

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034187.D
 Acq On : 20 Feb 2023 15:00
 Operator : JC/MD
 Sample : 01593-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Quant Time: Feb 21 01:08:06 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)

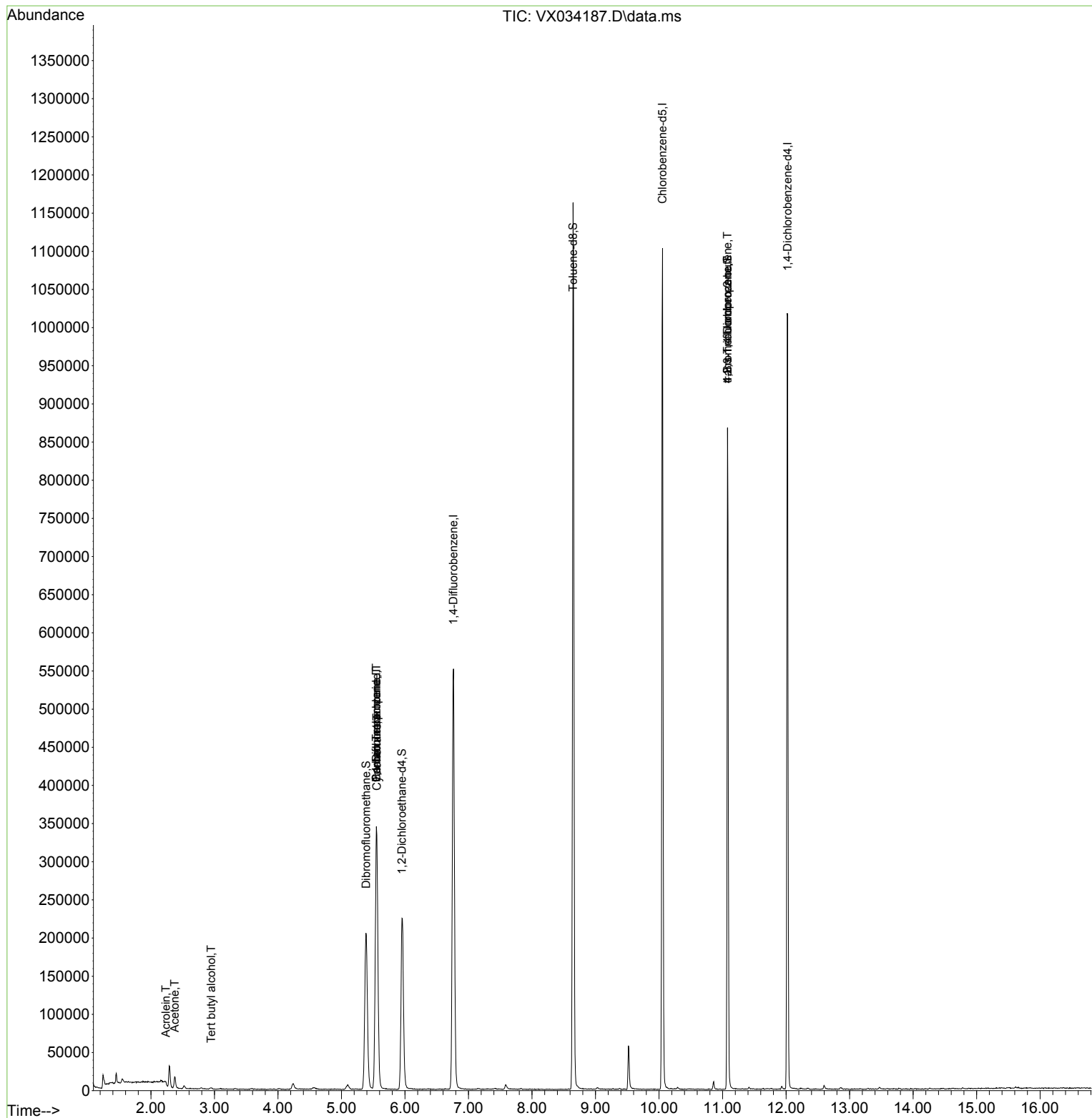
Internal Standards						
1) Pentafluorobenzene	5.550	168	347535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	577693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	511238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	204745	43.744	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.480%
35) Dibromofluoromethane	5.385	113	182377	48.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.647	98	688608	50.991	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.980%
62) 4-Bromofluorobenzene	11.079	95	235712	45.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.260%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	614	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	1539	1.470	ug/l #	90
13) Acrolein	2.233	56	3223	6.745	ug/l	90
16) Acetone	2.374	43	16156	6.691	ug/l	93
31) Cyclohexane	5.556	56	7016	1.004	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24635	4.429	ug/l #	48
38) Carbon Tetrachloride	5.550	117	32082	5.605	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	115161	20.710	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	115161	53.203	ug/l #	8

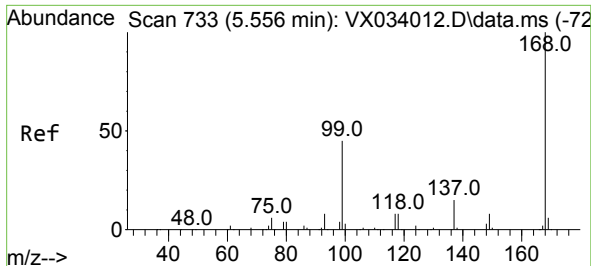
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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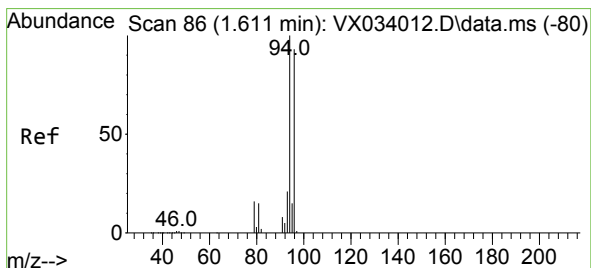
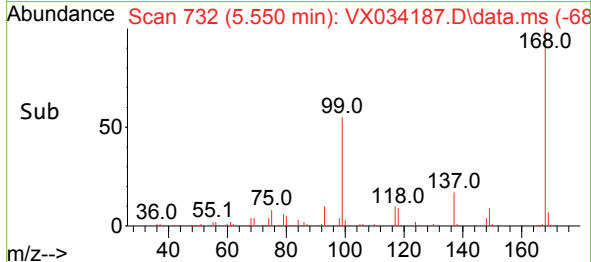
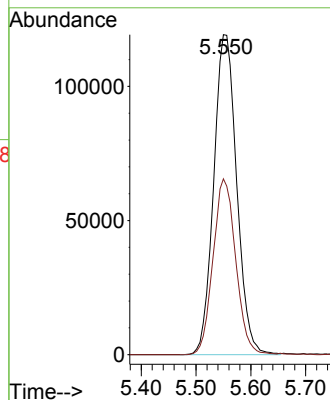
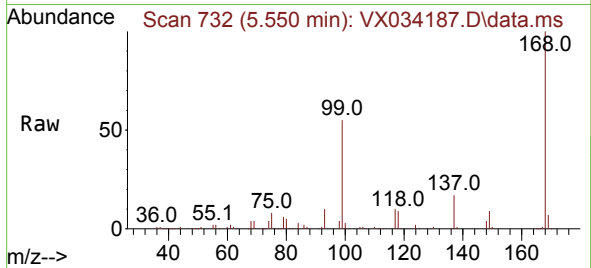




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

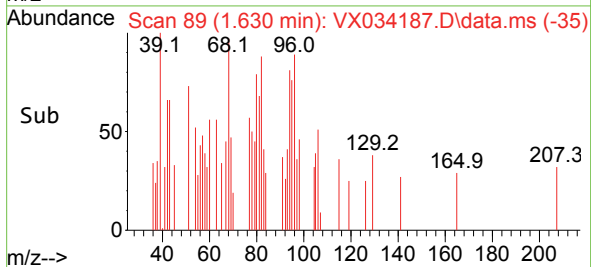
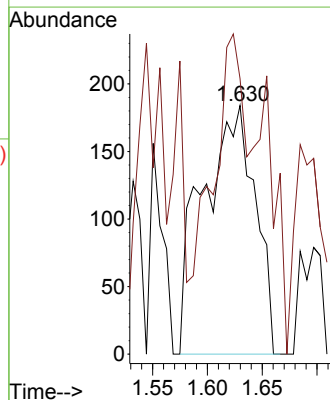
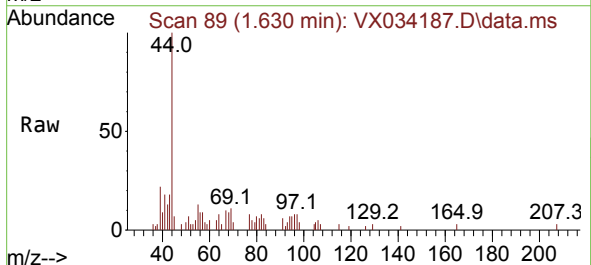
Instrument :
MSVOA_X
ClientSampleId :
SW-1

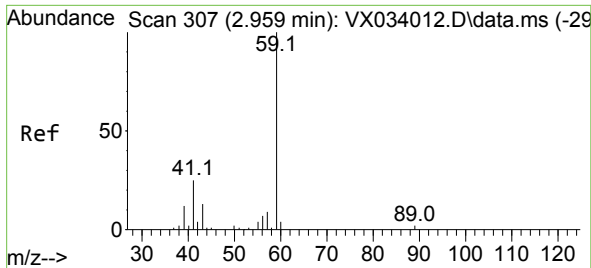
Tgt Ion:168 Resp: 347535
Ion Ratio Lower Upper
168 100
99 54.9 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

Tgt Ion: 94 Resp: 614
Ion Ratio Lower Upper
94 100
96 38.0 74.3 111.5#

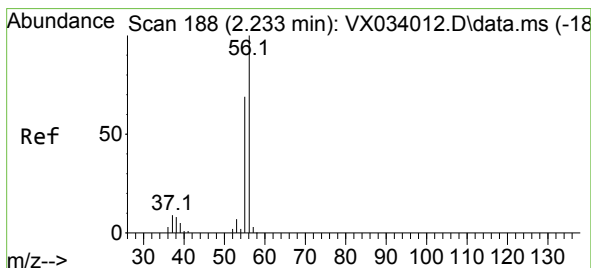
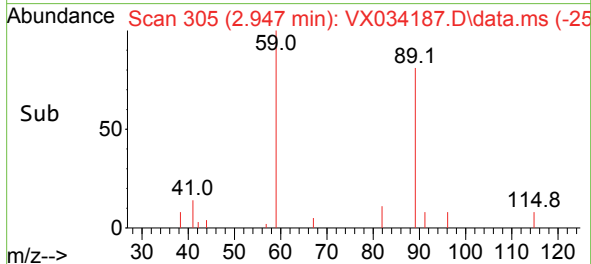
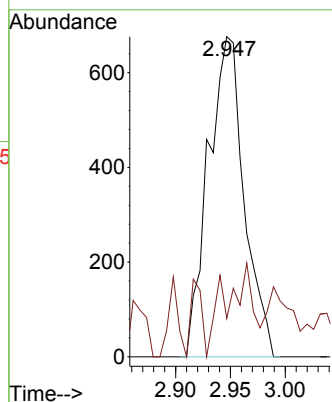
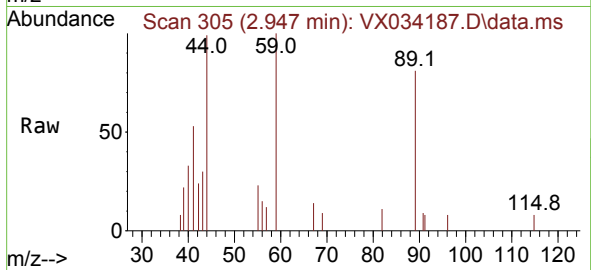




#11
Tert butyl alcohol
Concen: 1.470 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

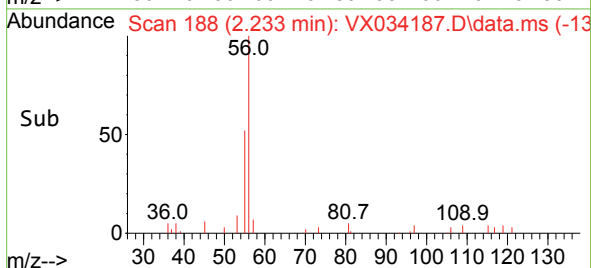
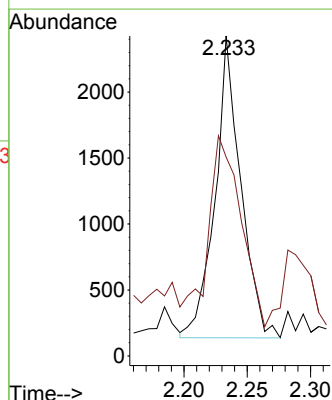
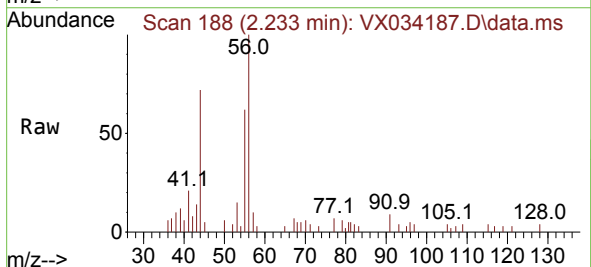
Instrument :
MSVOA_X
ClientSampleId :
SW-1

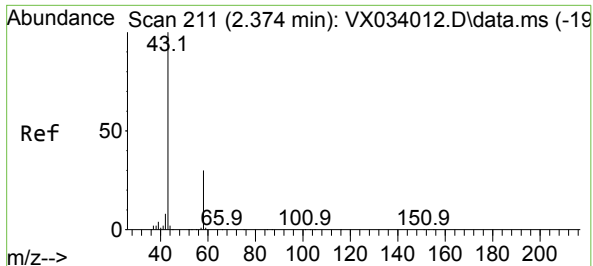
Tgt Ion: 59 Resp: 1539
Ion Ratio Lower Upper
59 100
57 8.0 3.7 5.5#



#13
Acrolein
Concen: 6.745 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

Tgt Ion: 56 Resp: 3223
Ion Ratio Lower Upper
56 100
55 78.3 56.3 84.5

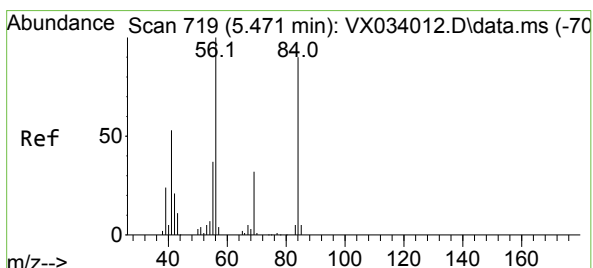
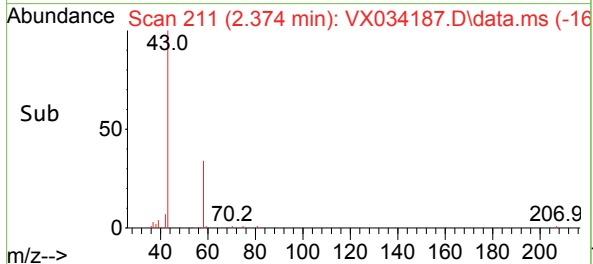
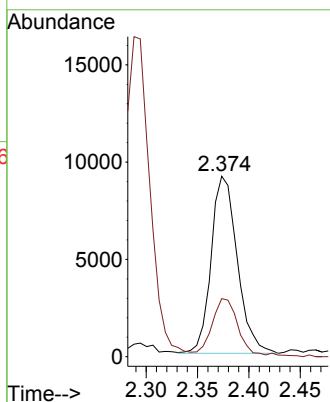
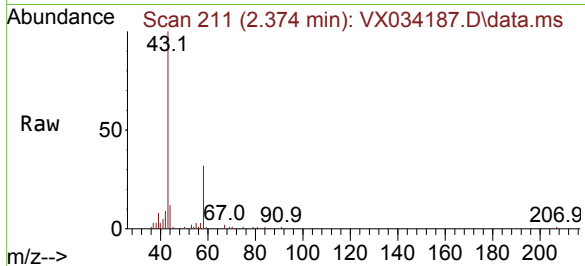




#16
Acetone
Concen: 6.691 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

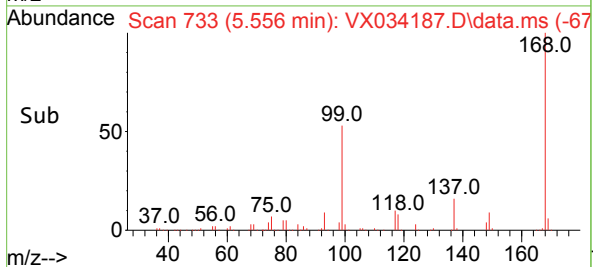
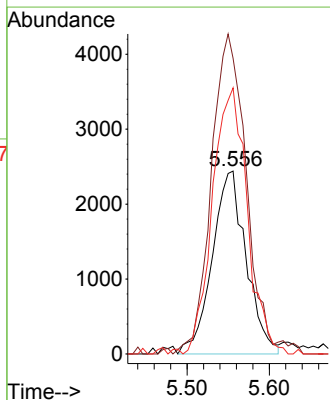
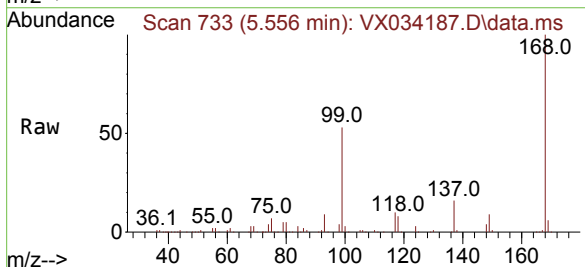
Instrument :
MSVOA_X
ClientSampleId :
SW-1

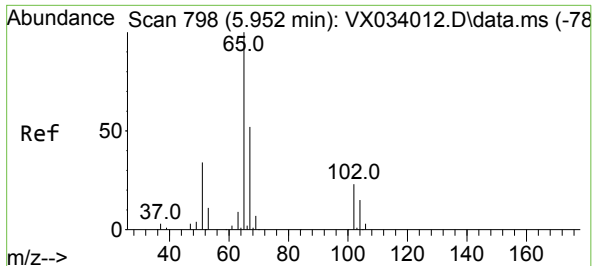
Tgt Ion: 43 Resp: 16156
Ion Ratio Lower Upper
43 100
58 31.9 22.6 33.8



#31
Cyclohexane
Concen: 1.004 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

Tgt Ion: 56 Resp: 7016
Ion Ratio Lower Upper
56 100
69 159.3 24.6 37.0#
84 142.9 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 43.744 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034187.D

Acq: 20 Feb 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

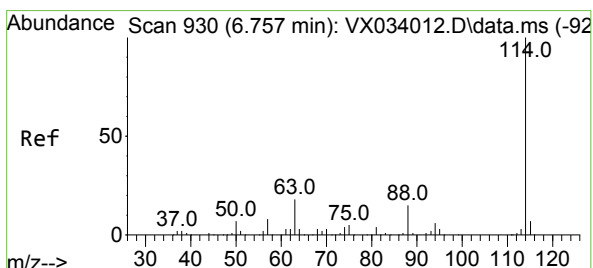
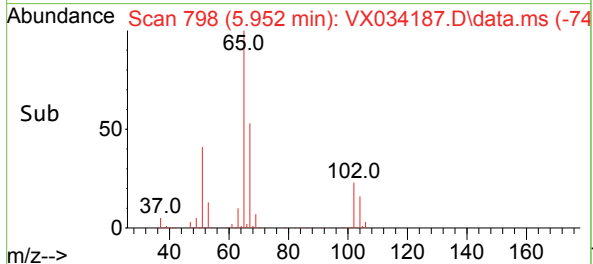
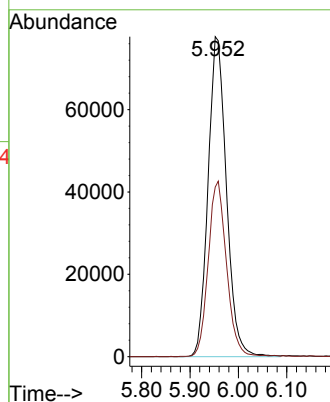
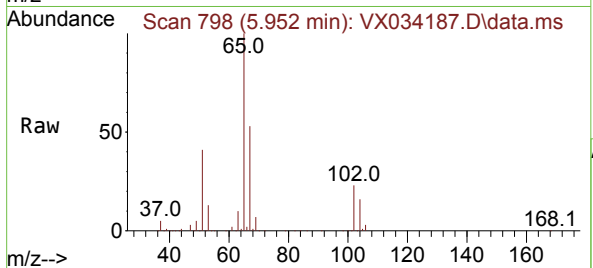
SW-1

Tgt Ion: 65 Resp: 204745

Ion Ratio Lower Upper

65 100

67 54.7 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: VX034187.D

Acq: 20 Feb 2023 15:00

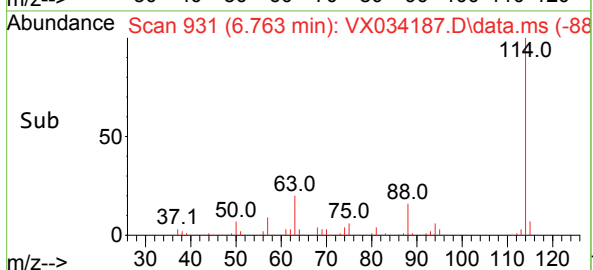
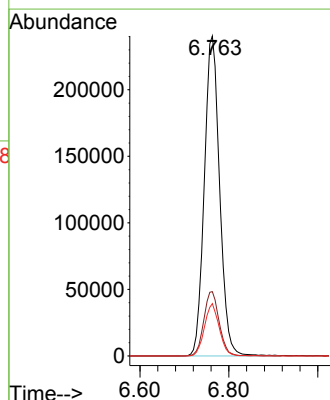
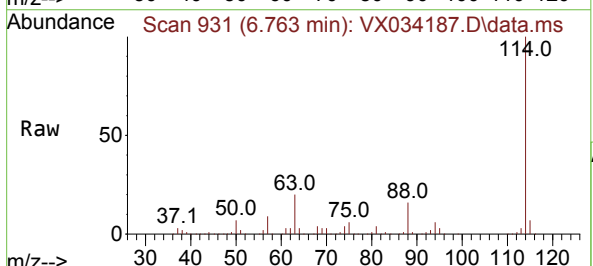
Tgt Ion: 114 Resp: 577693

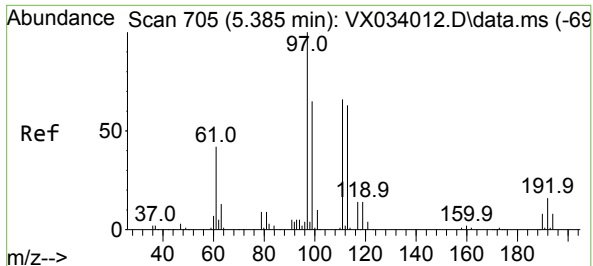
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 16.4 0.0 30.6

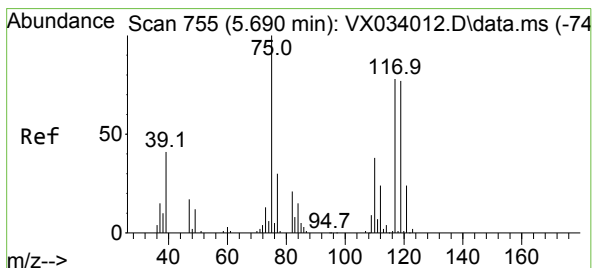
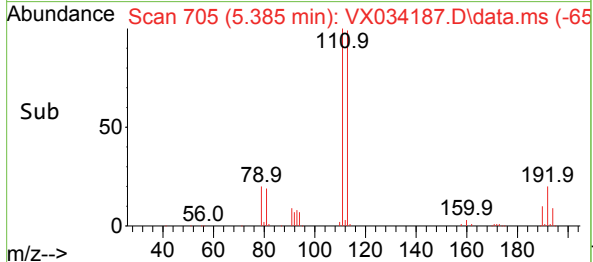
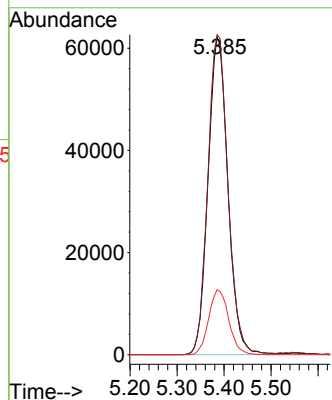
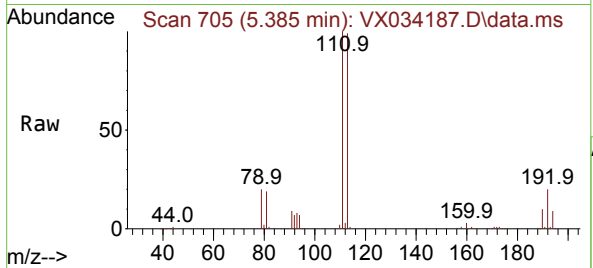




#35
Dibromofluoromethane
Concen: 48.487 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

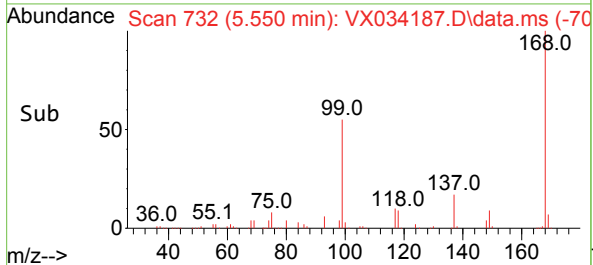
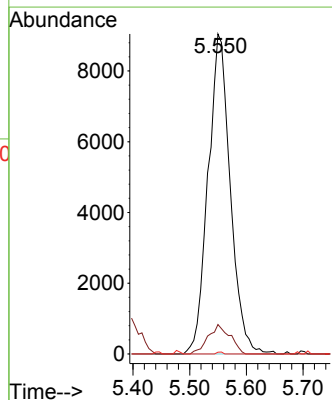
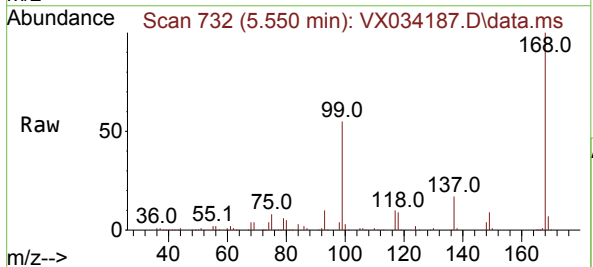
Instrument :
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ClientSampleId :
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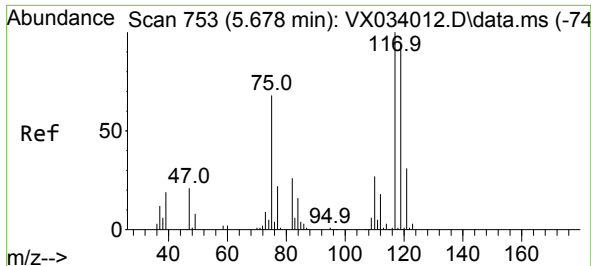
Tgt Ion:113 Resp: 182377
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 20.7 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

Tgt Ion: 75 Resp: 24635
Ion Ratio Lower Upper
75 100
110 9.1 18.8 56.4#
77 0.2 25.1 37.7#

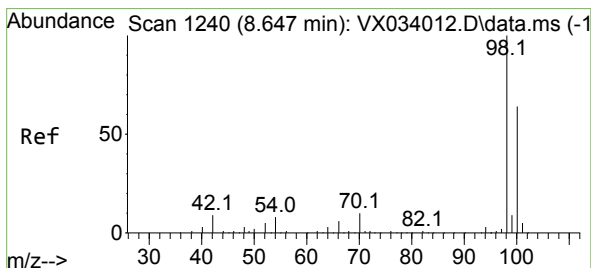
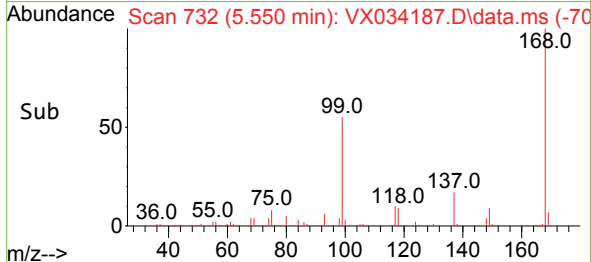
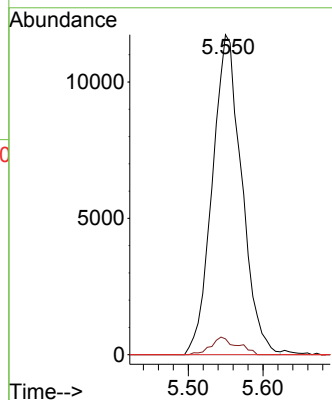
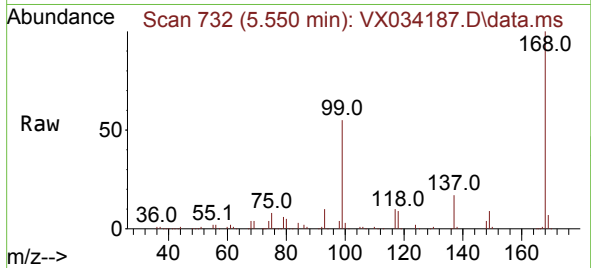




#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

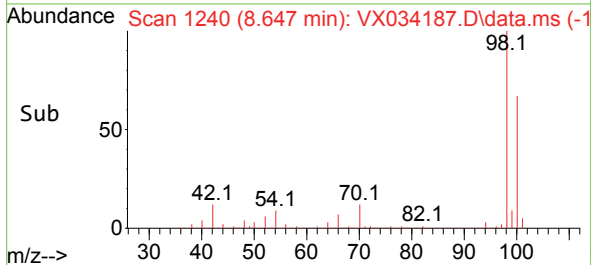
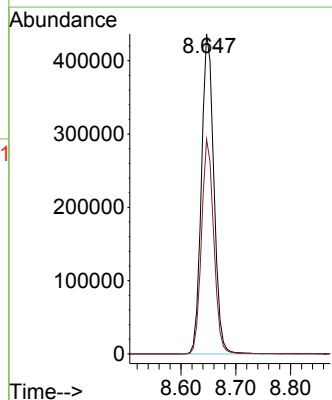
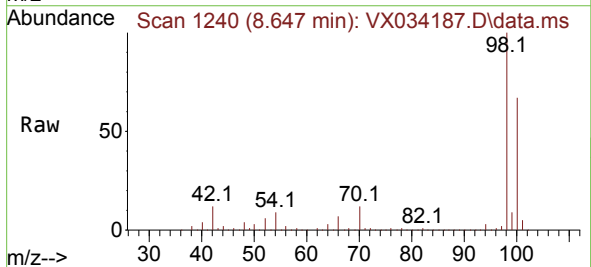
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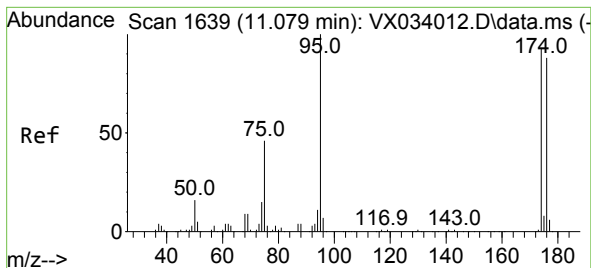
Tgt Ion:117 Resp: 32082
Ion Ratio Lower Upper
117 100
119 4.9 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.991 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

Tgt Ion: 98 Resp: 688608
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4

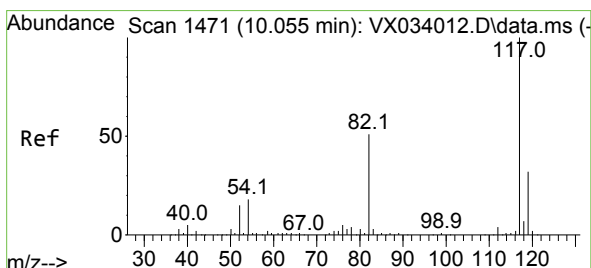
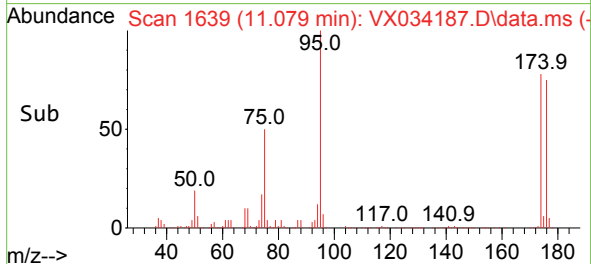
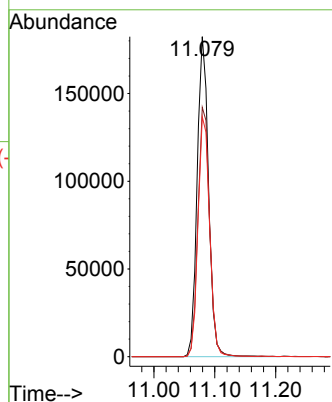
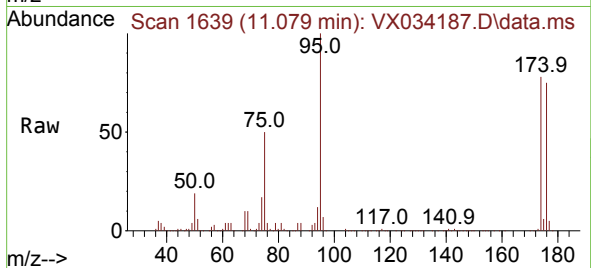




#62
4-Bromofluorobenzene
Concen: 45.632 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

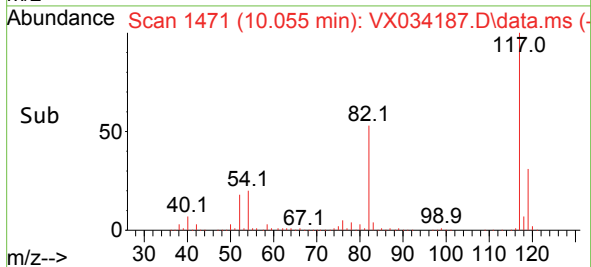
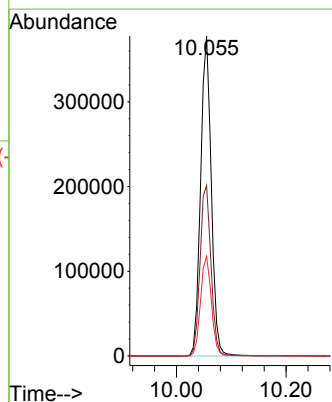
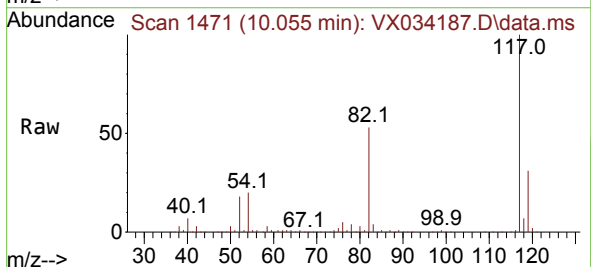
Instrument :
MSVOA_X
ClientSampleId :
SW-1

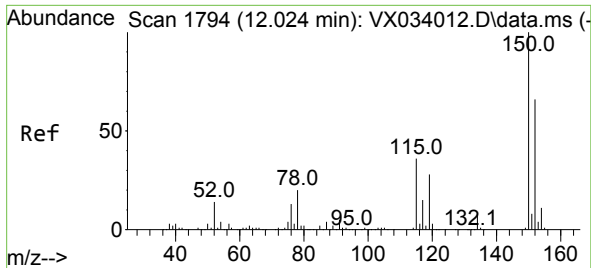
Tgt Ion: 95 Resp: 235712
Ion Ratio Lower Upper
95 100
174 80.2 0.0 184.4
176 76.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034187.D
Acq: 20 Feb 2023 15:00

Tgt Ion: 117 Resp: 511238
Ion Ratio Lower Upper
117 100
82 53.3 40.6 60.8
119 31.2 25.6 38.4

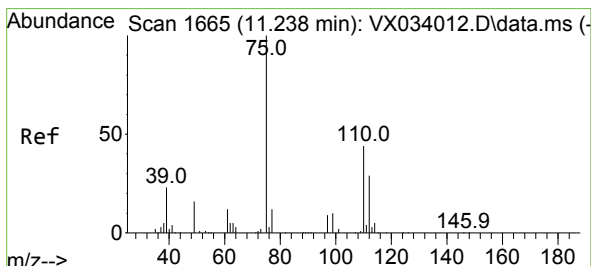
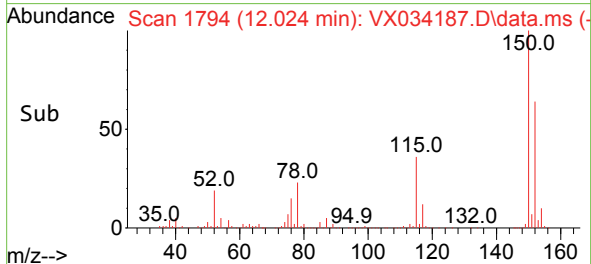
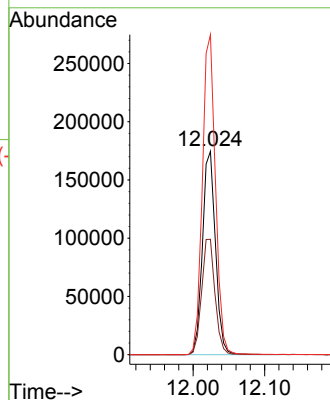
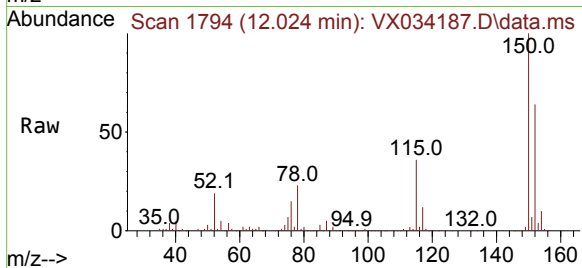




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034187.D
 Acq: 20 Feb 2023 15:00

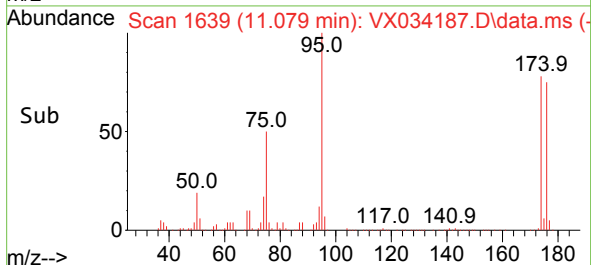
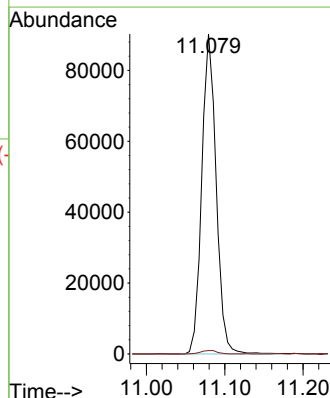
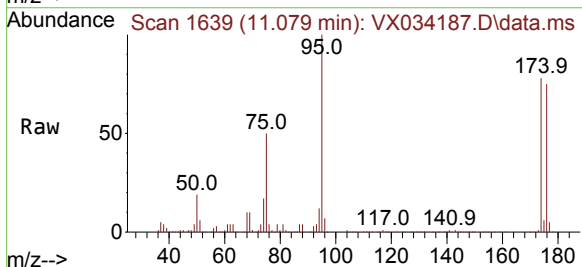
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

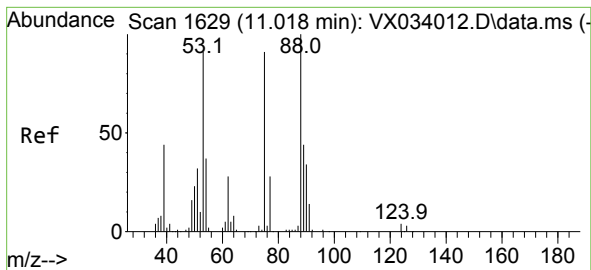
Tgt Ion:152 Resp: 220985
 Ion Ratio Lower Upper
 152 100
 115 58.3 38.7 116.1
 150 158.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 20.710 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034187.D
 Acq: 20 Feb 2023 15:00

Tgt Ion: 75 Resp: 115161
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.203 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX034187.D
 Acq: 20 Feb 2023 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Tgt Ion: 75 Resp: 115161
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

