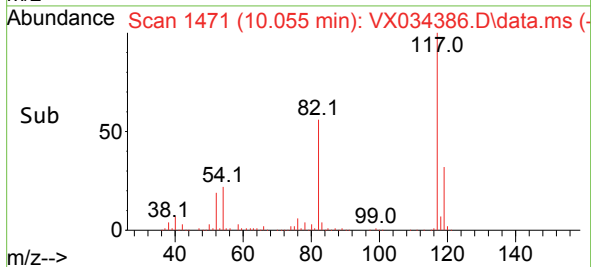
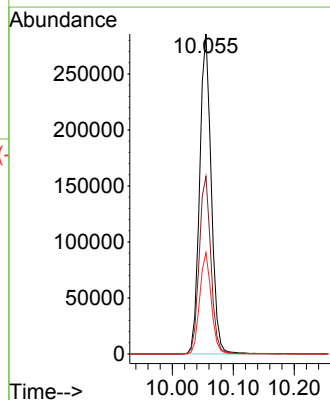
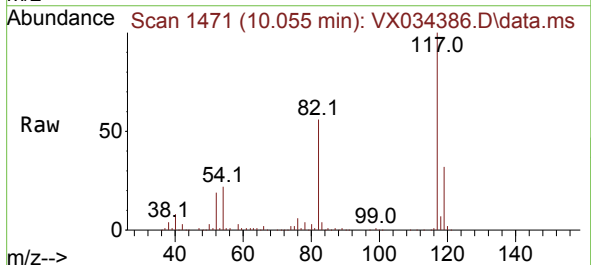
Instrument :
MSVOA_X
ClientSampleId :
TB01-20230306

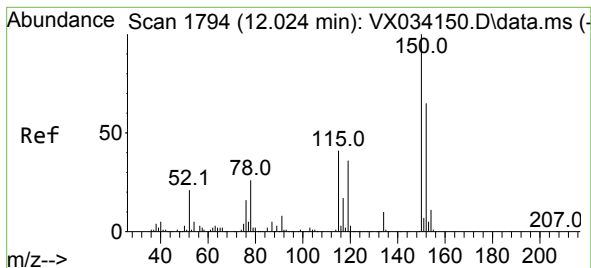
Tgt Ion: 95 Resp: 171808
Ion Ratio Lower Upper
95 100
174 79.1 0.0 184.4
176 77.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034386.D
Acq: 08 Mar 2023 16:19

Tgt Ion: 117 Resp: 378013
Ion Ratio Lower Upper
117 100
82 55.5 40.6 60.8
119 31.6 25.6 38.4

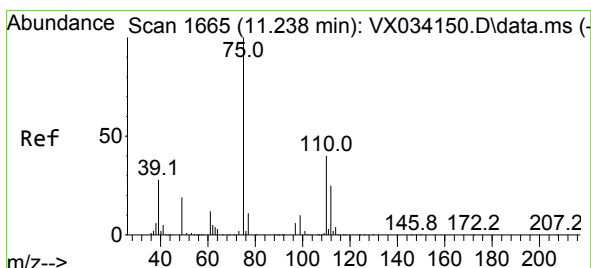
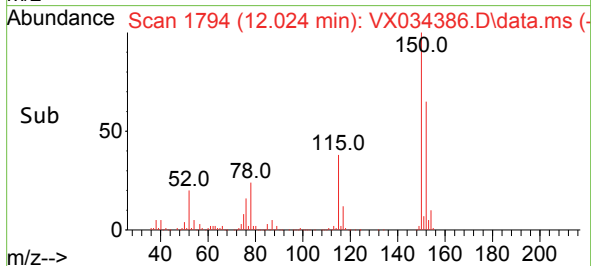
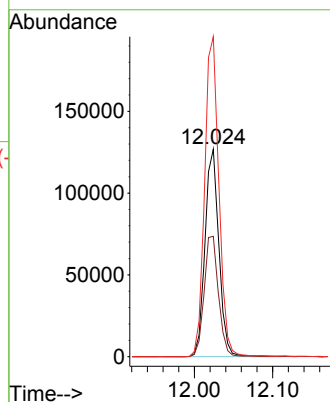
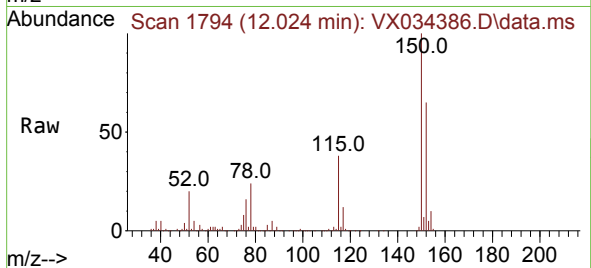




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034386.D
 Acq: 08 Mar 2023 16:19

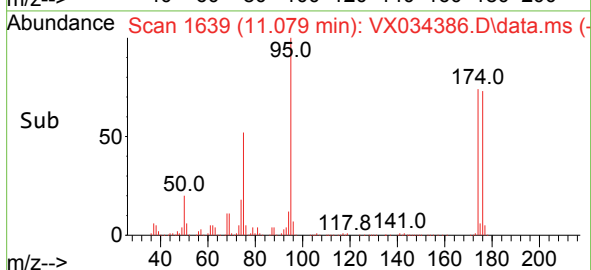
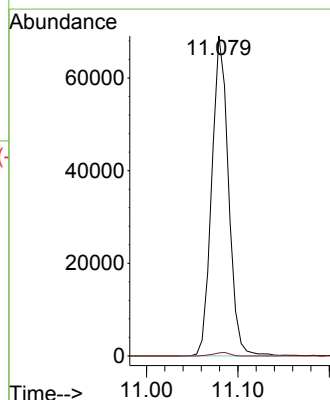
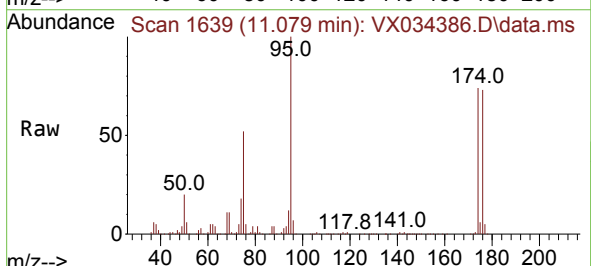
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20230306

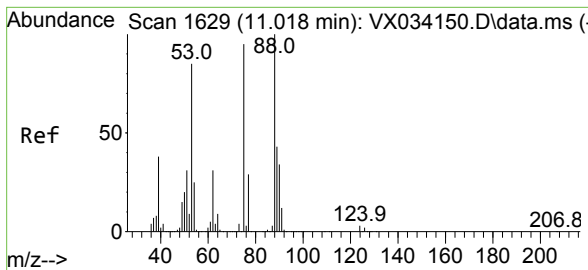
Tgt Ion:152 Resp: 156378
 Ion Ratio Lower Upper
 152 100
 115 60.0 38.7 116.1
 150 157.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 22.310 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034386.D
 Acq: 08 Mar 2023 16:19

Tgt Ion: 75 Resp: 87787
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.312 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034386.D
 Acq: 08 Mar 2023 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20230306

Tgt Ion: 75 Resp: 87787
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

