

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034833.D
 Acq On : 29 Mar 2023 17:08
 Operator : JC/MD
 Sample : 02109-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-03-26

Quant Time: Mar 30 06:32:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

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

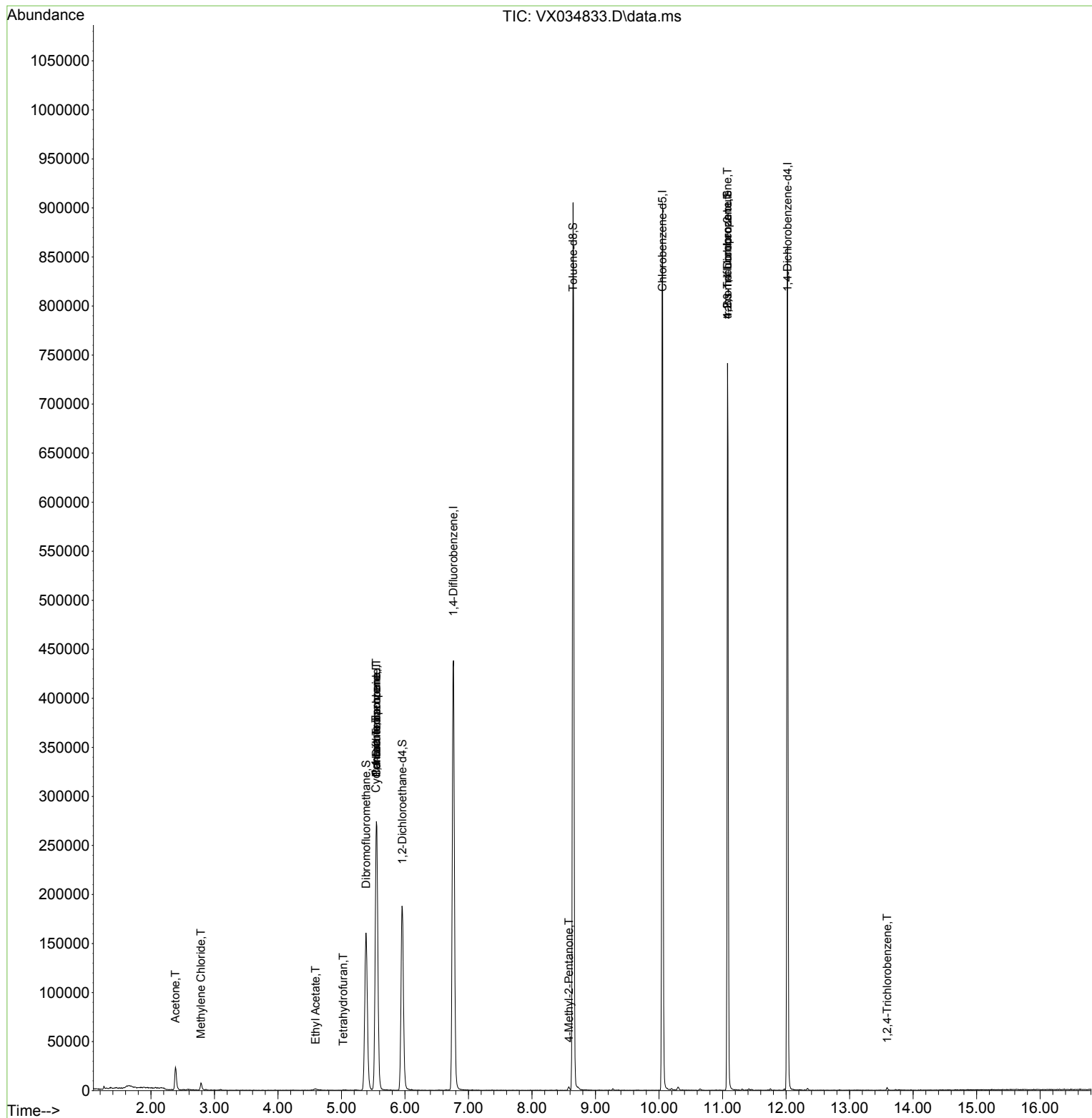
Internal Standards						
1) Pentafluorobenzene	5.550	168	254481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180906	46.482	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.960%
35) Dibromofluoromethane	5.385	113	136729	47.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	524994	48.979	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.960%
62) 4-Bromofluorobenzene	11.079	95	191569	46.185	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.380%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	28385	17.954	ug/l	97
20) Methylene Chloride	2.788	84	3085	0.989	ug/l	96
29) Tetrahydrofuran	5.026	42	296	0.205	ug/l #	51
31) Cyclohexane	5.544	56	6727	1.419	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	21808	5.069	ug/l #	50
37) Ethyl Acetate	4.593	43	2453	0.545	ug/l #	70
38) Carbon Tetrachloride	5.550	117	27386	6.752	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	2540	0.570	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	103566	26.433	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	103566	89.471	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	820	0.254	ug/l	93

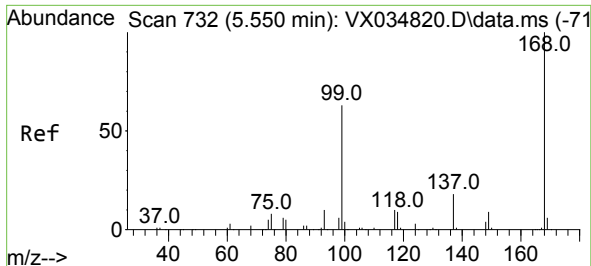
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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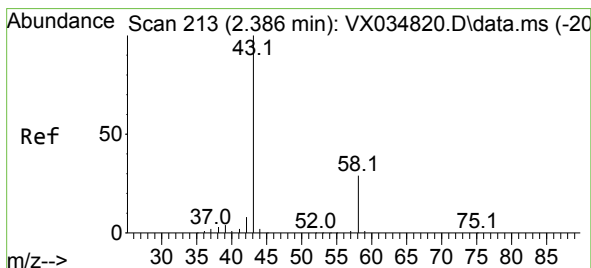
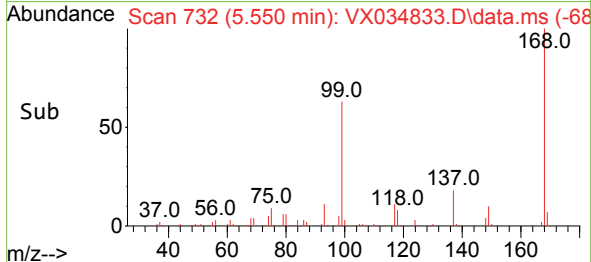
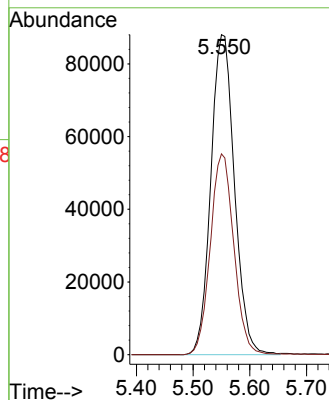
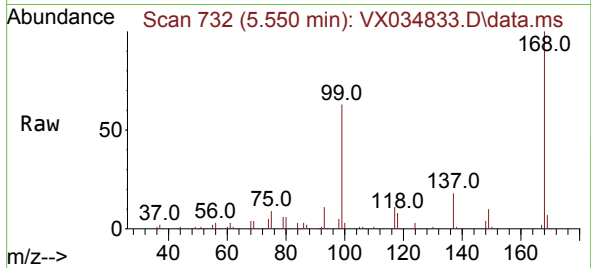




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

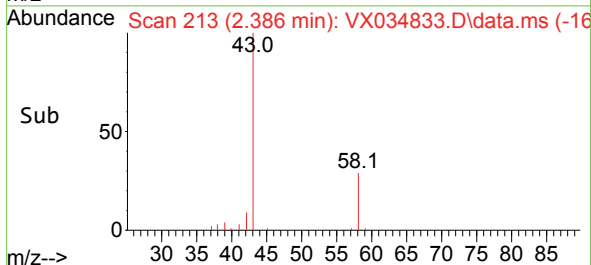
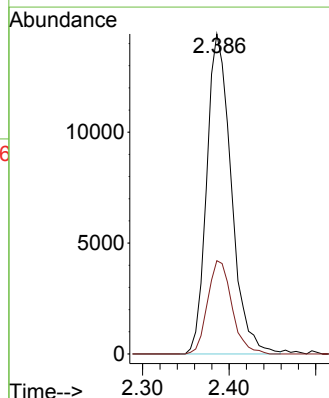
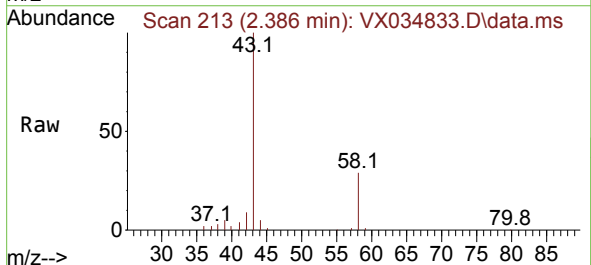
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

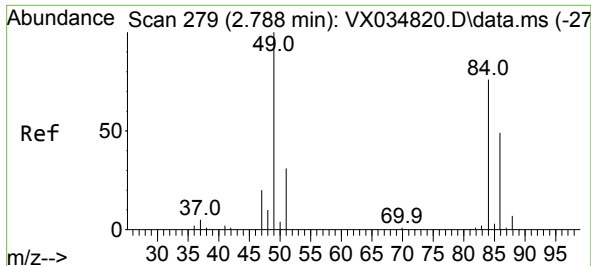
Tgt Ion:168 Resp: 254481
Ion Ratio Lower Upper
168 100
99 62.7 45.7 68.5



#16
Acetone
Concen: 17.954 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

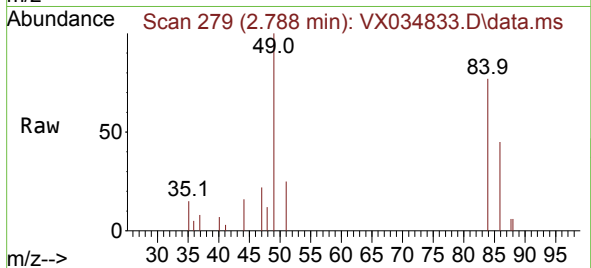
Tgt Ion: 43 Resp: 28385
Ion Ratio Lower Upper
43 100
58 29.1 24.7 37.1



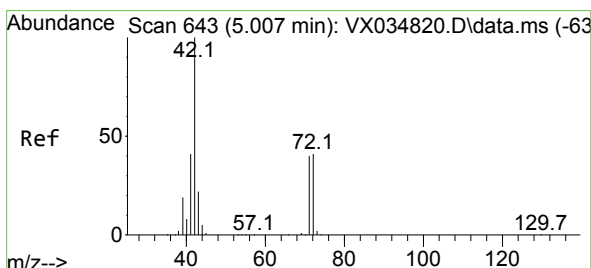
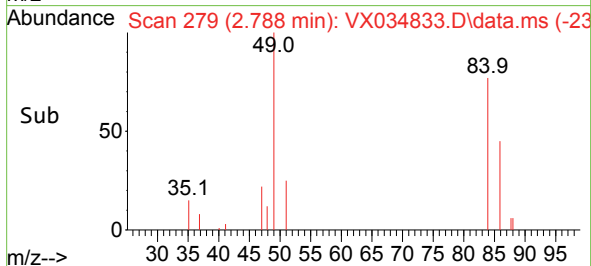
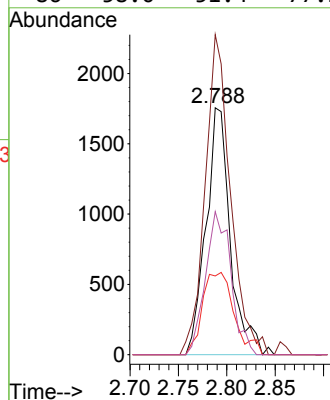


#20
Methylene Chloride
Concen: 0.989 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

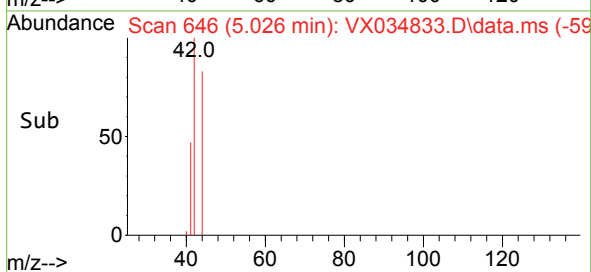
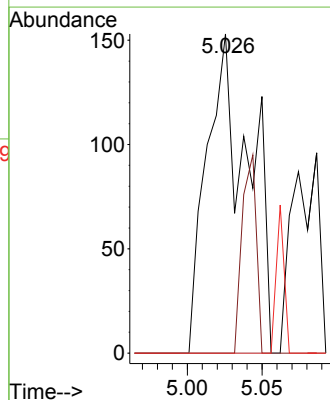
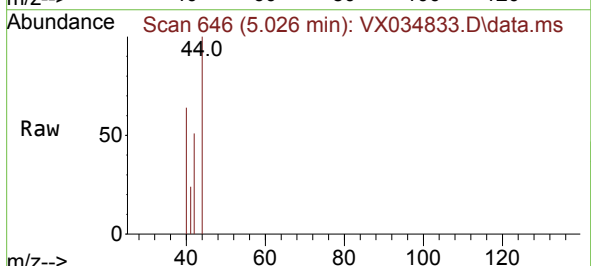


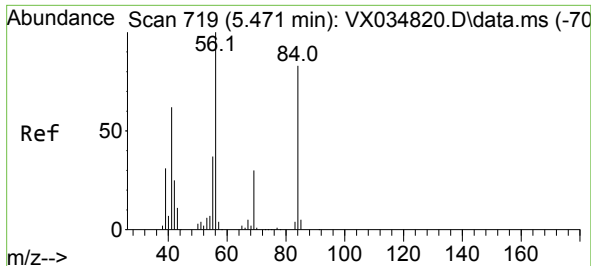
Tgt Ion:	84	Resp:	3085
Ion	Ratio	Lower	Upper
84	100		
49	129.6	103.8	155.8
51	31.9	31.8	47.8
86	58.0	51.4	77.2



#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

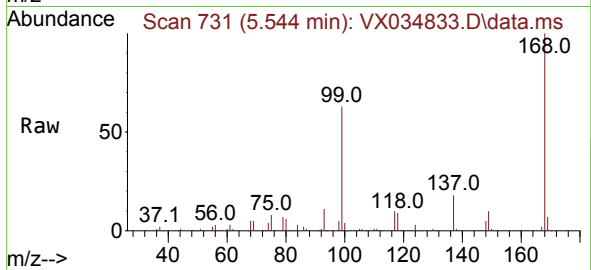
Tgt Ion:	42	Resp:	296
Ion	Ratio	Lower	Upper
42	100		
72	21.3	34.5	51.7#
71	0.0	32.1	48.1#



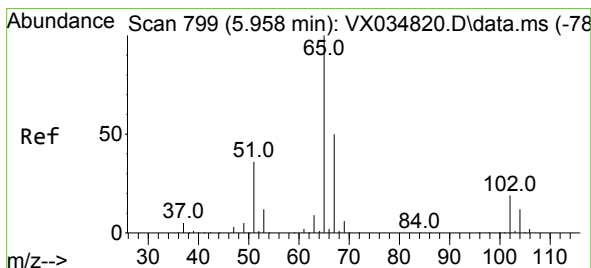
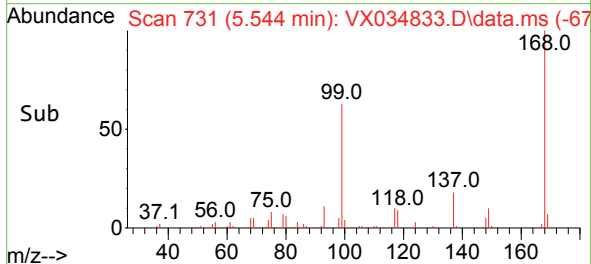
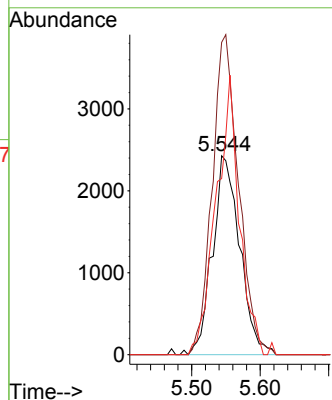


#31
Cyclohexane
Concen: 1.419 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

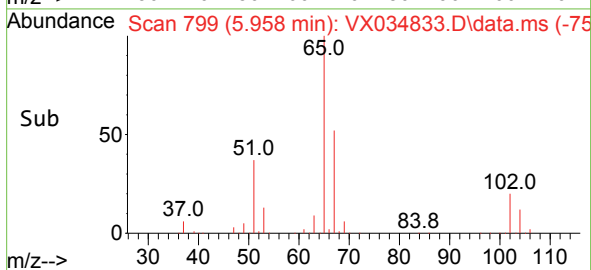
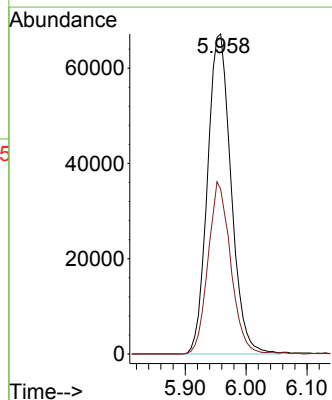
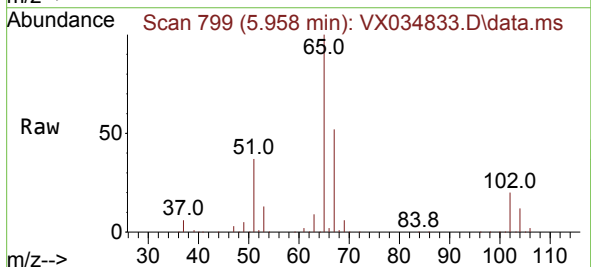


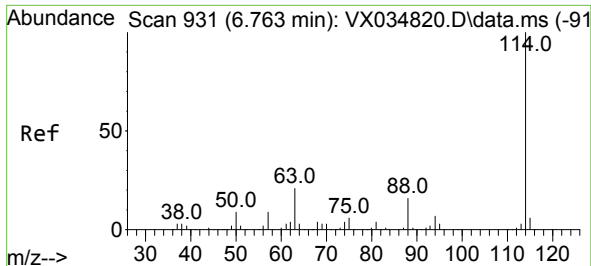
Tgt Ion: 56 Resp: 6727
Ion Ratio Lower Upper
56 100
69 157.0 23.7 35.5#
84 88.6 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 46.482 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

Tgt Ion: 65 Resp: 180906
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX034833.D

Acq: 29 Mar 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

EB-2023-03-26

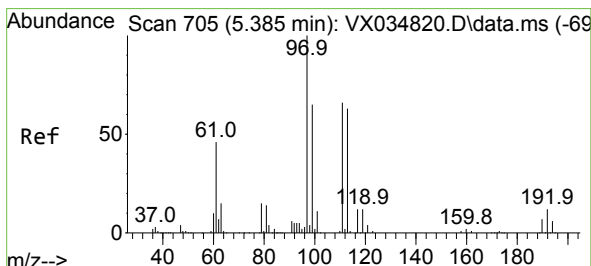
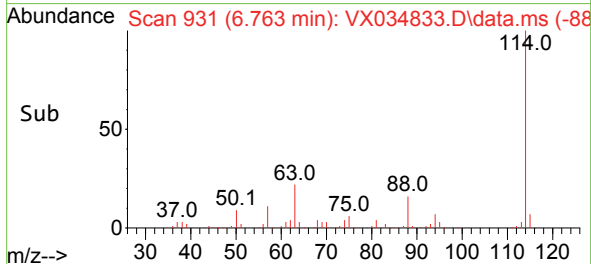
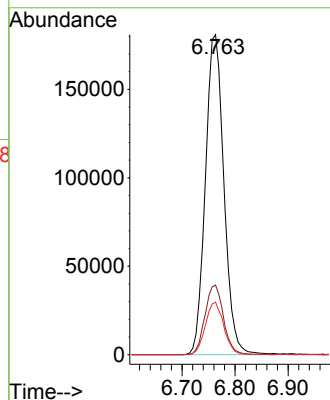
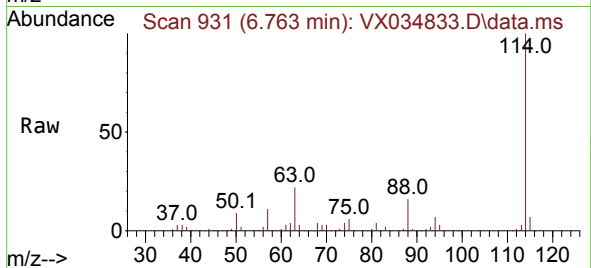
Tgt Ion:114 Resp: 439049

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.2

88 16.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.084 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034833.D

Acq: 29 Mar 2023 17:08

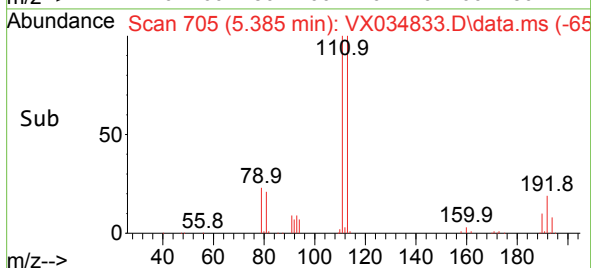
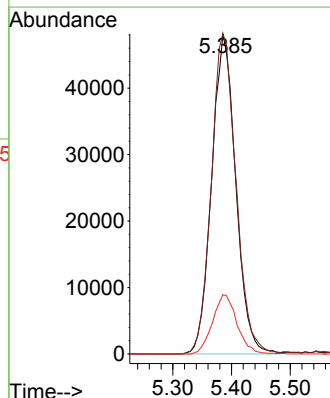
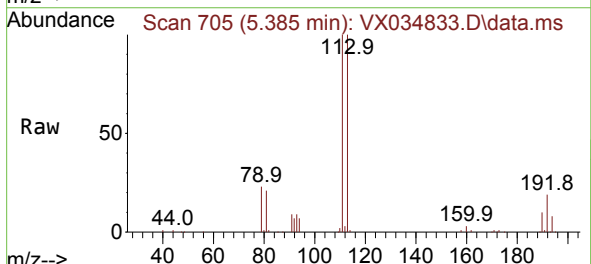
Tgt Ion:113 Resp: 136729

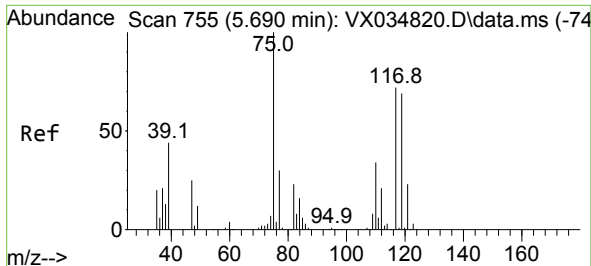
Ion Ratio Lower Upper

113 100

111 102.5 83.7 125.5

192 18.8 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.069 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX034833.D

Acq: 29 Mar 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

EB-2023-03-26

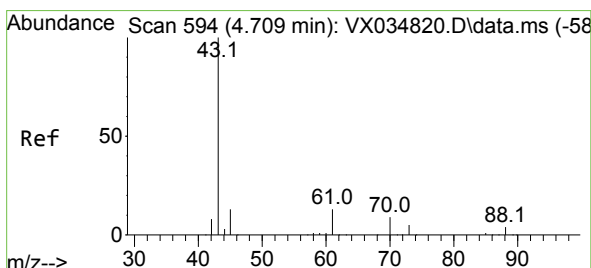
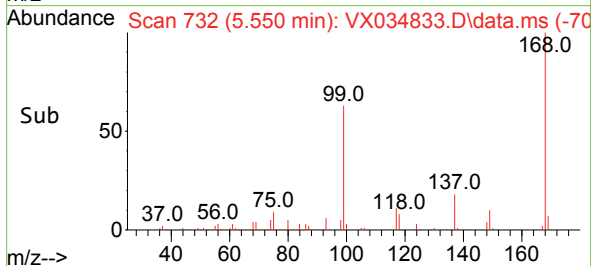
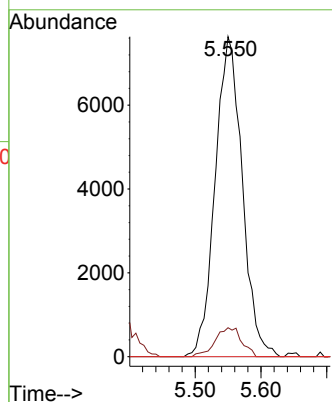
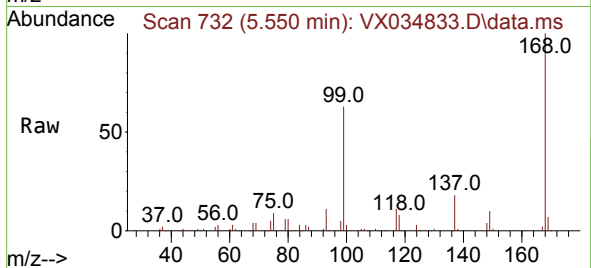
Tgt Ion: 75 Resp: 21808

Ion Ratio Lower Upper

75 100

110 8.9 17.5 52.5#

77 0.0 24.3 36.5#



#37

Ethyl Acetate

Concen: 0.545 ug/l

RT: 4.593 min Scan# 575

Delta R.T. -0.116 min

Lab File: VX034833.D

Acq: 29 Mar 2023 17:08

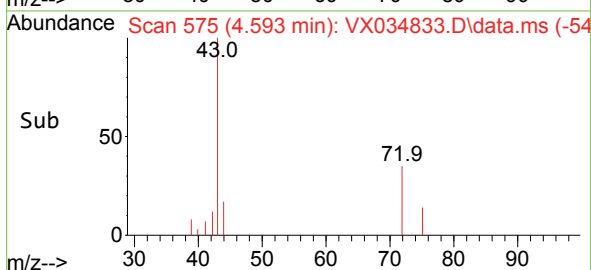
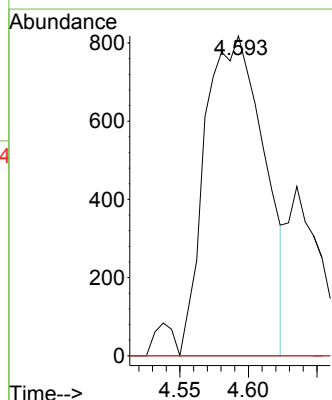
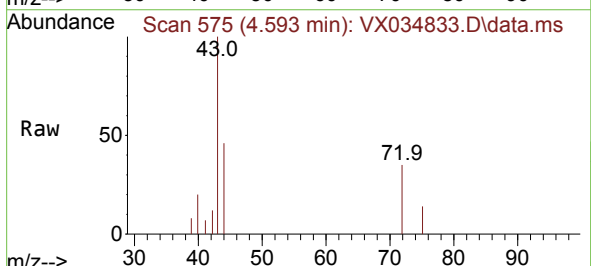
Tgt Ion: 43 Resp: 2453

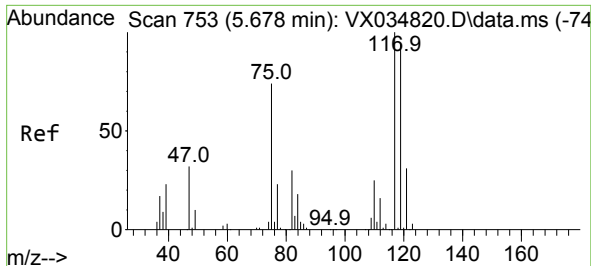
Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

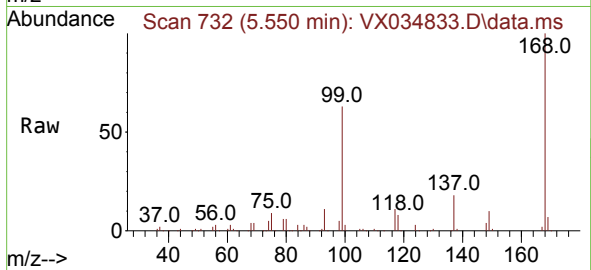
70 0.0 8.2 12.4#



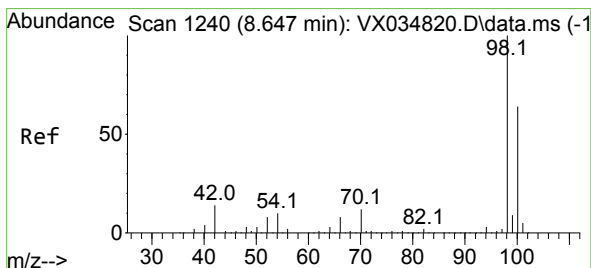
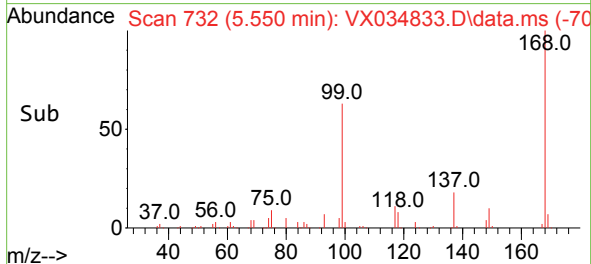
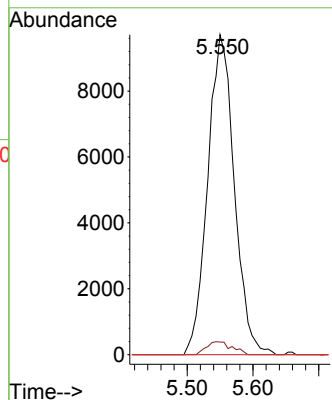


#38
Carbon Tetrachloride
Concen: 6.752 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

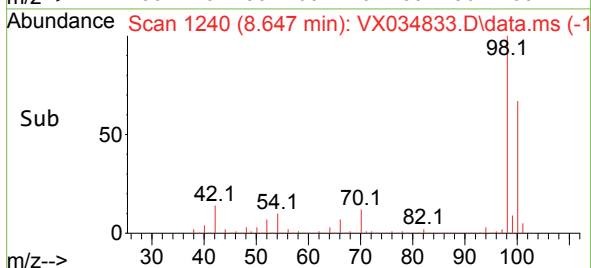
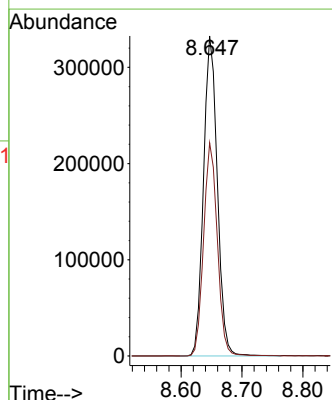
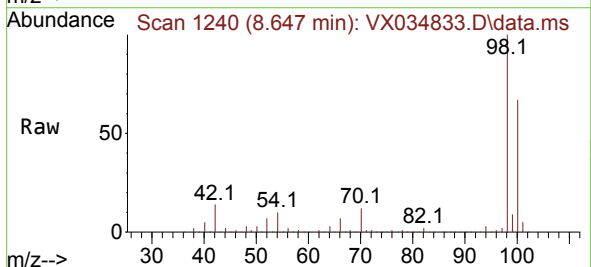


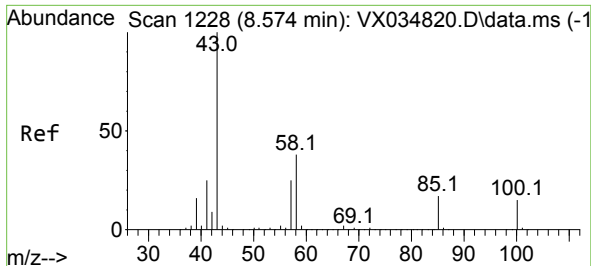
Tgt Ion:117 Resp: 27386
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.979 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

Tgt Ion: 98 Resp: 524994
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

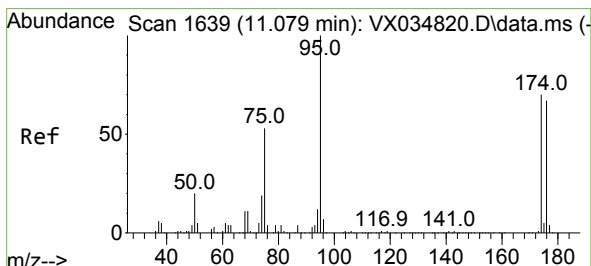
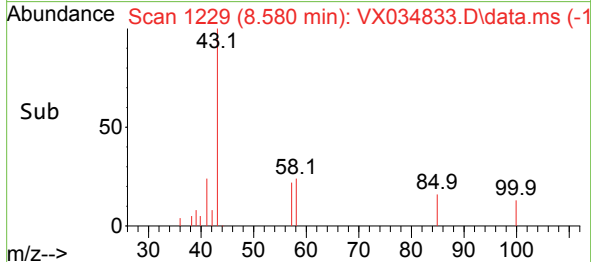
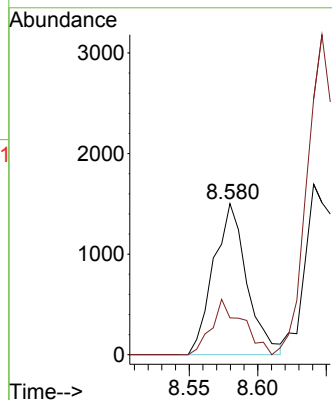
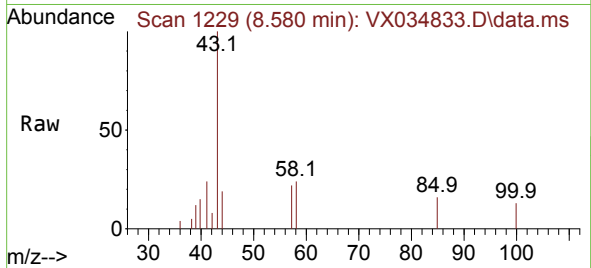




#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

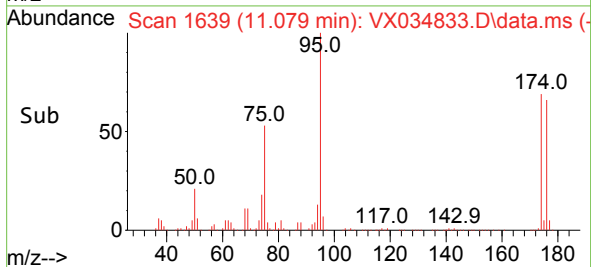
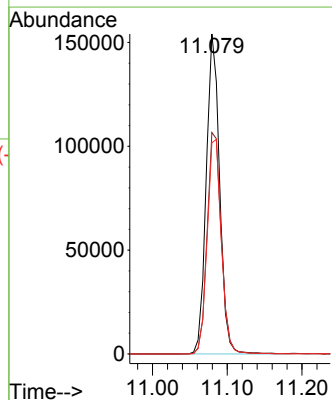
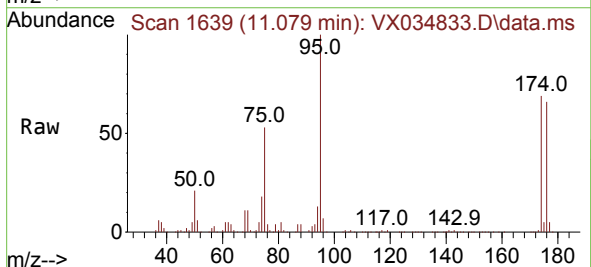
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

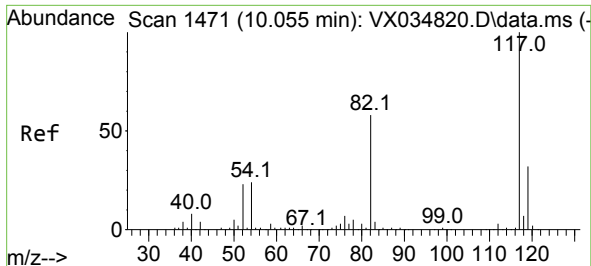
Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
58 34.4 30.6 46.0



#62
4-Bromofluorobenzene
Concen: 46.185 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

Tgt Ion: 95 Resp: 191569
Ion Ratio Lower Upper
95 100
174 73.3 0.0 147.4
176 70.9 0.0 140.6

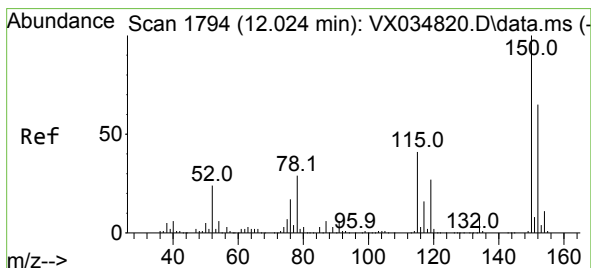
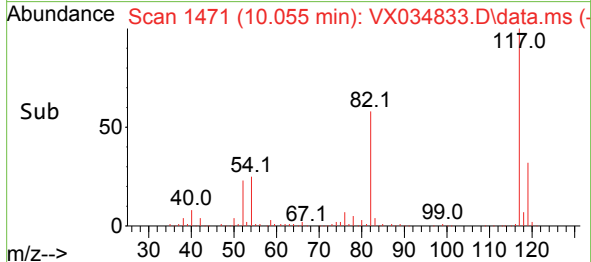
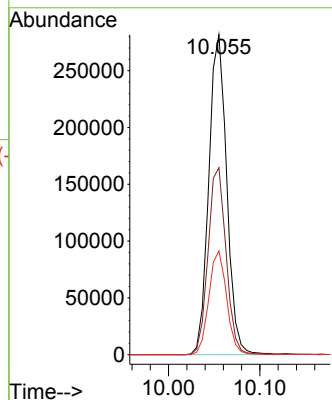
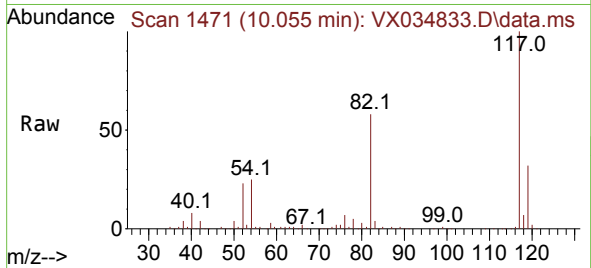




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

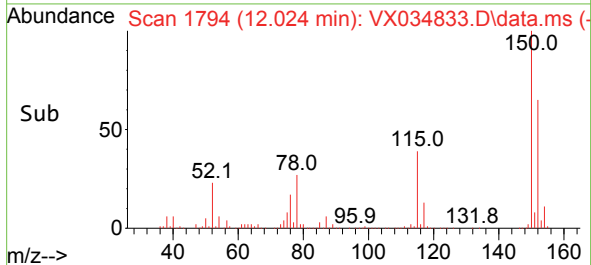
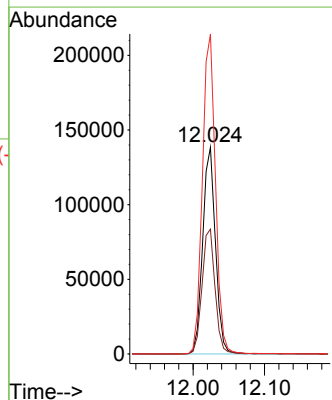
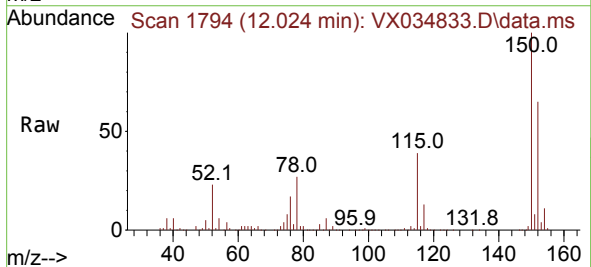
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

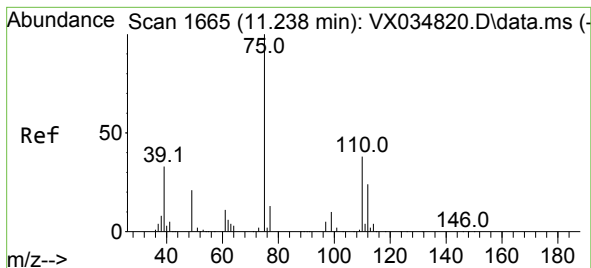
Tgt Ion:117 Resp: 384852
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034833.D
Acq: 29 Mar 2023 17:08

Tgt Ion:152 Resp: 172167
Ion Ratio Lower Upper
152 100
115 61.4 45.0 135.0
150 157.8 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 26.433 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034833.D

Acq: 29 Mar 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

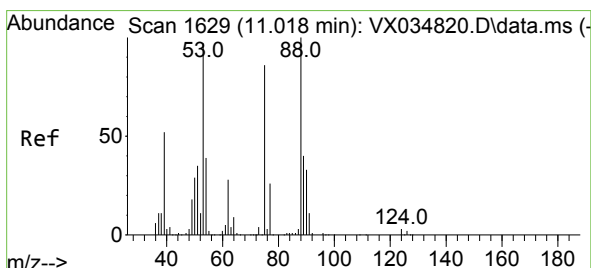
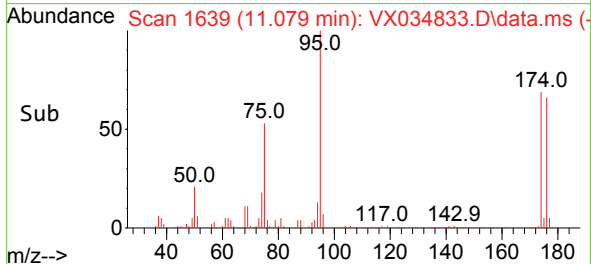
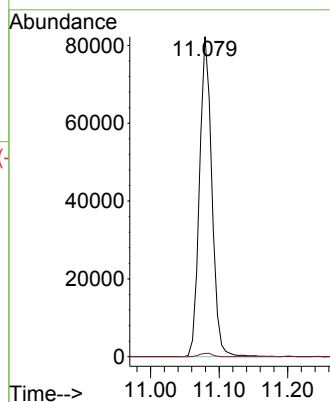
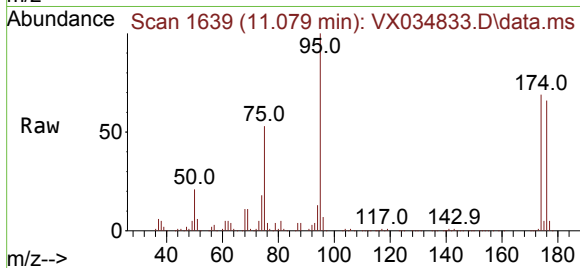
EB-2023-03-26

Tgt Ion: 75 Resp: 103566

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.471 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034833.D

Acq: 29 Mar 2023 17:08

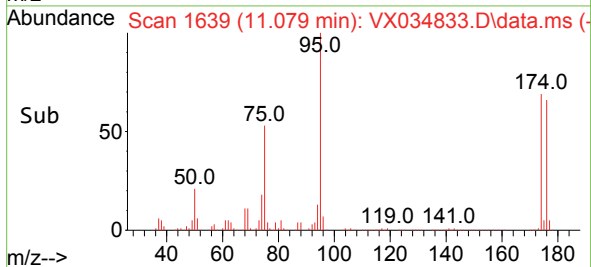
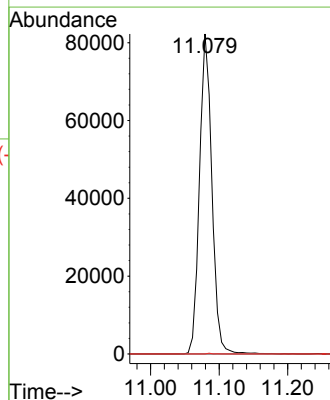
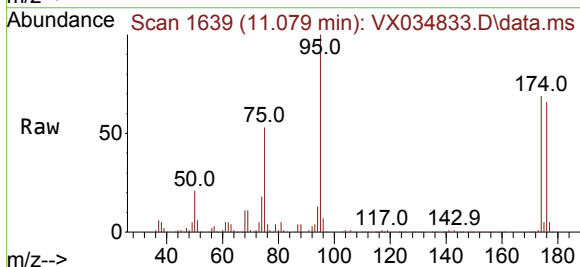
Tgt Ion: 75 Resp: 103566

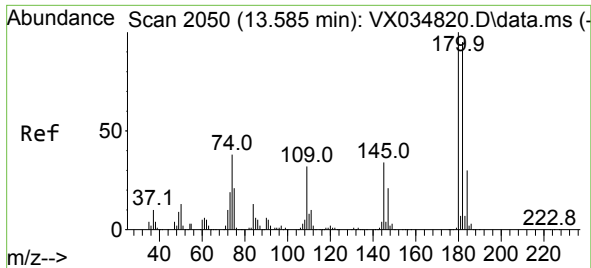
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

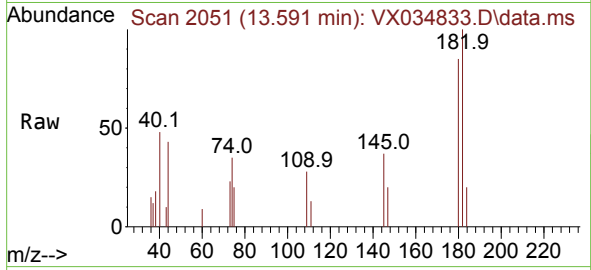
89 0.1 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.254 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX034833.D
 Acq: 29 Mar 2023 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-03-26



Tgt Ion:	180	Resp:	820
Ion Ratio	Lower	Upper	
180	100		
182	97.7	47.0	141.0
145	40.7	15.9	47.7

