

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034185.D
 Acq On : 20 Feb 2023 14:14
 Operator : JC/MD
 Sample : 01593-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2

Quant Time: Feb 21 01:07:28 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)

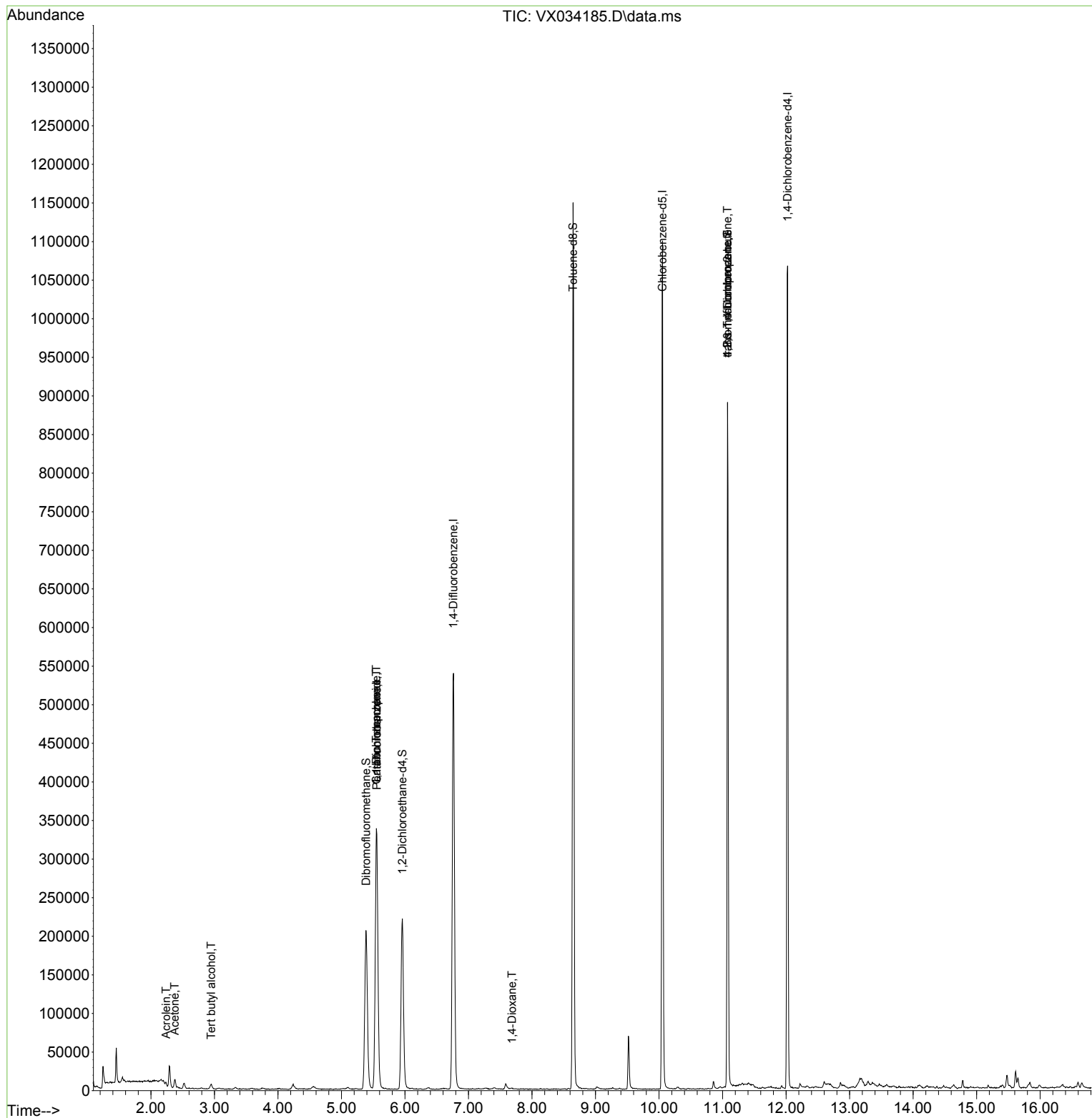
Internal Standards						
1) Pentafluorobenzene	5.556	168	339906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	569886	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204522	44.678	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.360%
35) Dibromofluoromethane	5.385	113	177631	47.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.647	98	682855	51.258	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.520%
62) 4-Bromofluorobenzene	11.079	95	239515	47.003	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.000%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	312	Below Cal	#	9
11) Tert butyl alcohol	2.946	59	5992	5.852	ug/l #	87
13) Acrolein	2.239	56	4151	8.881	ug/l	96
16) Acetone	2.373	43	11757	4.979	ug/l #	89
36) 1,1-Dichloropropene	5.550	75	25205	4.593	ug/l #	48
38) Carbon Tetrachloride	5.550	117	32752	5.800	ug/l #	15
49) 1,4-Dioxane	7.683	88	619	6.042	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	118221	20.235	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	118221	51.982	ug/l #	8

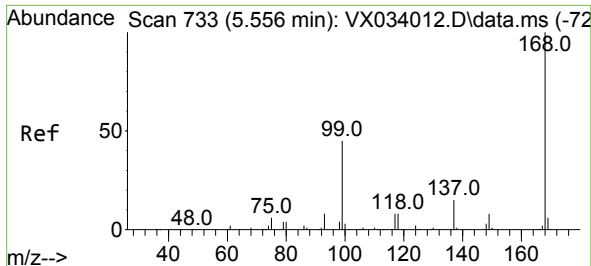
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

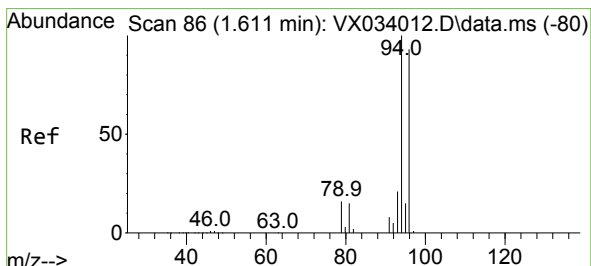
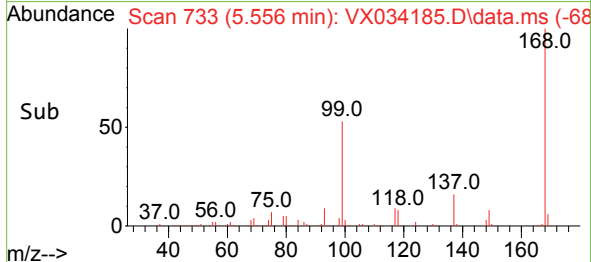
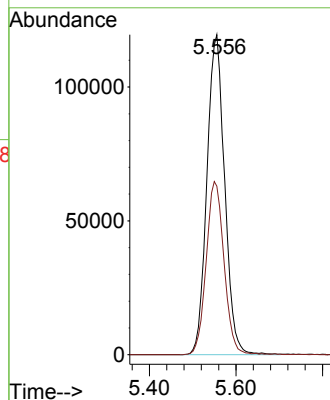
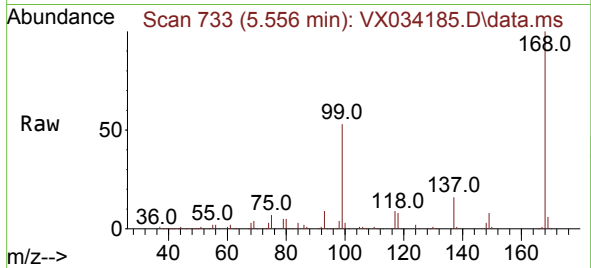




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

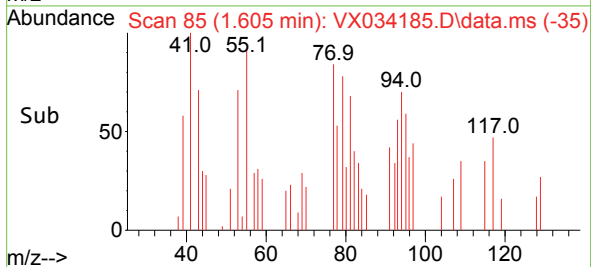
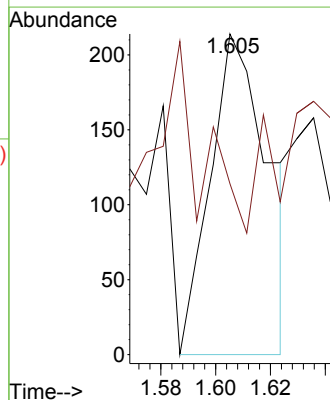
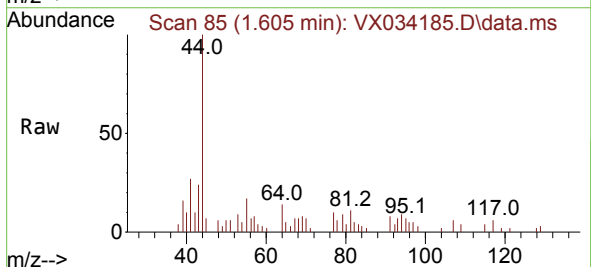
Instrument :
MSVOA_X
ClientSampleId :
SW-2

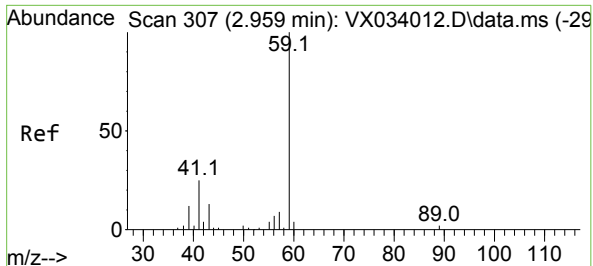
Tgt Ion:168 Resp: 339906
Ion Ratio Lower Upper
168 100
99 52.6 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

Tgt Ion: 94 Resp: 312
Ion Ratio Lower Upper
94 100
96 5.6 74.3 111.5#





#11

Tert butyl alcohol

Concen: 5.852 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034185.D

Acq: 20 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

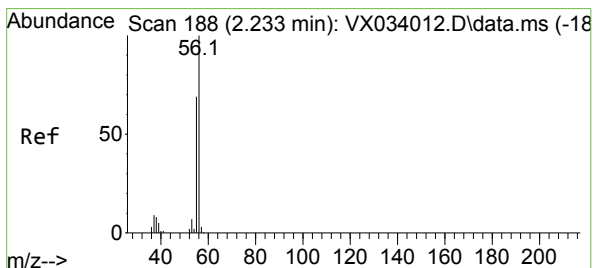
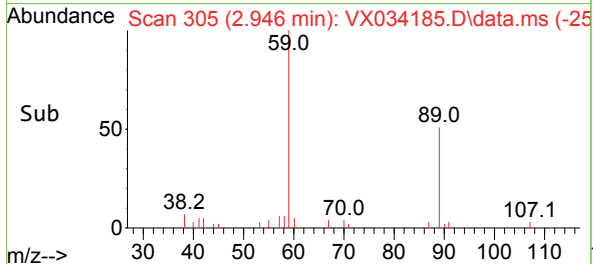
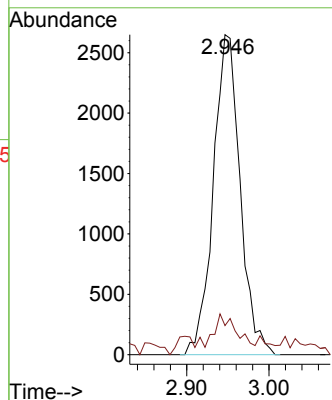
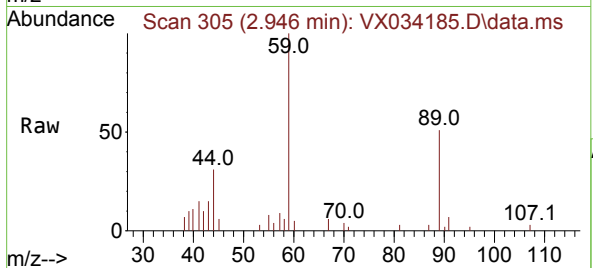
SW-2

Tgt Ion: 59 Resp: 5992

Ion Ratio Lower Upper

59 100

57 8.9 3.7 5.5#



#13

Acrolein

Concen: 8.881 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX034185.D

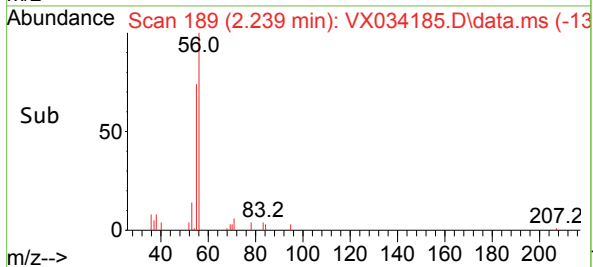
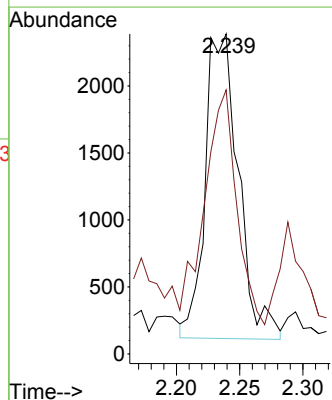
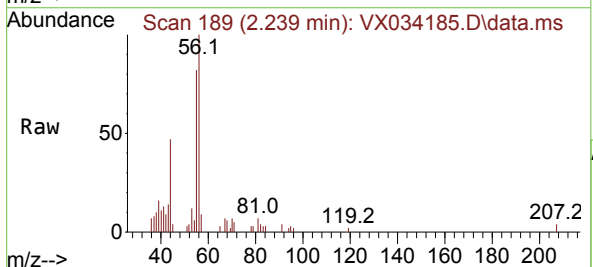
Acq: 20 Feb 2023 14:14

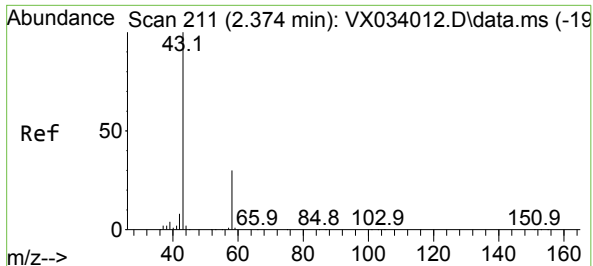
Tgt Ion: 56 Resp: 4151

Ion Ratio Lower Upper

56 100

55 74.0 56.3 84.5

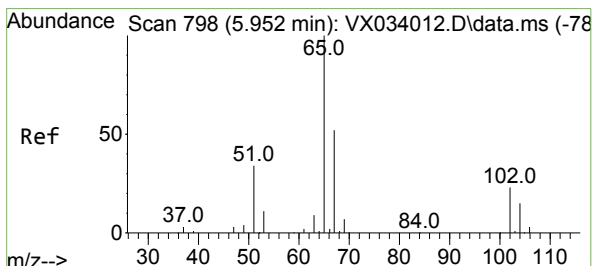
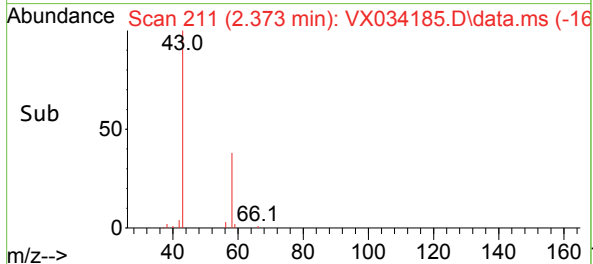
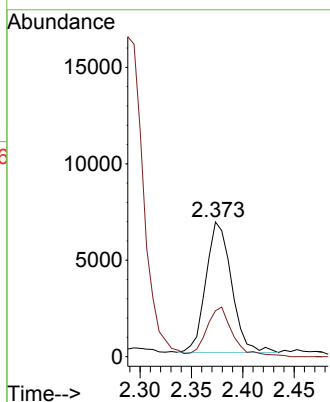
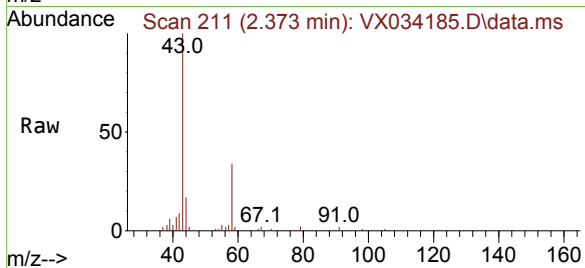




#16
Acetone
Concen: 4.979 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

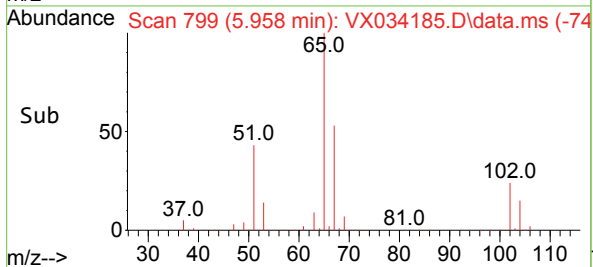
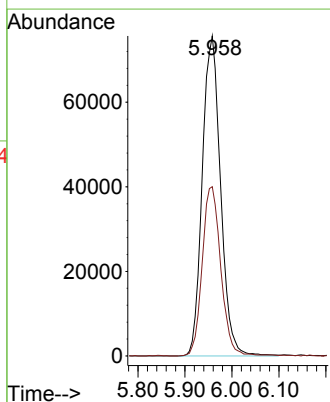
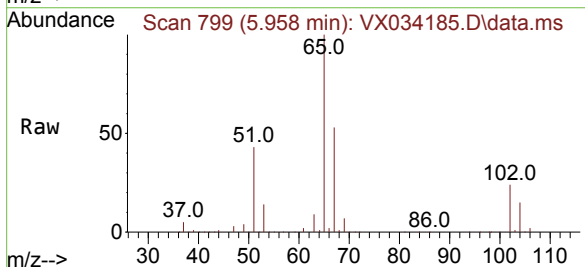
Instrument :
MSVOA_X
ClientSampleId :
SW-2

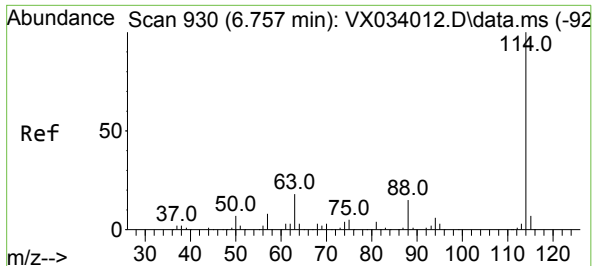
Tgt Ion: 43 Resp: 11757
Ion Ratio Lower Upper
43 100
58 33.9 22.6 33.8#



#33
1,2-Dichloroethane-d4
Concen: 44.678 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

Tgt Ion: 65 Resp: 204522
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8

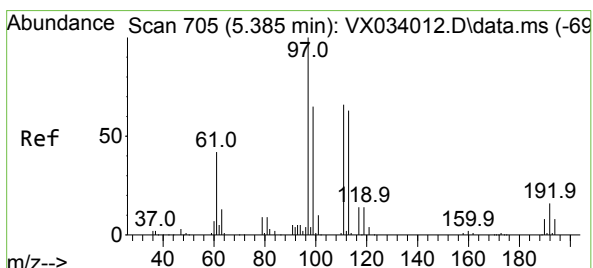
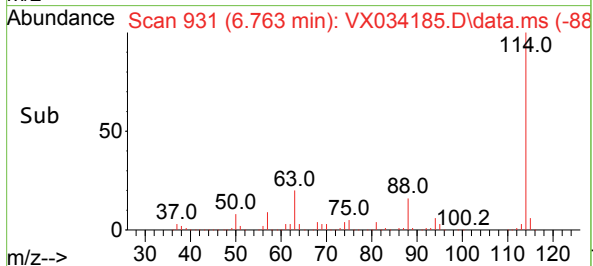
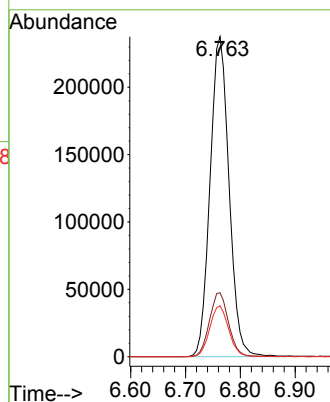
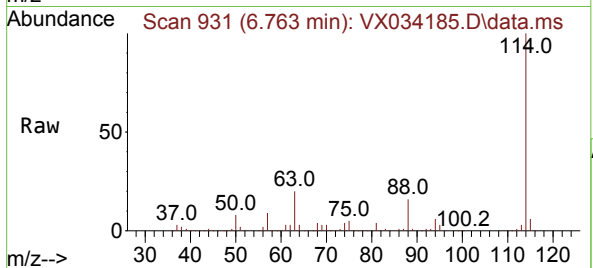




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

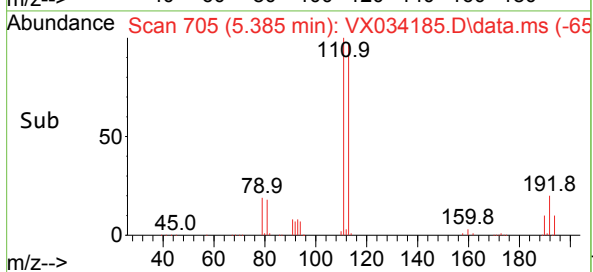
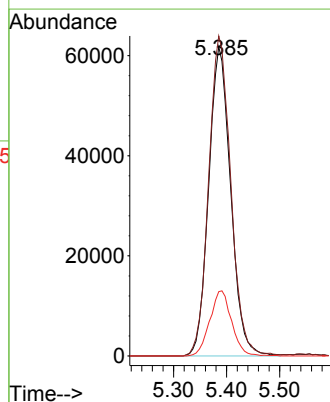
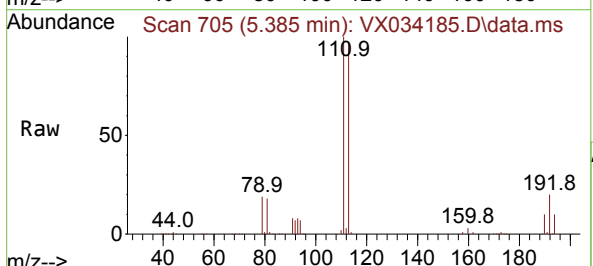
Instrument :
MSVOA_X
ClientSampleId :
SW-2

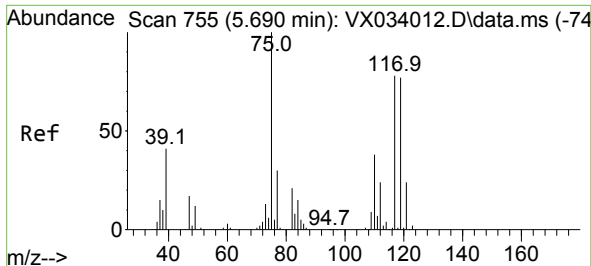
Tgt Ion:114 Resp: 569886
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.872 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

Tgt Ion:113 Resp: 177631
Ion Ratio Lower Upper
113 100
111 104.3 83.0 124.6
192 21.0 19.0 28.4

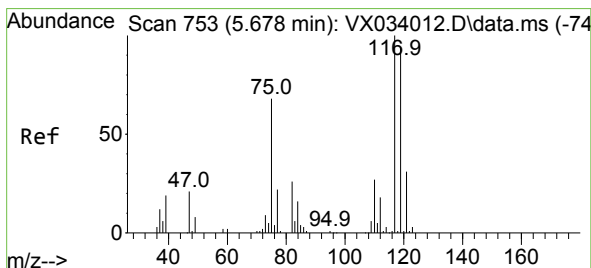
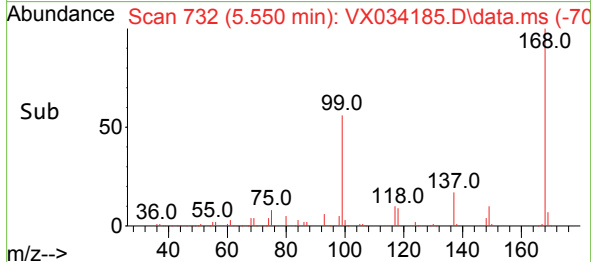
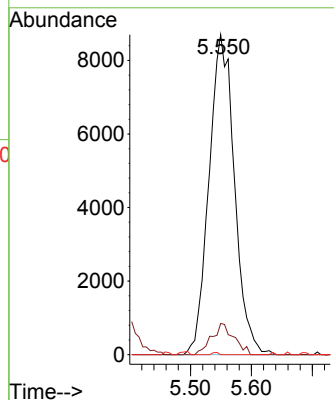
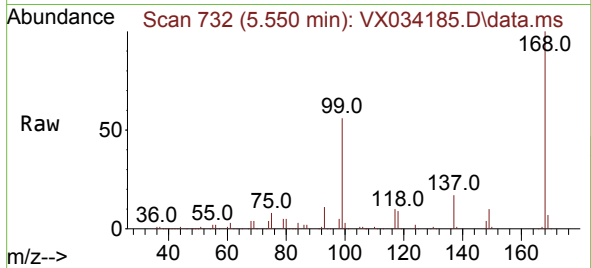




#36
1,1-Dichloropropene
Concen: 4.593 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

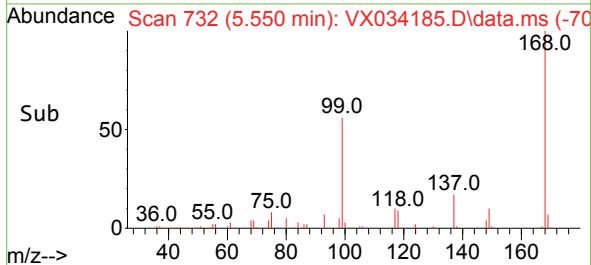
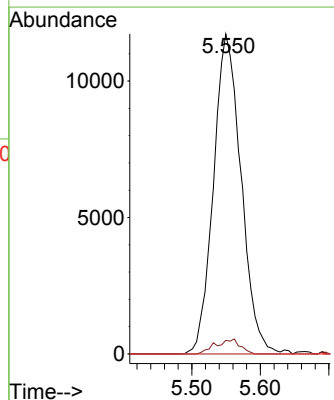
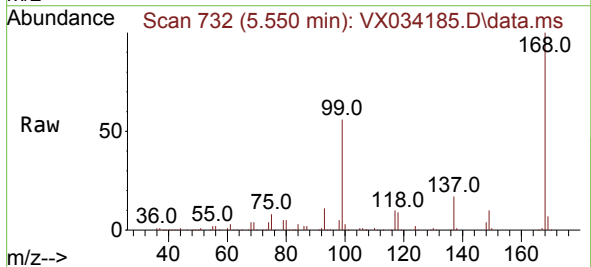
Instrument :
MSVOA_X
ClientSampleId :
SW-2

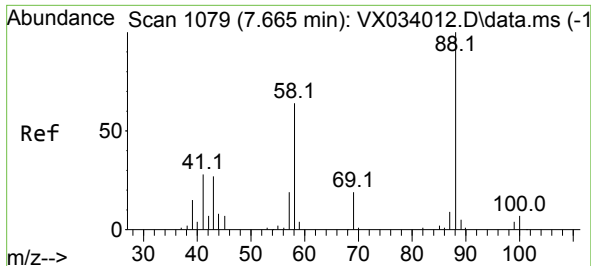
Tgt Ion: 75 Resp: 25205
Ion Ratio Lower Upper
75 100
110 8.5 18.8 56.4#
77 0.2 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.800 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

Tgt Ion: 117 Resp: 32752
Ion Ratio Lower Upper
117 100
119 4.3 78.0 117.0#
121 0.0 24.4 36.6#

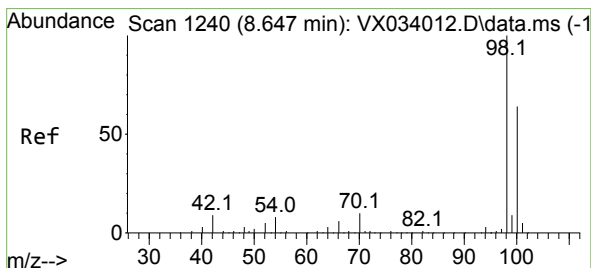
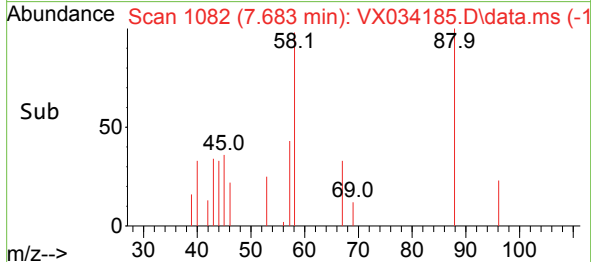
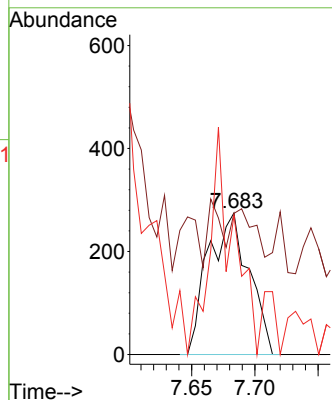
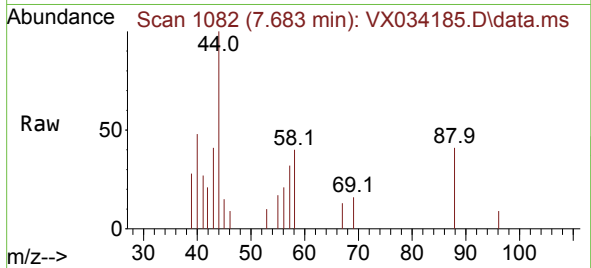




#49
1,4-Dioxane
Concen: 6.042 ug/l
RT: 7.683 min Scan# 1079
Delta R.T. 0.031 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

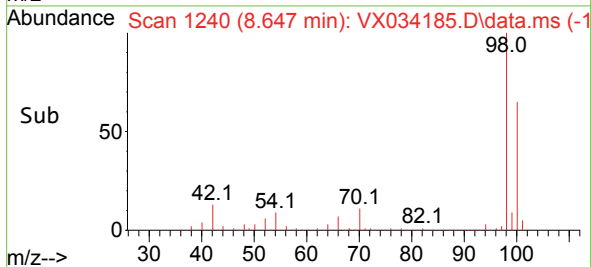
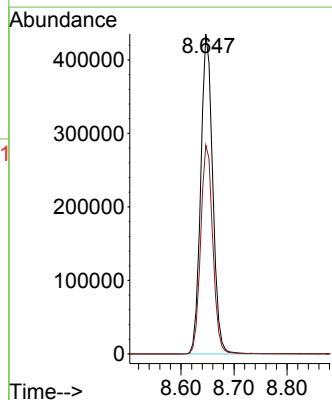
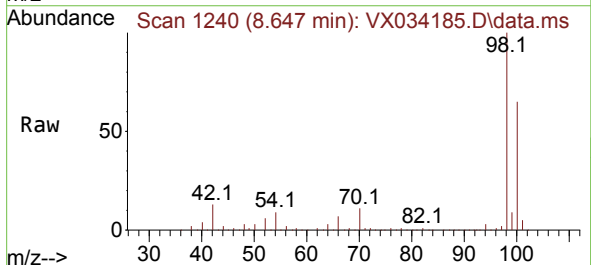
Instrument :
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SW-2

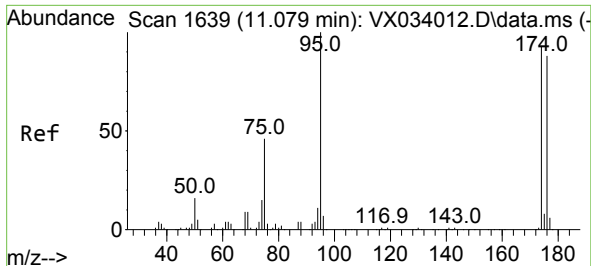
Tgt Ion: 88 Resp: 619
Ion Ratio Lower Upper
88 100
43 30.5 0.0 0.0#
58 0.0 56.5 84.7#



#50
Toluene-d8
Concen: 51.258 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

Tgt Ion: 98 Resp: 682855
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4

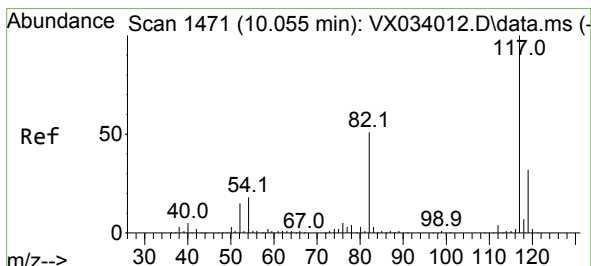
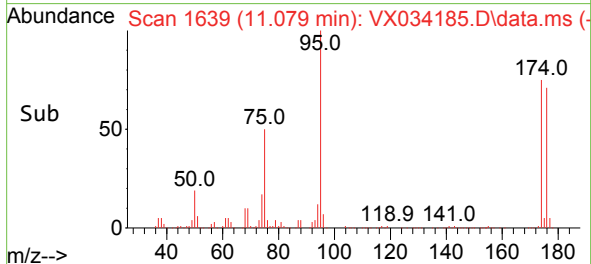
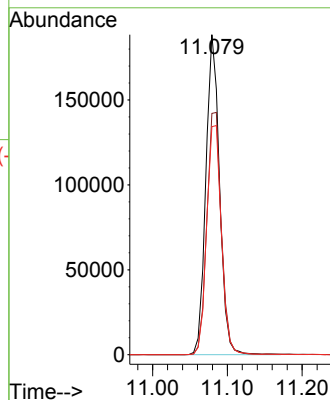
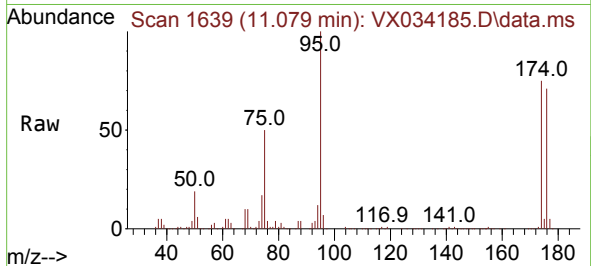




#62
4-Bromofluorobenzene
Concen: 47.003 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

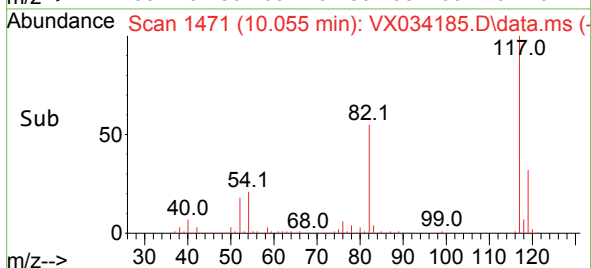
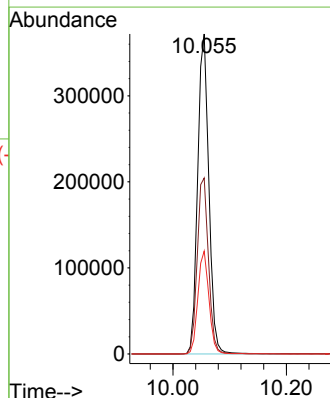
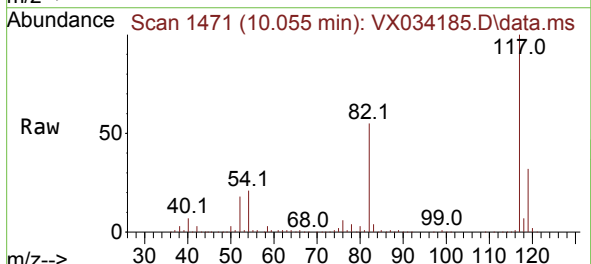
Instrument :
MSVOA_X
ClientSampleId :
SW-2

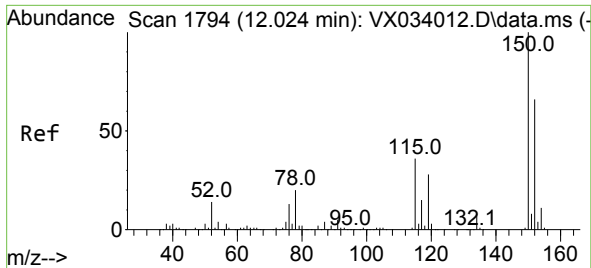
Tgt Ion: 95 Resp: 239515
Ion Ratio Lower Upper
95 100
174 80.2 0.0 184.4
176 77.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

Tgt Ion: 117 Resp: 506883
Ion Ratio Lower Upper
117 100
82 55.0 40.6 60.8
119 32.1 25.6 38.4

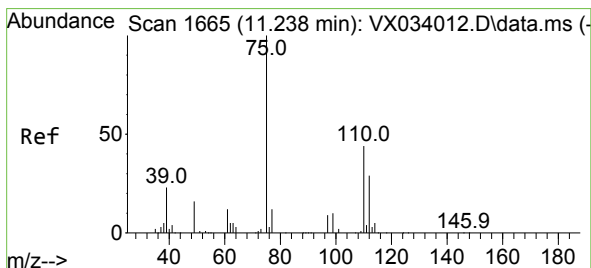
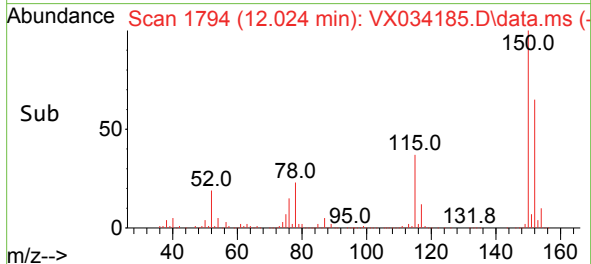
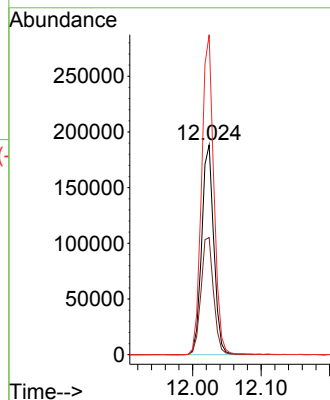
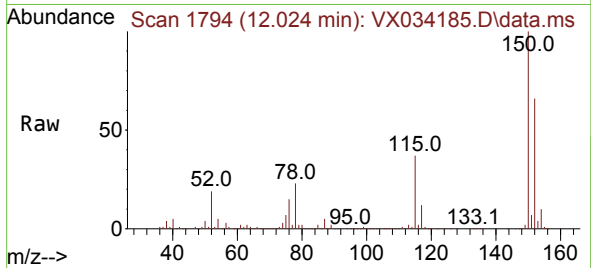




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

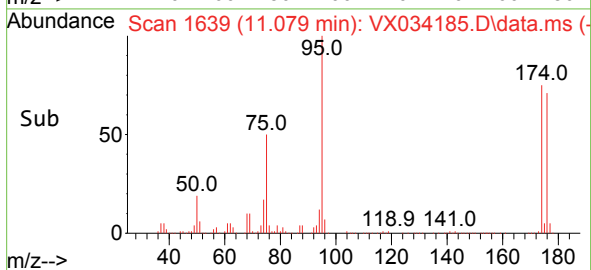
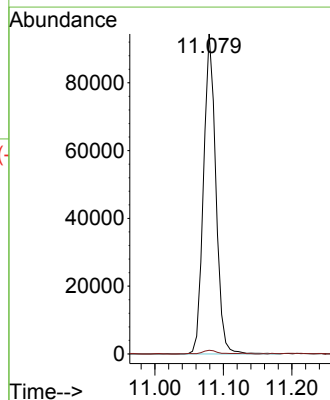
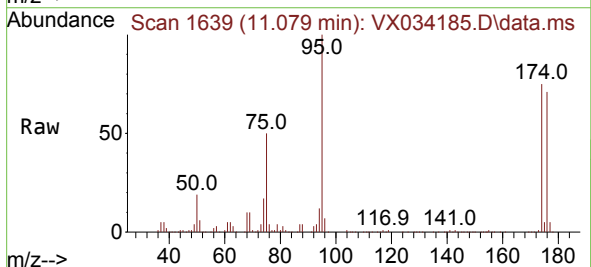
Instrument :
MSVOA_X
ClientSampleId :
SW-2

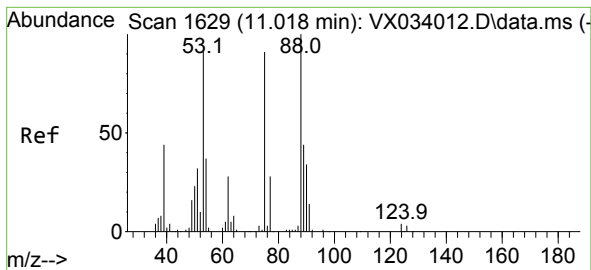
Tgt Ion:152 Resp: 232184
Ion Ratio Lower Upper
152 100
115 58.3 38.7 116.1
150 154.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 20.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

Tgt Ion: 75 Resp: 118221
Ion Ratio Lower Upper
75 100
77 1.5 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.982 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034185.D
 Acq: 20 Feb 2023 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2

Tgt Ion: 75 Resp: 118221
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.1 37.7 56.5#

