

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034854.D
 Acq On : 30 Mar 2023 15:51
 Operator : JC/MD
 Sample : 02074-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-032323

Quant Time: Mar 31 01:33:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

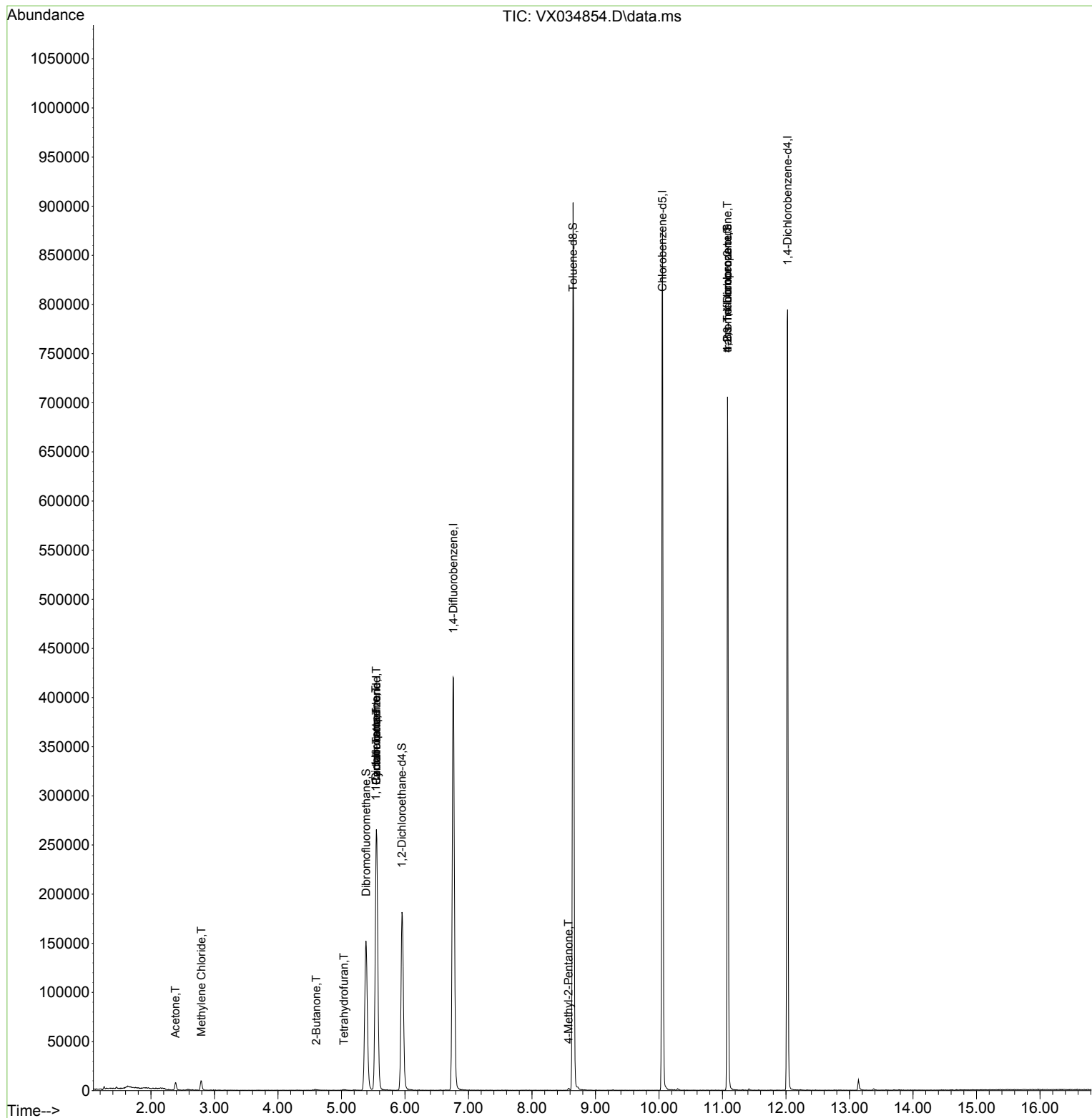
Internal Standards						
1) Pentafluorobenzene	5.550	168	245274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	418934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	370761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175126	46.686	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.380%		
35) Dibromofluoromethane	5.385	113	130599	47.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.260%		
50) Toluene-d8	8.647	98	506786	49.551	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.100%		
62) 4-Bromofluorobenzene	11.079	95	178976	45.221	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.440%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	9078	5.980	ug/l	90
20) Methylene Chloride	2.794	84	4638	1.527	ug/l	87
25) 2-Butanone	4.605	43	1643	0.746	ug/l #	87
29) Tetrahydrofuran	5.038	42	766	0.556	ug/l #	69
31) Cyclohexane	5.550	56	6087	1.333	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	21195	5.180	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25208	6.486	ug/l #	17
51) 4-Methyl-2-Pentanone	8.574	43	1520	0.360	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	100123	30.483	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	100123	81.380	ug/l #	8

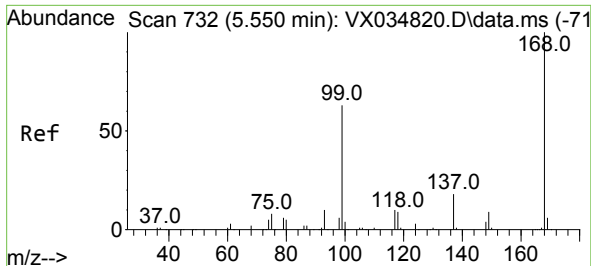
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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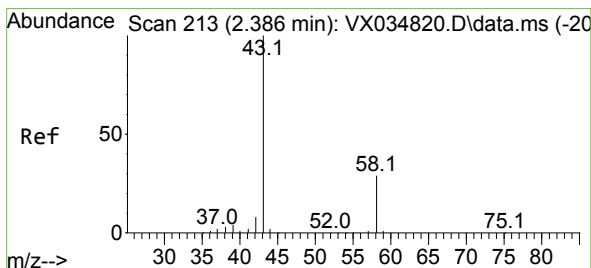
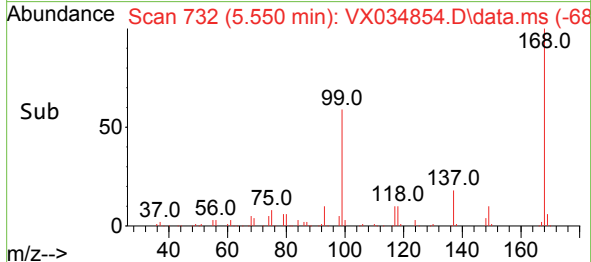
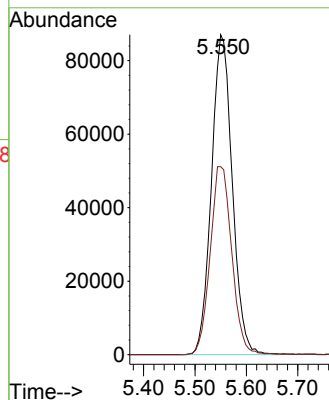
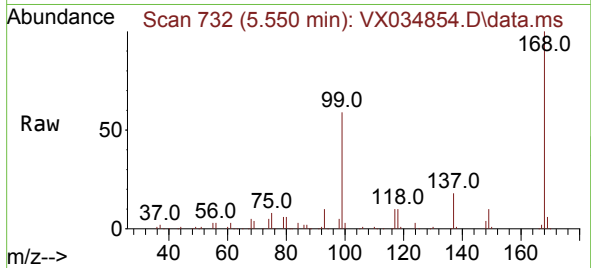




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

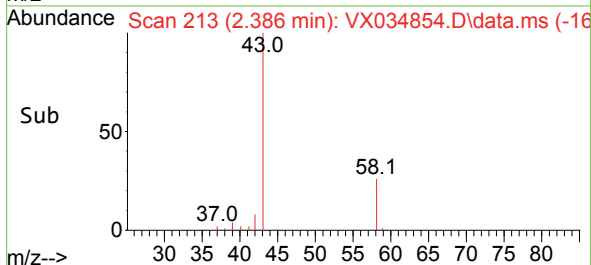
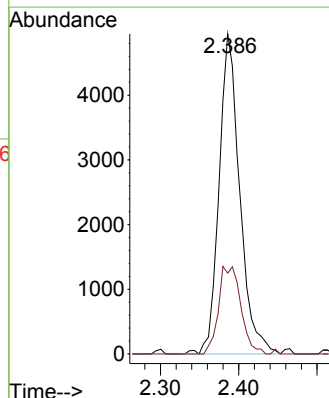
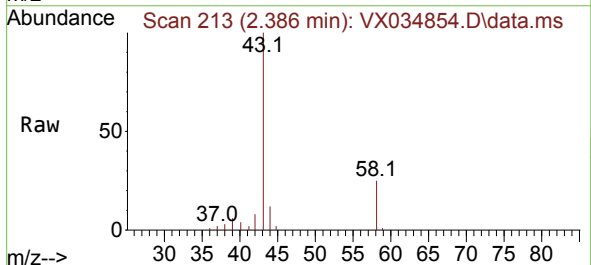
Instrument :
MSVOA_X
ClientSampleId :
EB-01-032323

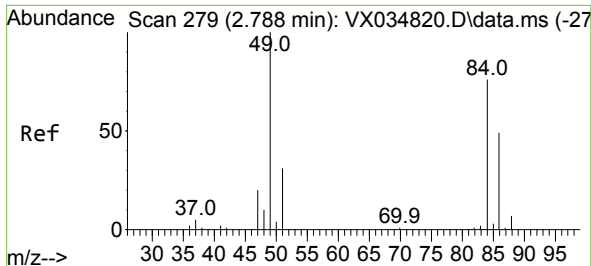
Tgt Ion:168 Resp: 245274
Ion Ratio Lower Upper
168 100
99 58.7 45.7 68.5



#16
Acetone
Concen: 5.980 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

Tgt Ion: 43 Resp: 9078
Ion Ratio Lower Upper
43 100
58 25.3 24.7 37.1

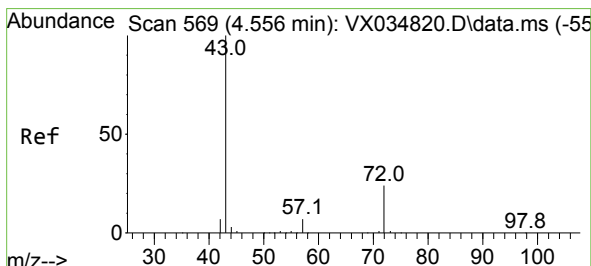
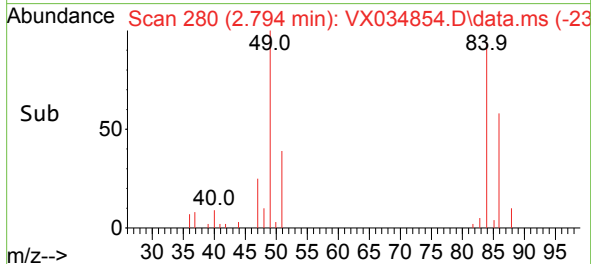
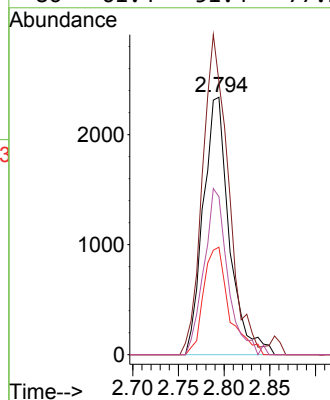
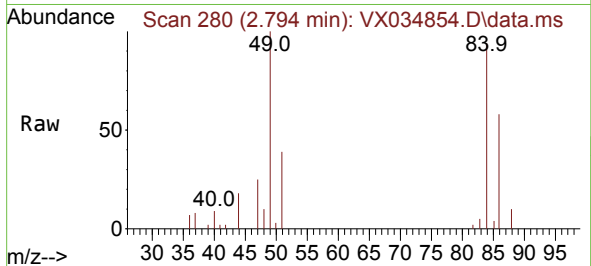




#20
Methylene Chloride
Concen: 1.527 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

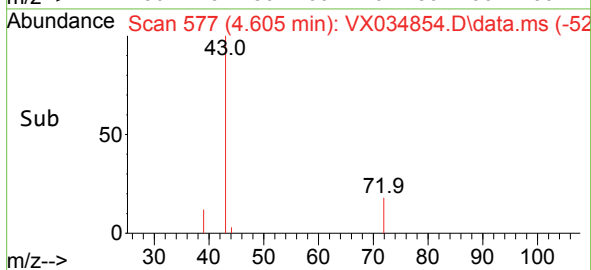
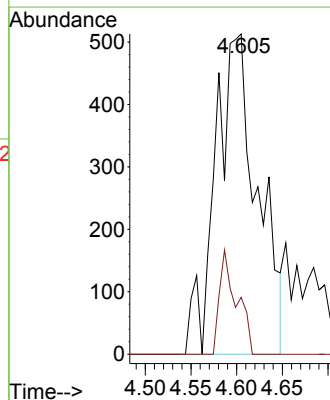
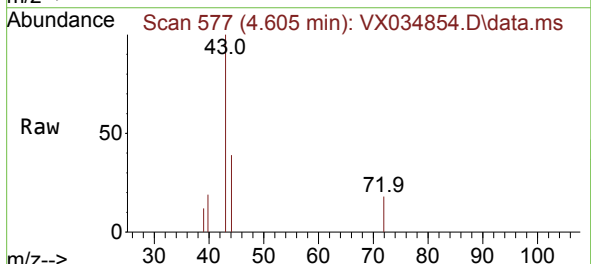
Instrument :
MSVOA_X
ClientSampleId :
EB-01-032323

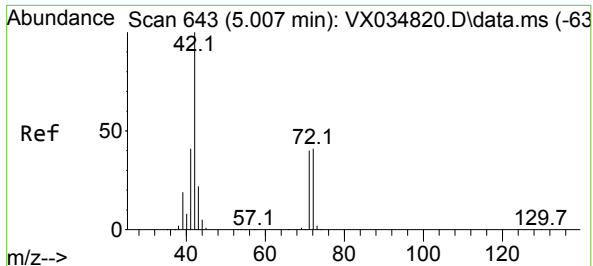
Tgt Ion:	84	Resp:	4638
Ion	Ratio	Lower	Upper
84	100		
49	106.0	103.8	155.8
51	41.8	31.8	47.8
86	61.4	51.4	77.2



#25
2-Butanone
Concen: 0.746 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.049 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

Tgt Ion:	43	Resp:	1643
Ion	Ratio	Lower	Upper
43	100		
72	17.7	19.3	28.9#





#29

Tetrahydrofuran

Concen: 0.556 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX034854.D

Acq: 30 Mar 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

EB-01-032323

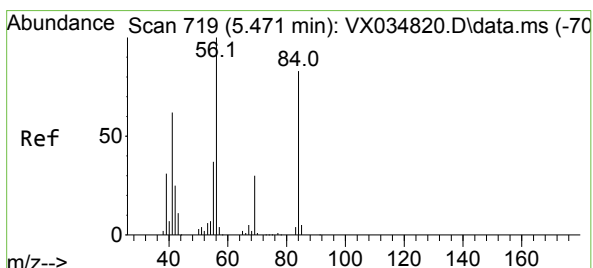
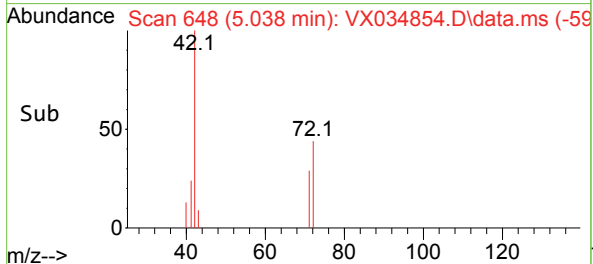
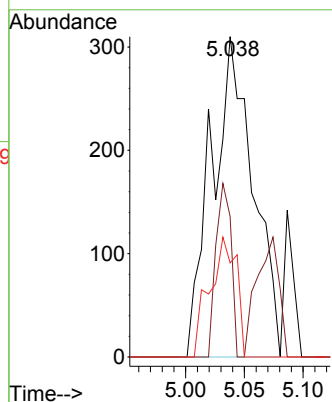
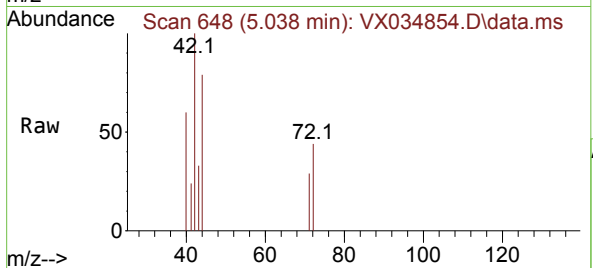
Tgt Ion: 42 Resp: 766

Ion Ratio Lower Upper

42 100

72 19.7 34.5 51.7#

71 24.0 32.1 48.1#



#31

Cyclohexane

Concen: 1.333 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034854.D

Acq: 30 Mar 2023 15:51

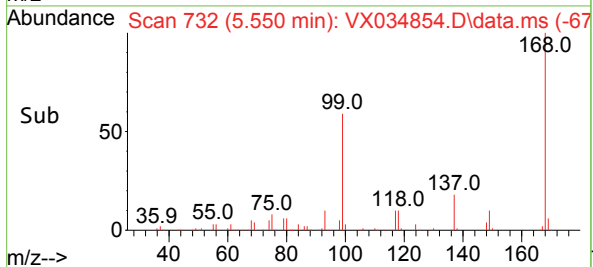
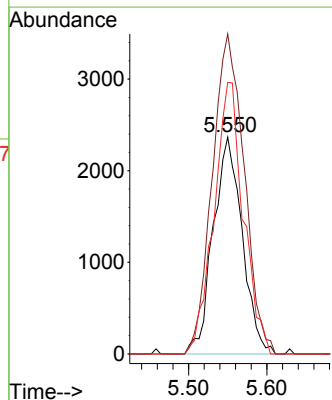
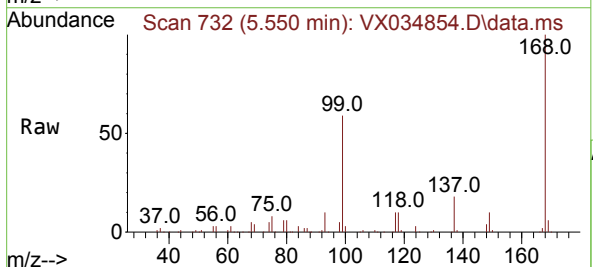
Tgt Ion: 56 Resp: 6087

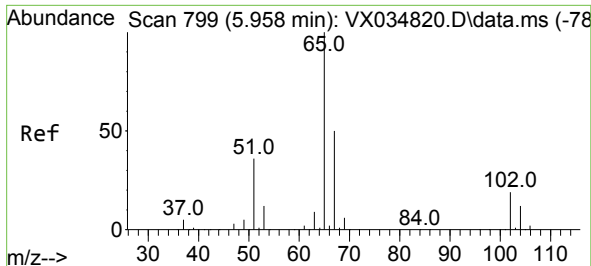
Ion Ratio Lower Upper

56 100

69 147.6 23.7 35.5#

84 125.2 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 46.686 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034854.D

Acq: 30 Mar 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

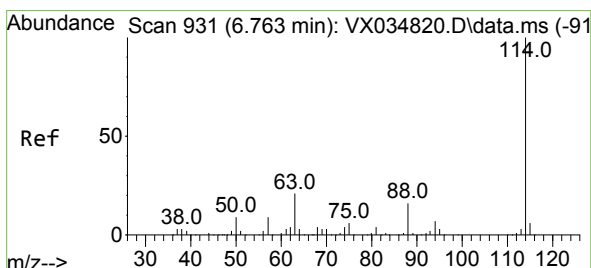
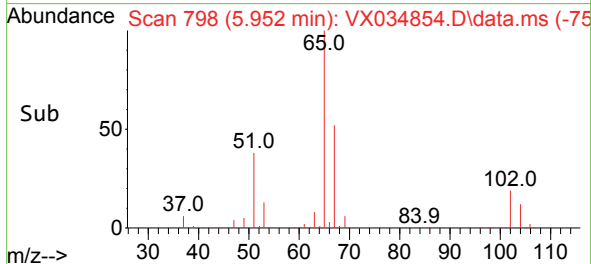
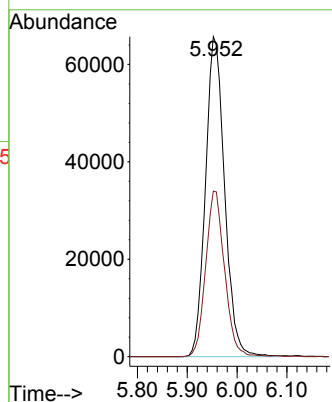
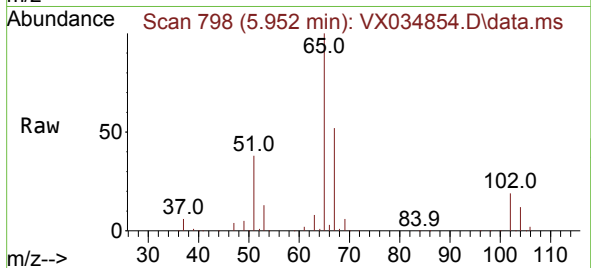
EB-01-032323

Tgt Ion: 65 Resp: 175126

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX034854.D

Acq: 30 Mar 2023 15:51

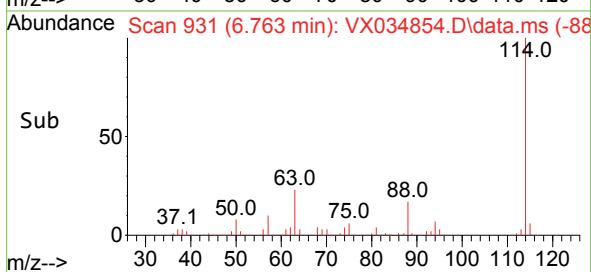
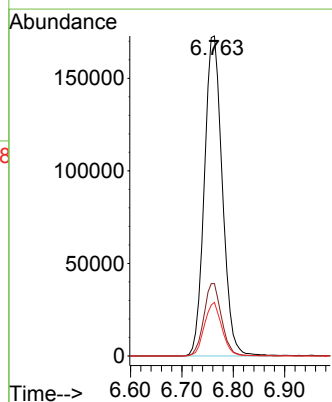
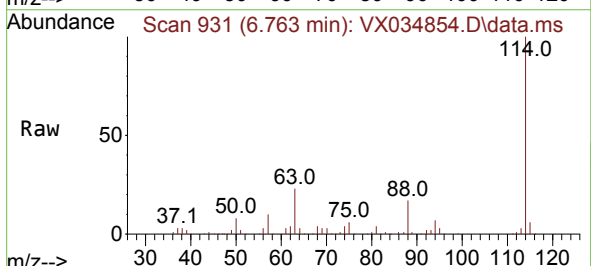
Tgt Ion: 114 Resp: 418934

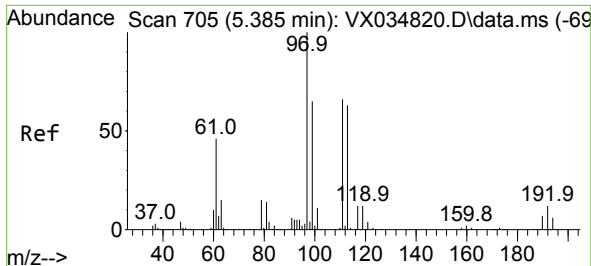
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.2

88 16.7 0.0 33.2

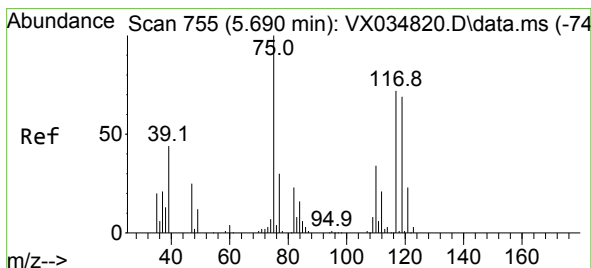
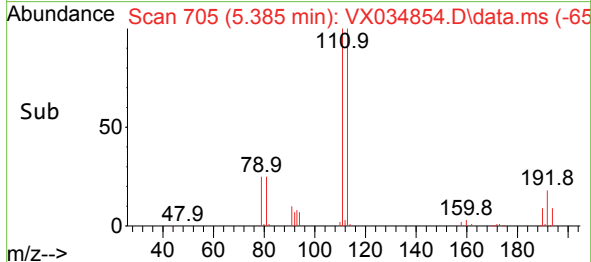
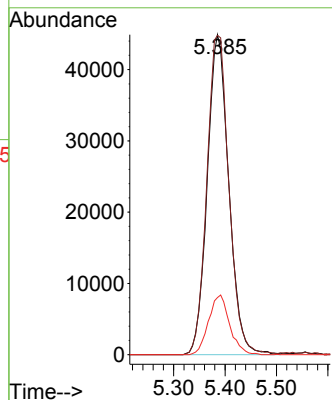
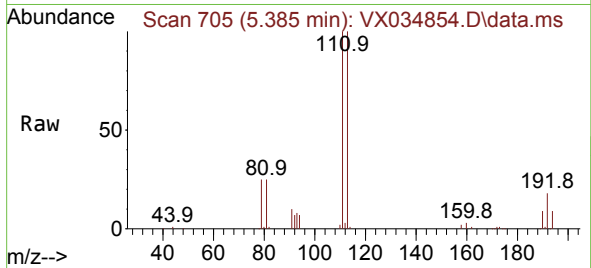




#35
Dibromofluoromethane
Concen: 47.132 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

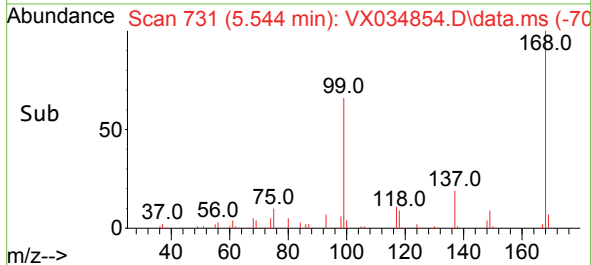
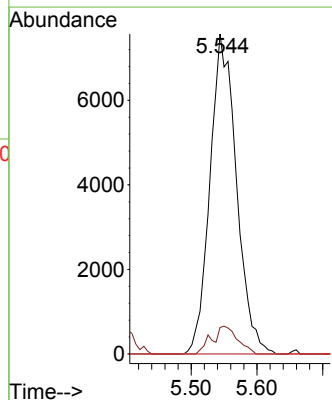
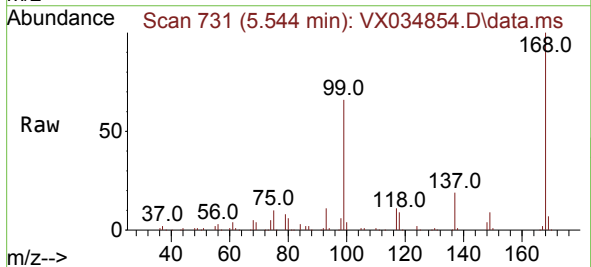
Instrument :
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EB-01-032323

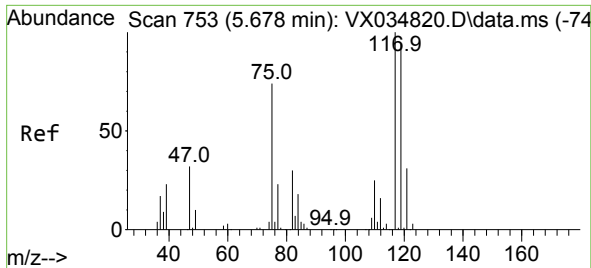
Tgt Ion:113 Resp: 130599
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 18.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.180 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

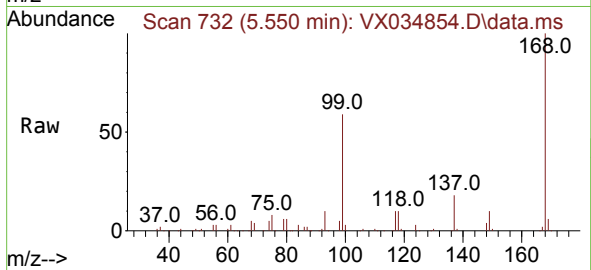
Tgt Ion: 75 Resp: 21195
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.0 24.3 36.5#



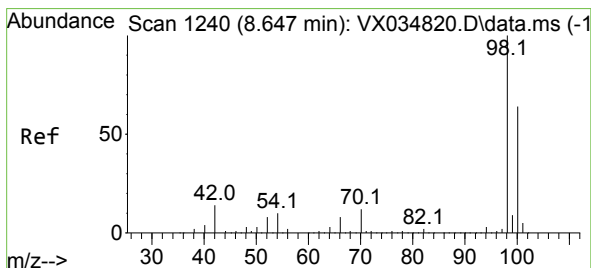
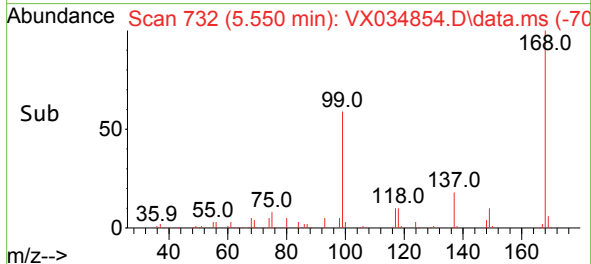
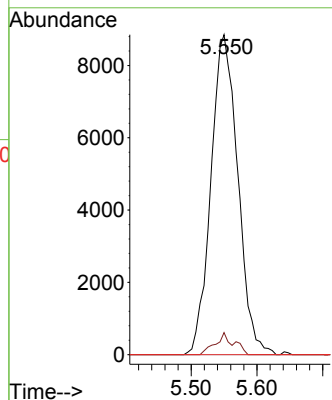


#38
Carbon Tetrachloride
Concen: 6.486 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
EB-01-032323

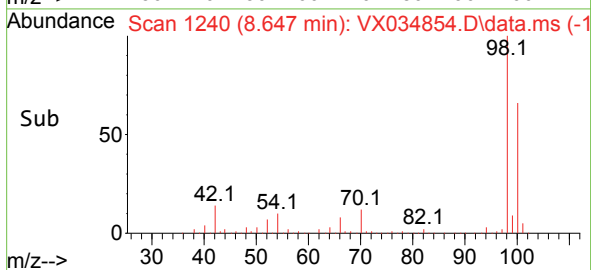
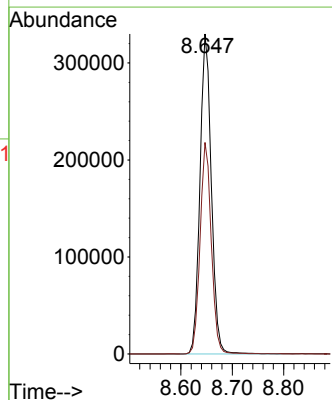
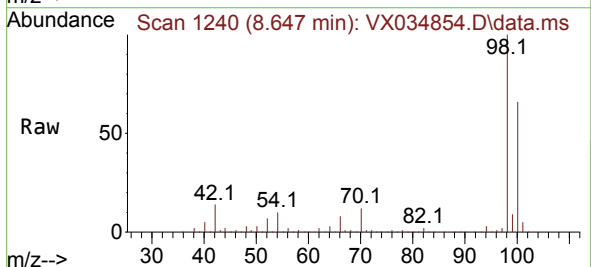


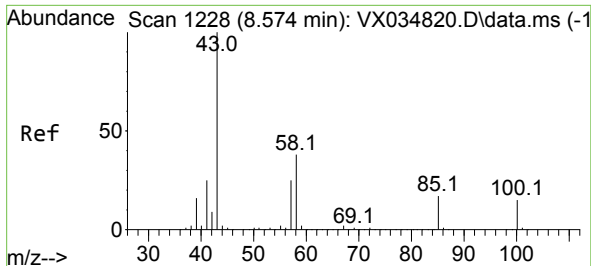
Tgt Ion:117 Resp: 25208
Ion Ratio Lower Upper
117 100
119 6.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.551 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

Tgt Ion: 98 Resp: 506786
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.360 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034854.D

Acq: 30 Mar 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

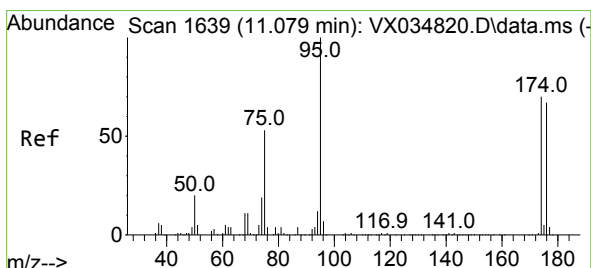
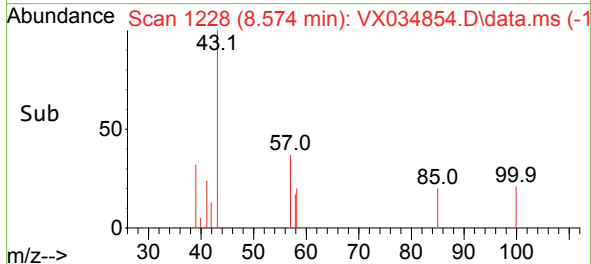
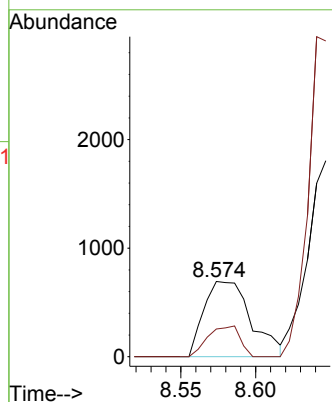
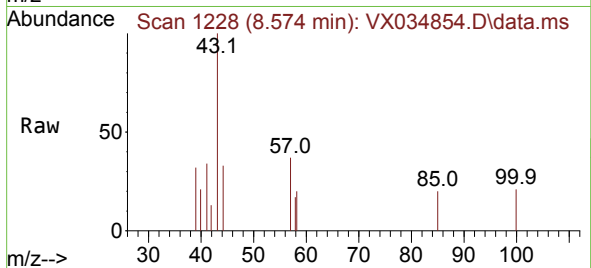
EB-01-032323

Tgt Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

58 27.7 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 45.221 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034854.D

Acq: 30 Mar 2023 15:51

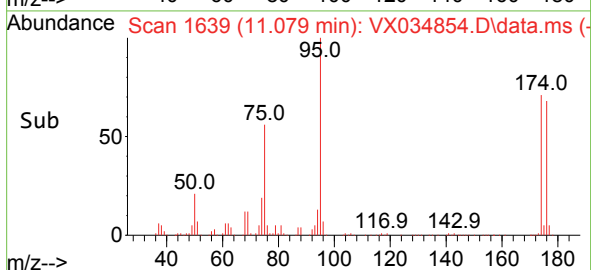
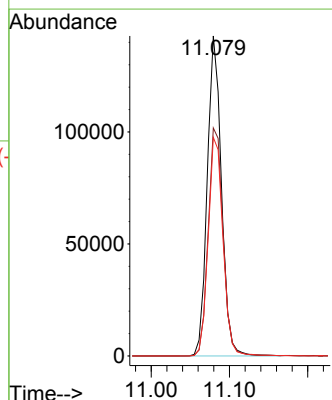
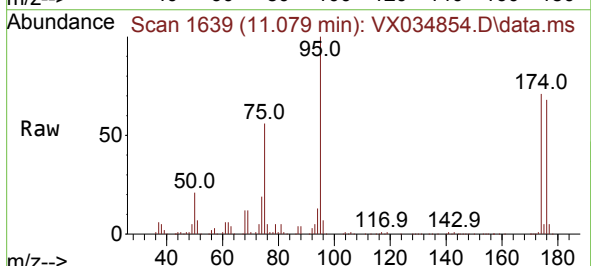
Tgt Ion: 95 Resp: 178976

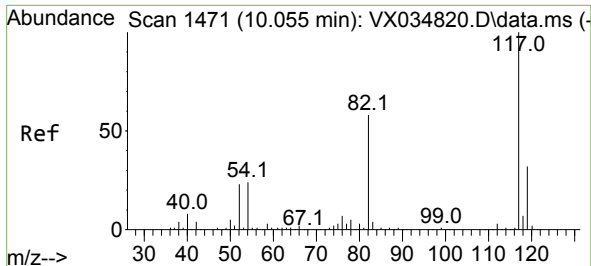
Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.4

176 71.5 0.0 140.6

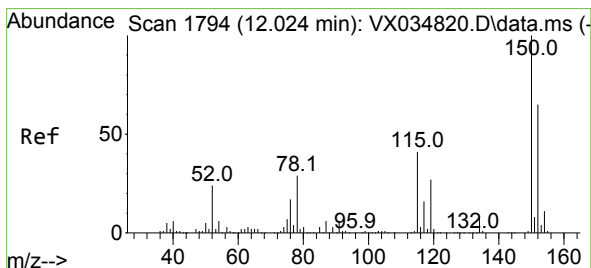
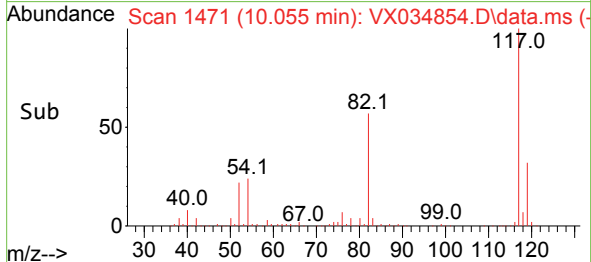
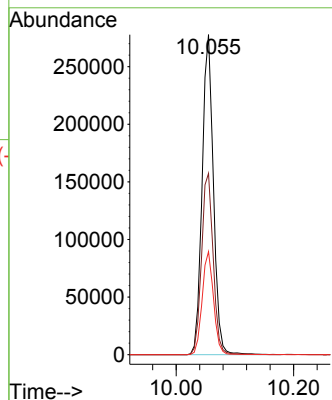
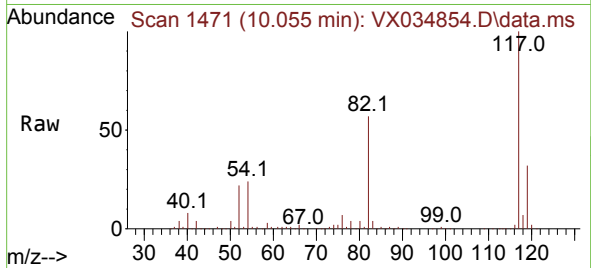




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

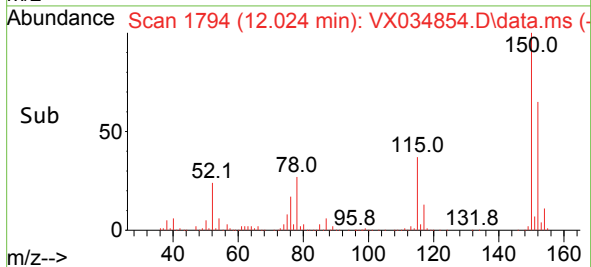
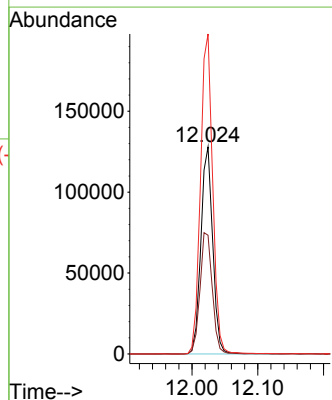
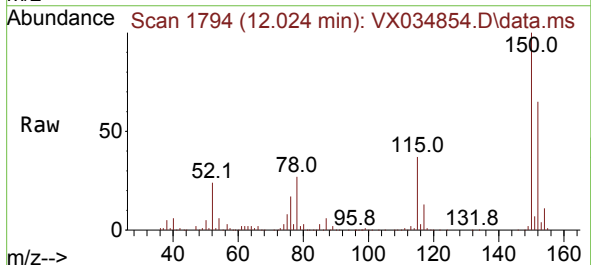
Instrument :
MSVOA_X
ClientSampleId :
EB-01-032323

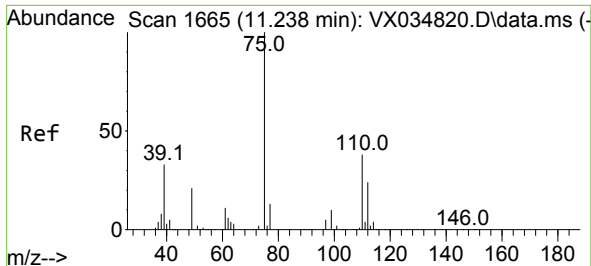
Tgt Ion:117 Resp: 370761
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

Tgt Ion:152 Resp: 160402
Ion Ratio Lower Upper
152 100
115 60.7 45.0 135.0
150 158.8 0.0 352.4

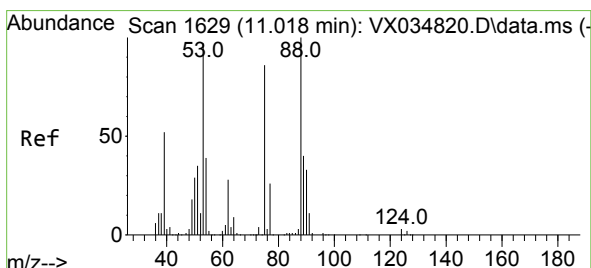
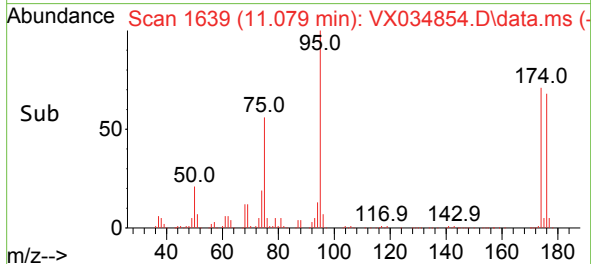
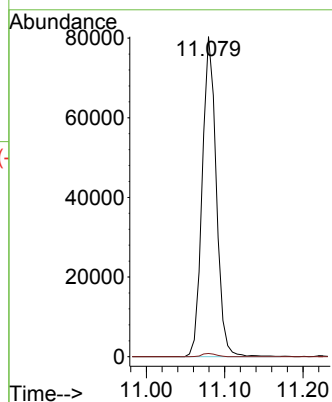
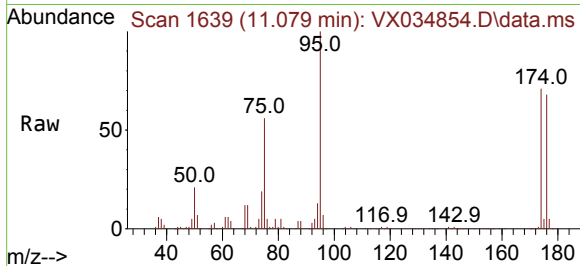




#76
1,2,3-Trichloropropane
Concen: 30.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
EB-01-032323

Tgt Ion: 75 Resp: 100123
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.380 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034854.D
Acq: 30 Mar 2023 15:51

Tgt Ion: 75 Resp: 100123
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

