

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034183.D
 Acq On : 20 Feb 2023 13:27
 Operator : JC/MD
 Sample : 01611-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-17

Quant Time: Feb 21 01:06:46 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)

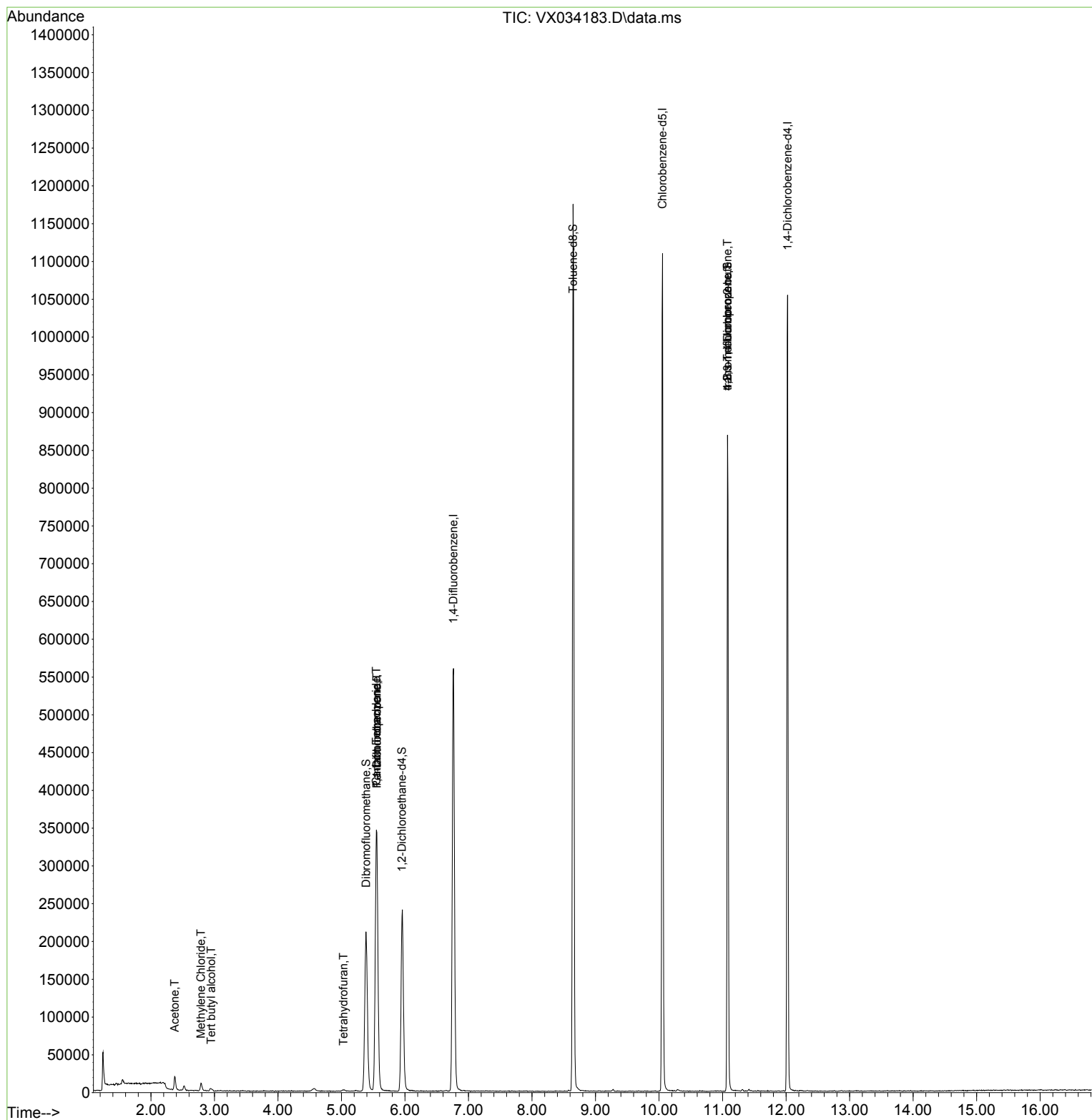
Internal Standards						
1) Pentafluorobenzene	5.556	168	355079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	594478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	520942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	211124	44.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.300%
35) Dibromofluoromethane	5.385	113	186800	48.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	711315	51.185	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.380%
62) 4-Bromofluorobenzene	11.079	95	239779	45.108	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	446	Below Cal	#	68
11) Tert butyl alcohol	2.946	59	1959	1.832	ug/l #	73
16) Acetone	2.373	43	20090	8.144	ug/l	91
20) Methylene Chloride	2.788	84	5175	1.164	ug/l #	87
29) Tetrahydrofuran	5.031	42	2533	1.163	ug/l #	63
36) 1,1-Dichloropropene	5.556	75	25652	4.481	ug/l #	49
38) Carbon Tetrachloride	5.550	117	32912	5.587	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	117934	20.515	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	117934	52.702	ug/l #	8

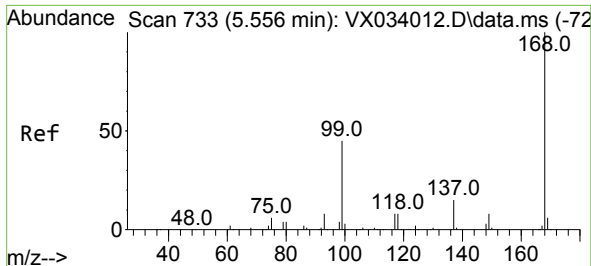
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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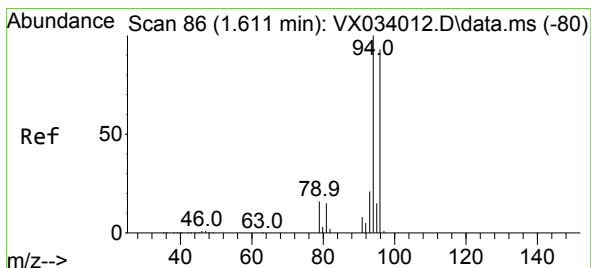
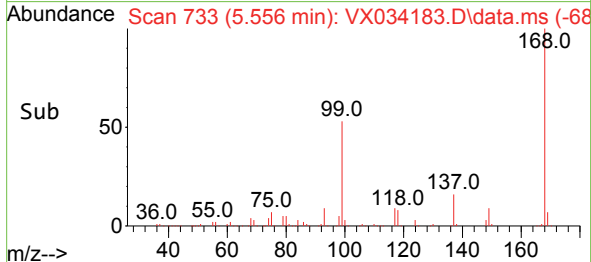
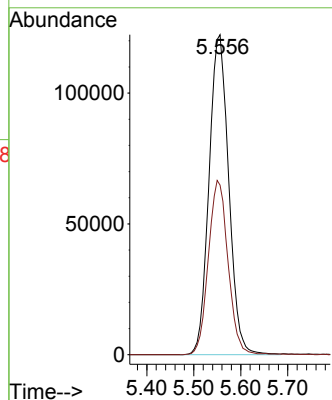
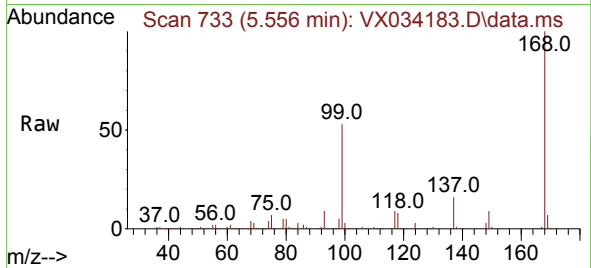




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034183.D
Acq: 20 Feb 2023 13:27

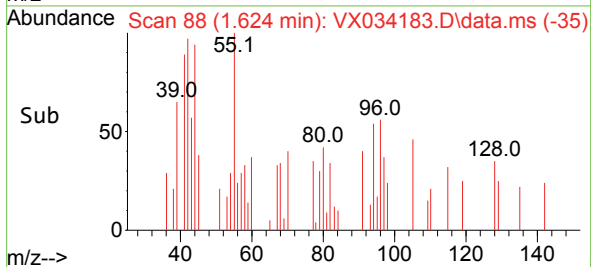
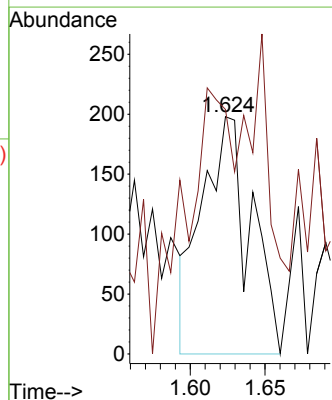
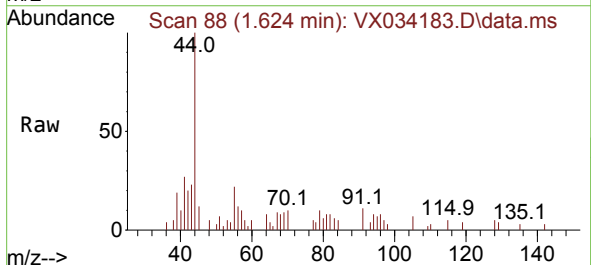
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-17

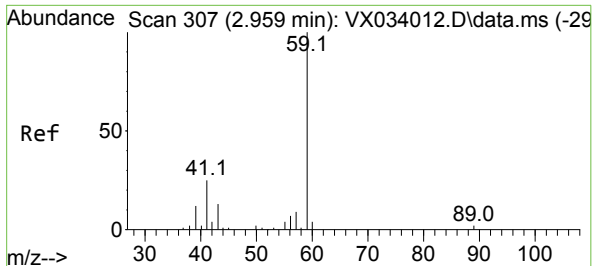
Tgt Ion:168 Resp: 355079
Ion Ratio Lower Upper
168 100
99 53.0 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX034183.D
Acq: 20 Feb 2023 13:27

Tgt Ion: 94 Resp: 446
Ion Ratio Lower Upper
94 100
96 62.6 74.3 111.5#





#11

Tert butyl alcohol

Concen: 1.832 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034183.D

Acq: 20 Feb 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :

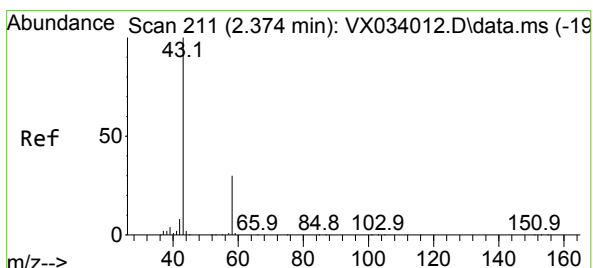
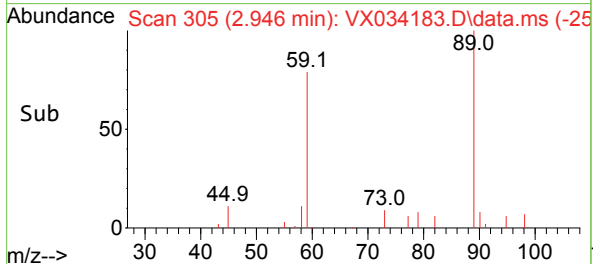
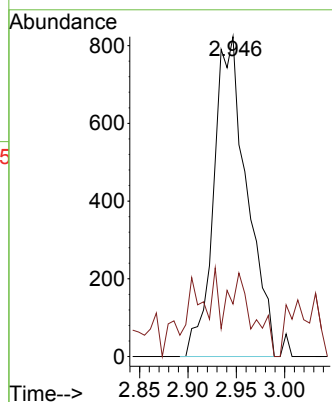
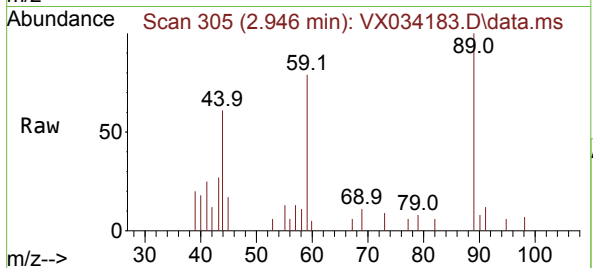
EB-2023-2-17

Tgt Ion: 59 Resp: 1959

Ion Ratio Lower Upper

59 100

57 13.5 3.7 5.5#



#16

Acetone

Concen: 8.144 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034183.D

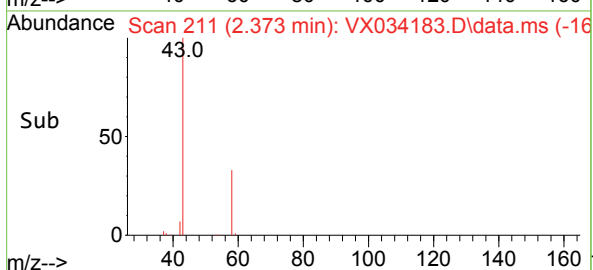
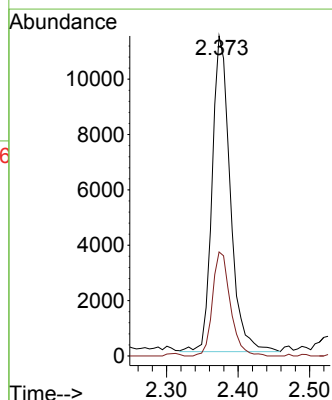
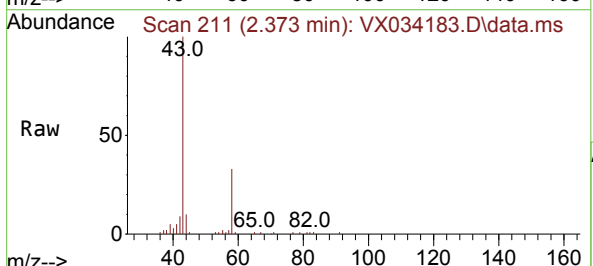
Acq: 20 Feb 2023 13:27

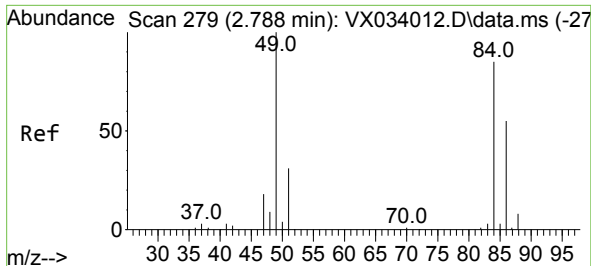
Tgt Ion: 43 Resp: 20090

Ion Ratio Lower Upper

43 100

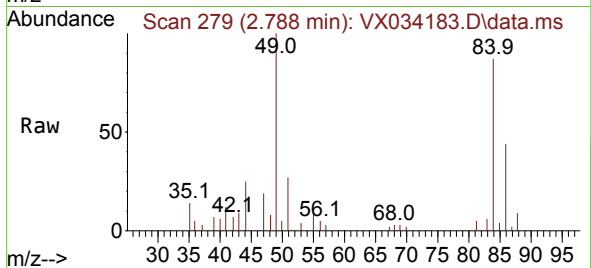
58 32.9 22.6 33.8



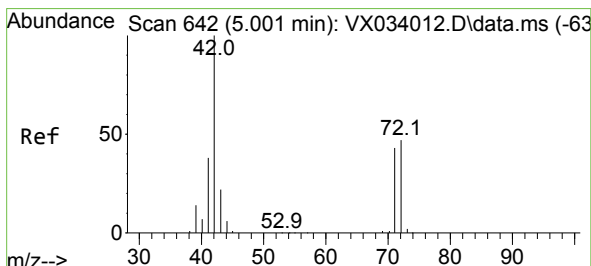
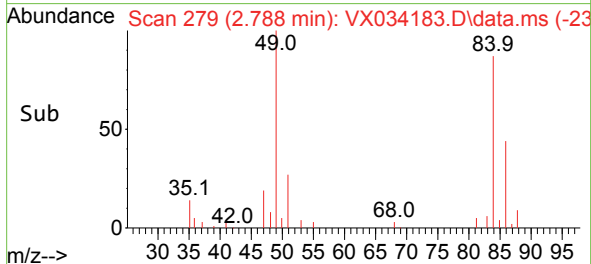
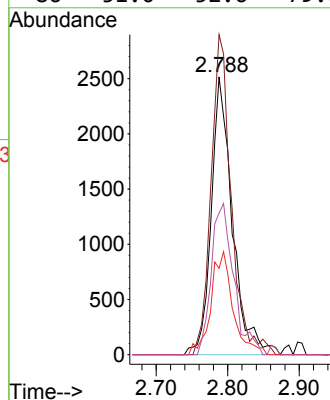


#20
Methylene Chloride
Concen: 1.164 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034183.D
Acq: 20 Feb 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-17

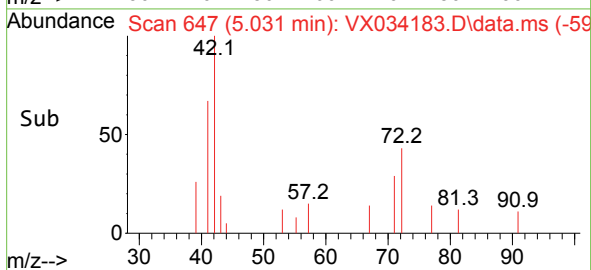
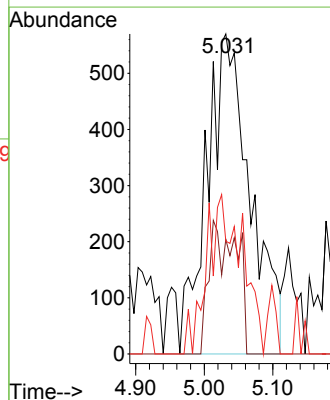
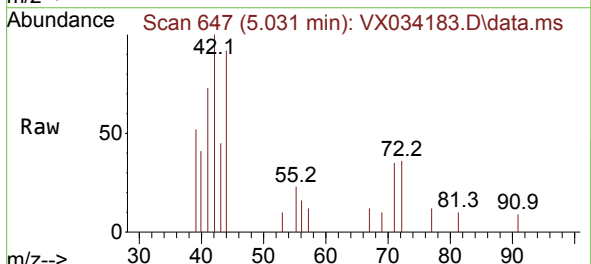


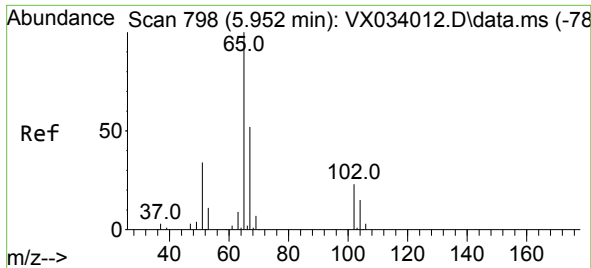
Tgt Ion:	84	Resp:	5175
Ion	Ratio	Lower	Upper
84	100		
49	115.2	101.1	151.7
51	31.1	31.0	46.6
86	51.0	52.6	79.0#



#29
Tetrahydrofuran
Concen: 1.163 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX034183.D
Acq: 20 Feb 2023 13:27

Tgt Ion:	42	Resp:	2533
Ion	Ratio	Lower	Upper
42	100		
72	12.2	34.8	52.2#
71	24.8	32.2	48.2#

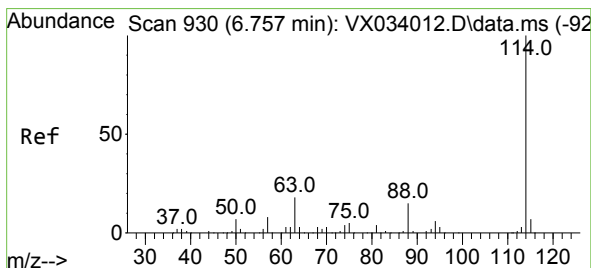
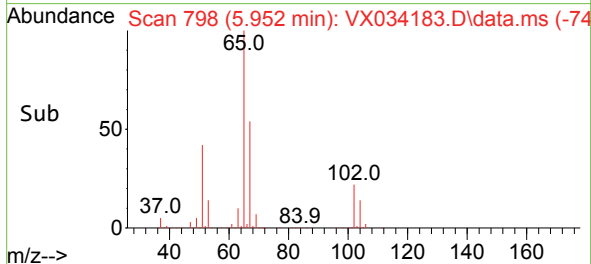
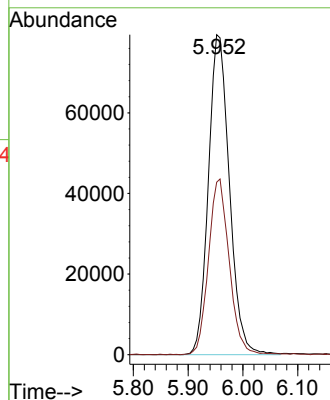
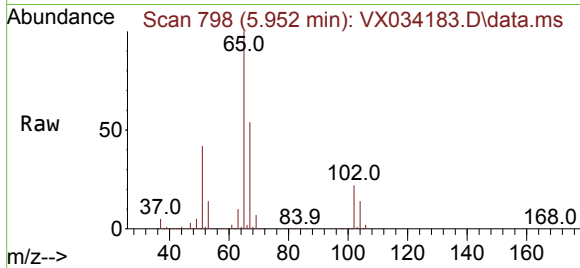




#33
 1,2-Dichloroethane-d4
 Concen: 44.149 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034183.D
 Acq: 20 Feb 2023 13:27

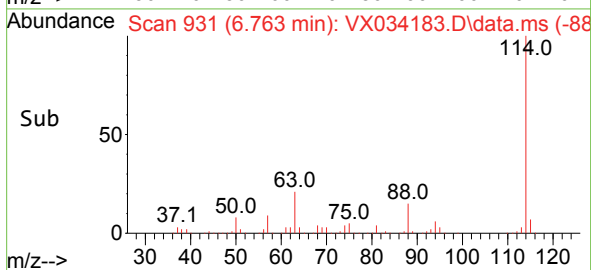
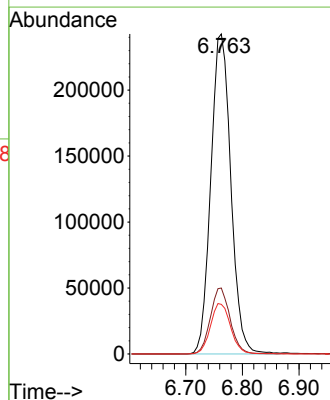
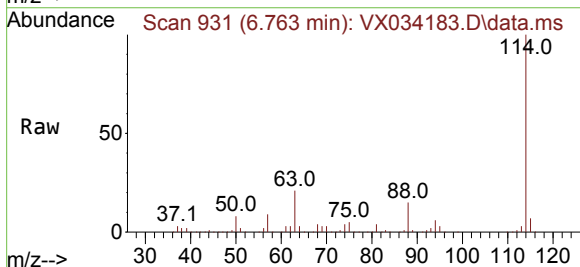
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-17

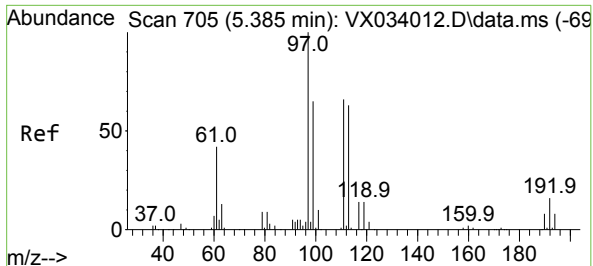
Tgt Ion: 65 Resp: 211124
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034183.D
 Acq: 20 Feb 2023 13:27

Tgt Ion: 114 Resp: 594478
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.5 0.0 30.6

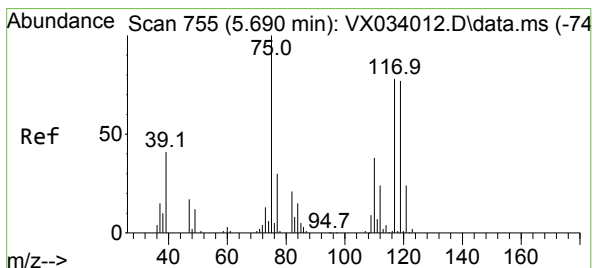
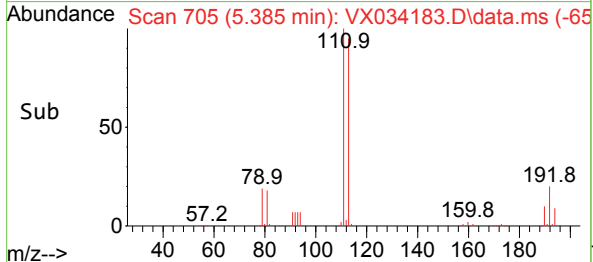
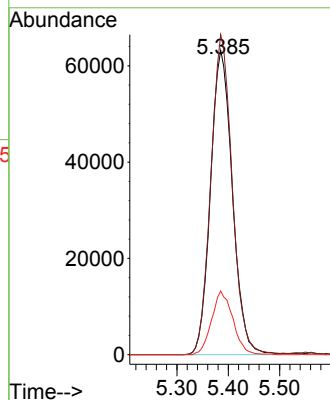
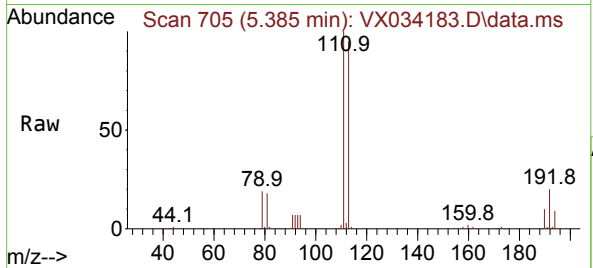




#35
Dibromofluoromethane
Concen: 48.261 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034183.D
Acq: 20 Feb 2023 13:27

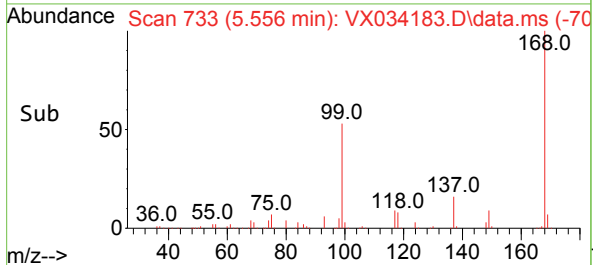
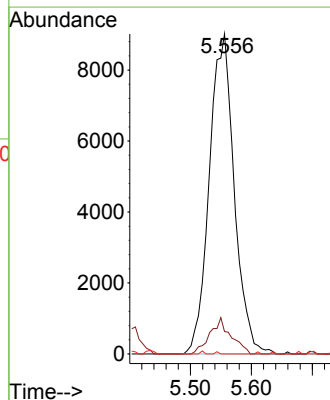
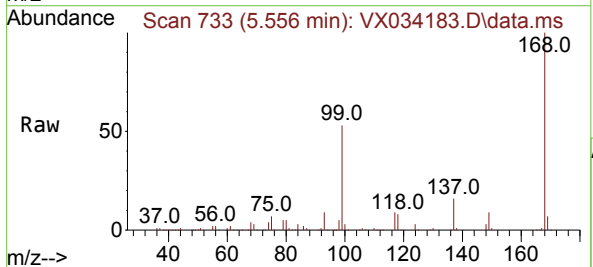
Instrument :
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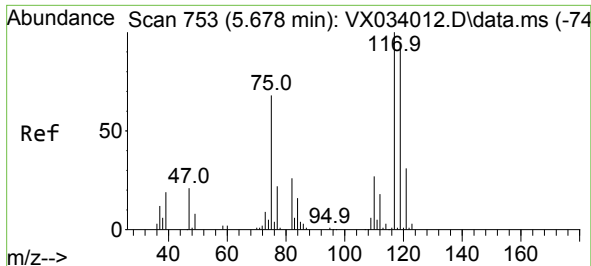
Tgt Ion:113 Resp: 186800
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.6
192 20.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.481 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX034183.D
Acq: 20 Feb 2023 13:27

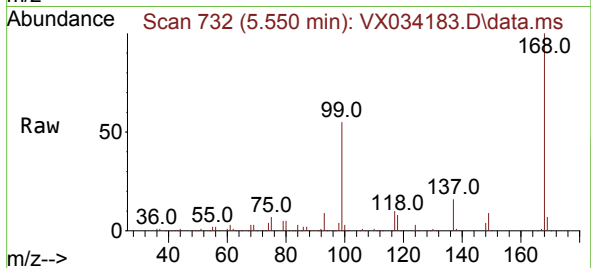
Tgt Ion: 75 Resp: 25652
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.1 25.1 37.7#



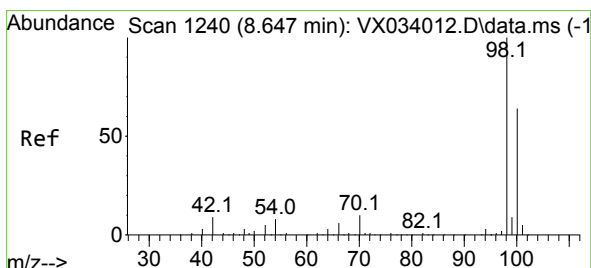
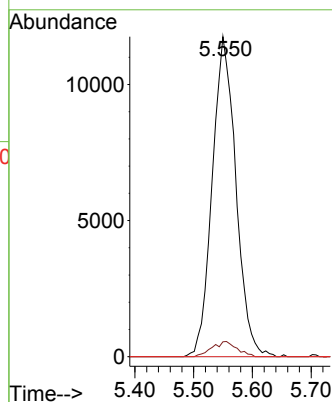
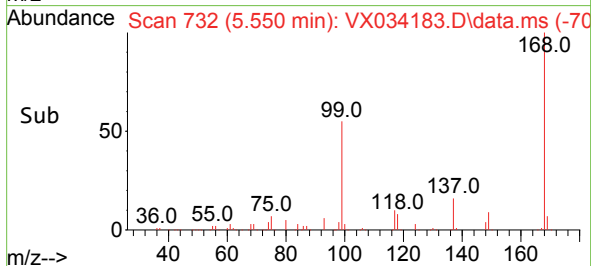


#38
Carbon Tetrachloride
Concen: 5.587 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034183.D
Acq: 20 Feb 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-17

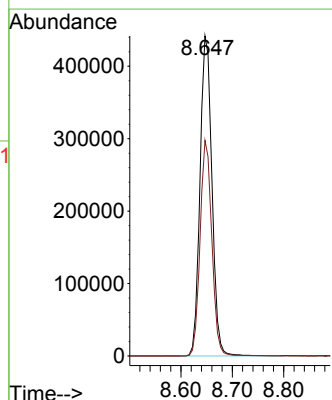
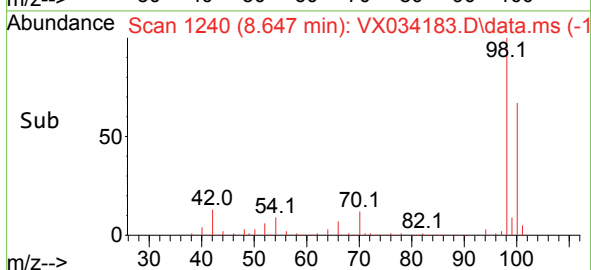
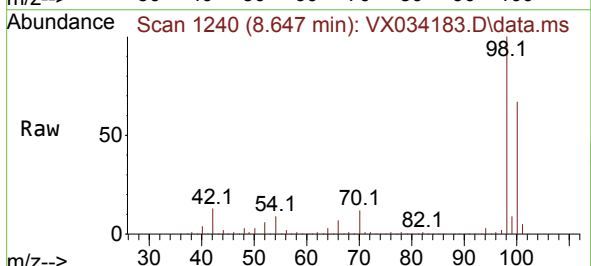


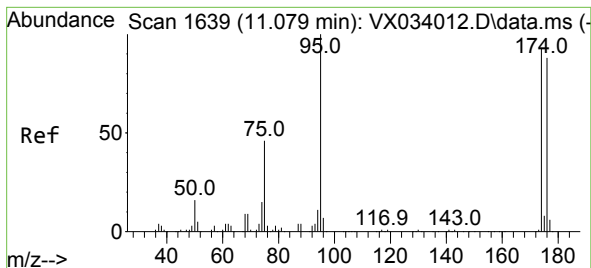
Tgt Ion:117 Resp: 32912
Ion Ratio Lower Upper
117 100
119 4.6 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.185 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034183.D
Acq: 20 Feb 2023 13:27

Tgt Ion: 98 Resp: 711315
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4

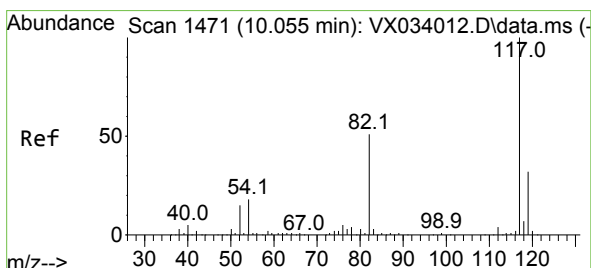
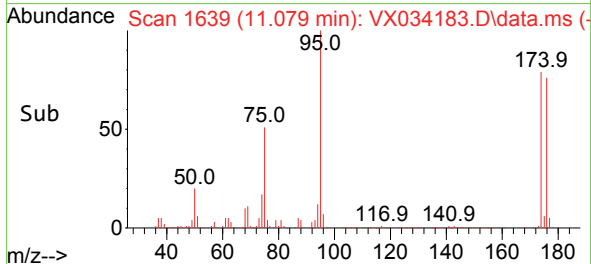
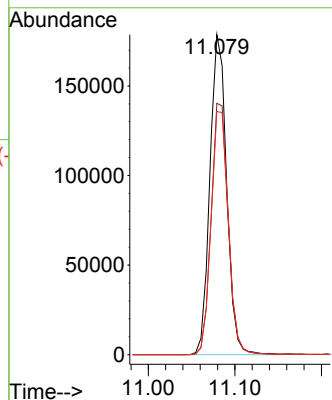
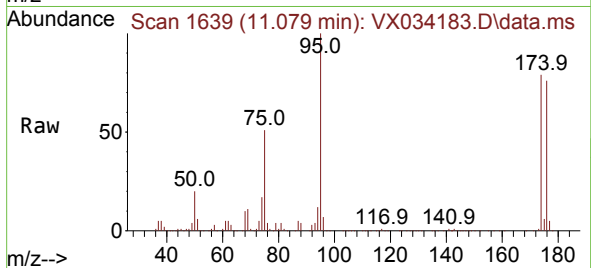




#62
4-Bromofluorobenzene
Concen: 45.108 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034183.D
Acq: 20 Feb 2023 13:27

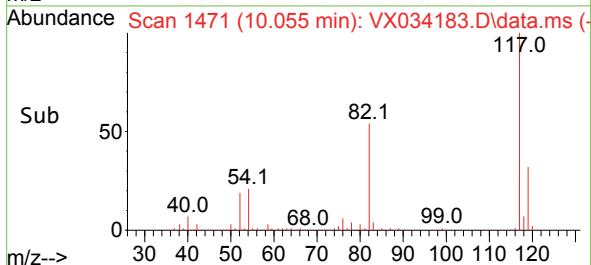
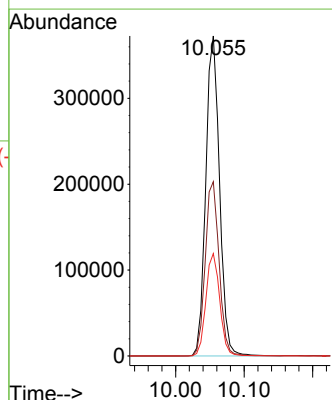
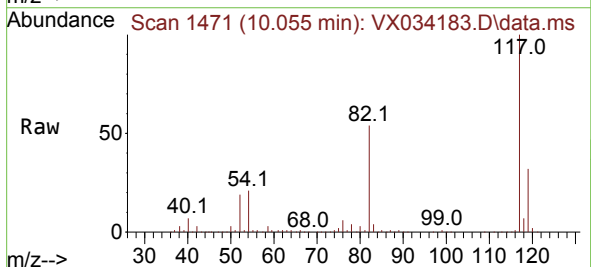
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-17

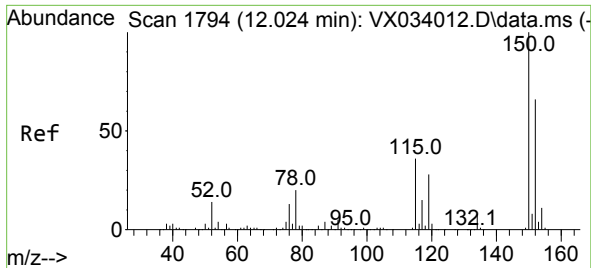
Tgt Ion: 95 Resp: 239779
Ion Ratio Lower Upper
95 100
174 79.9 0.0 184.4
176 78.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034183.D
Acq: 20 Feb 2023 13:27

Tgt Ion: 117 Resp: 520942
Ion Ratio Lower Upper
117 100
82 54.4 40.6 60.8
119 32.0 25.6 38.4

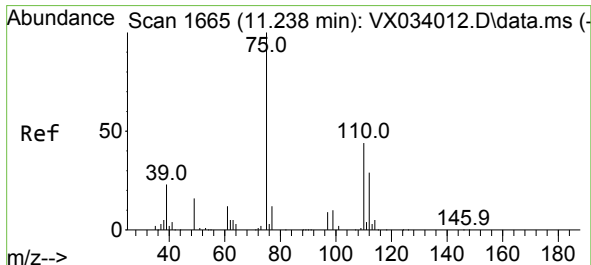
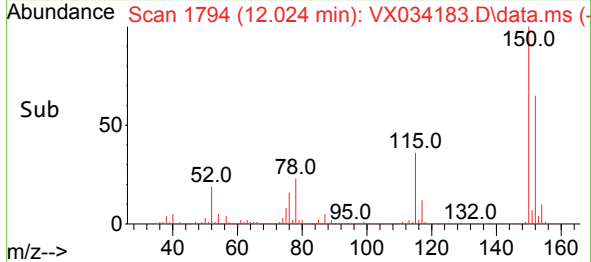
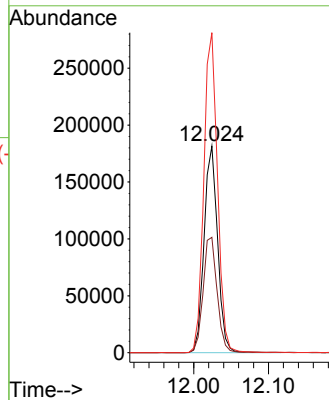
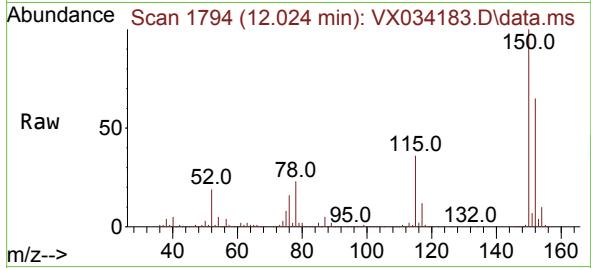




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034183.D
 Acq: 20 Feb 2023 13:27

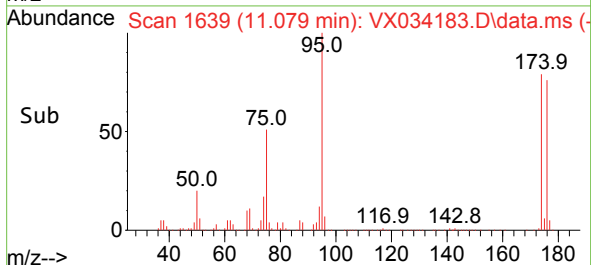
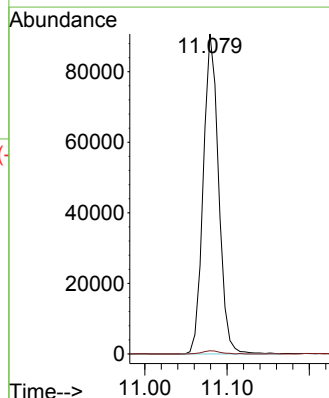
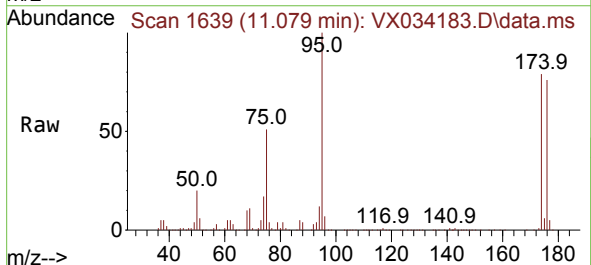
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-17

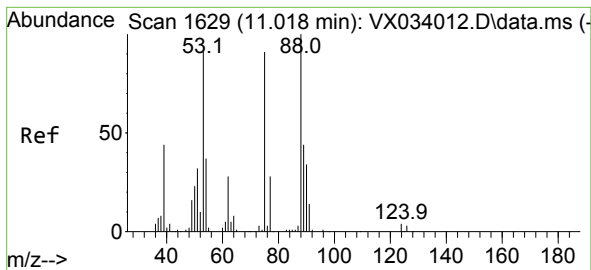
Tgt Ion:152 Resp: 228455
 Ion Ratio Lower Upper
 152 100
 115 57.9 38.7 116.1
 150 156.3 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 20.515 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034183.D
 Acq: 20 Feb 2023 13:27

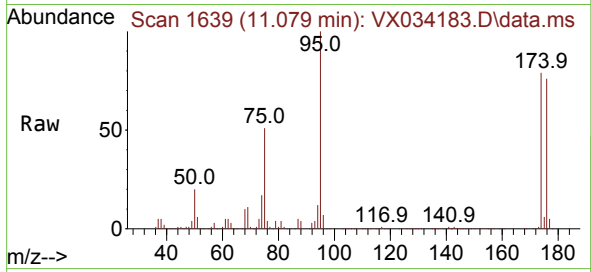
Tgt Ion: 75 Resp: 117934
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.702 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX034183.D
 Acq: 20 Feb 2023 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-17



Tgt Ion: 75 Resp: 117934
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.0 124.6#
 89 0.0 37.7 56.5#

