

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037249.D
 Acq On : 25 Aug 2023 05:35
 Operator : JC/MD
 Sample : 04095-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20230818

Quant Time: Aug 25 07:46:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

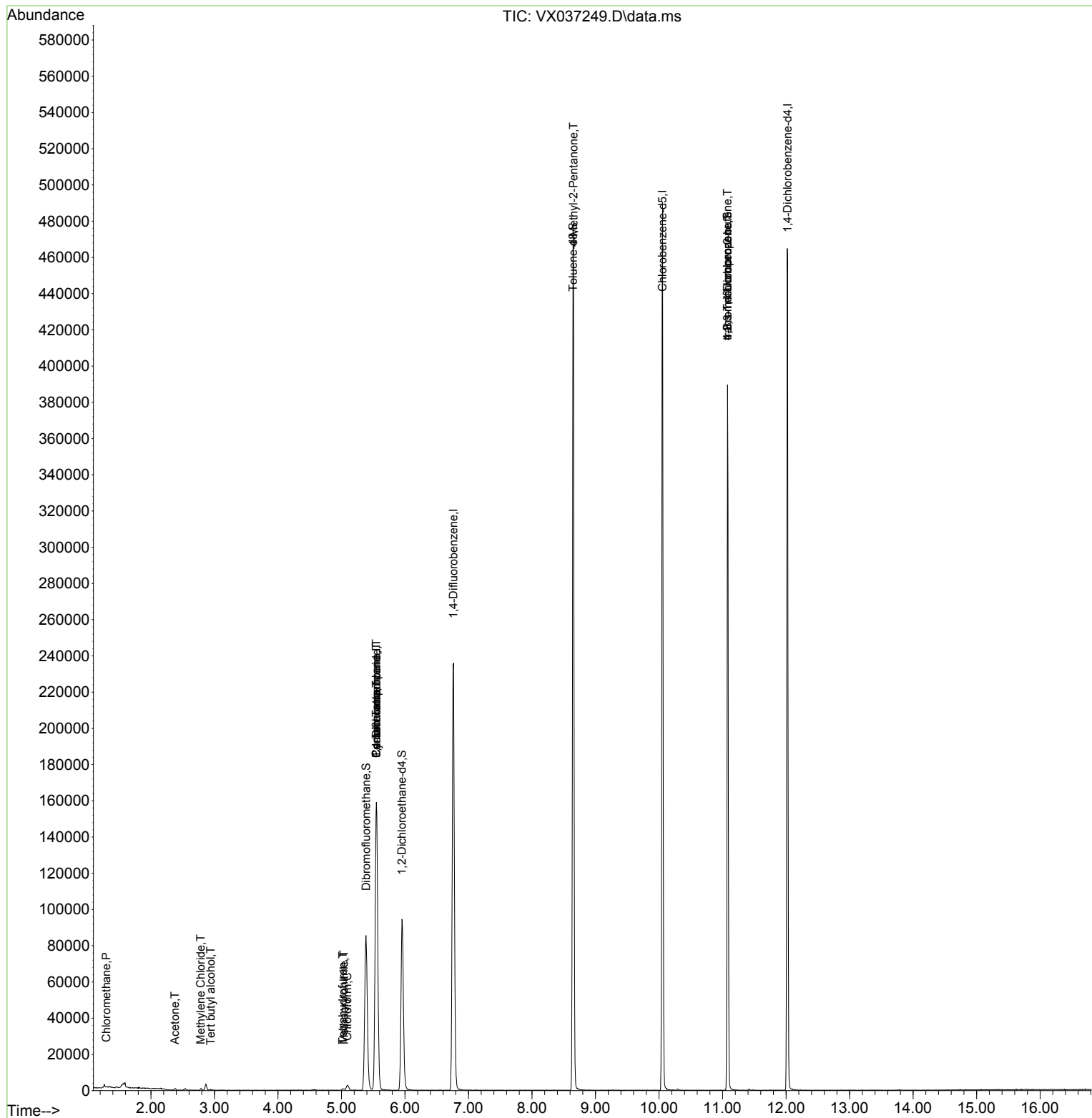
Internal Standards						
1) Pentafluorobenzene	5.550	168	148555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94562	44.153	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	88.300%	
35) Dibromofluoromethane	5.385	113	75679	46.329	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.660%	
50) Toluene-d8	8.647	98	289982	48.939	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.880%	
62) 4-Bromofluorobenzene	11.079	95	106383	45.686	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	417	0.276	ug/l #	77
11) Tert butyl alcohol	2.940	59	336	0.669	ug/l #	78
16) Acetone	2.380	43	980	1.170	ug/l	91
20) Methylene Chloride	2.782	84	486	0.259	ug/l #	77
29) Tetrahydrofuran	5.019	42	887	1.103	ug/l	92
30) Chloroform	5.092	83	3656	1.069	ug/l	98
31) Cyclohexane	5.550	56	2949	1.225	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11726	5.053	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16268	6.453	ug/l #	15
41) Methacrylonitrile	5.038	41	435	0.353	ug/l #	30
51) 4-Methyl-2-Pentanone	8.653	43	1070	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54205	25.668	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54205	71.693	ug/l #	5

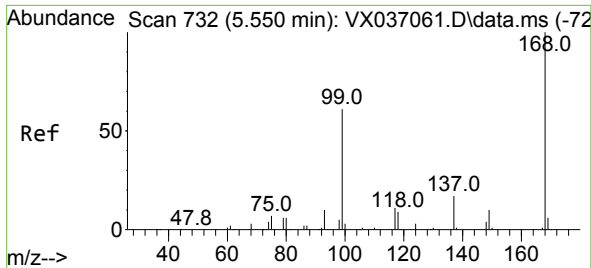
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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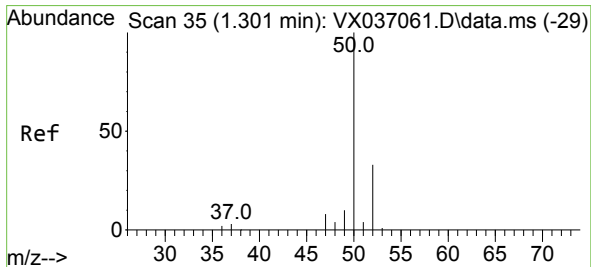
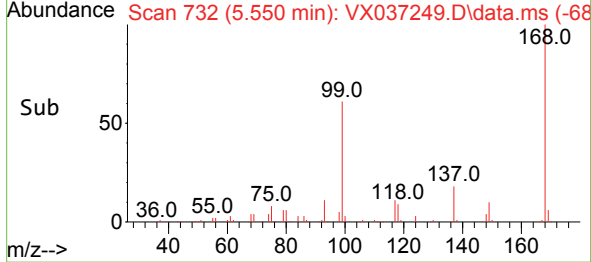
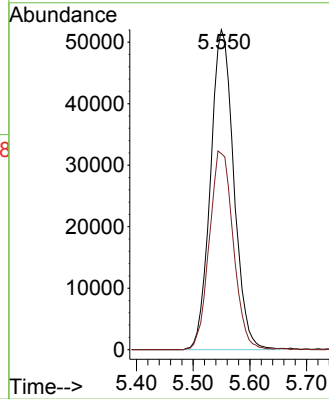
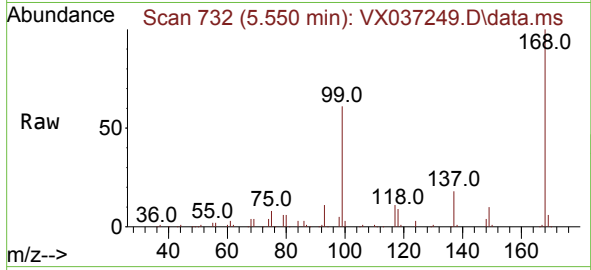




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037249.D
Acq: 25 Aug 2023 05:35

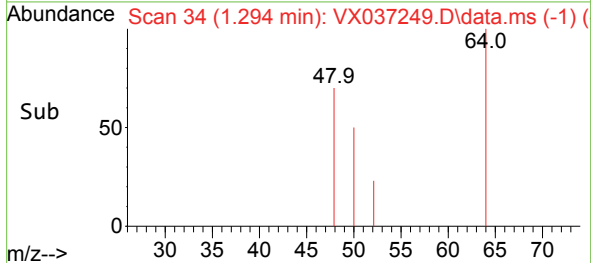
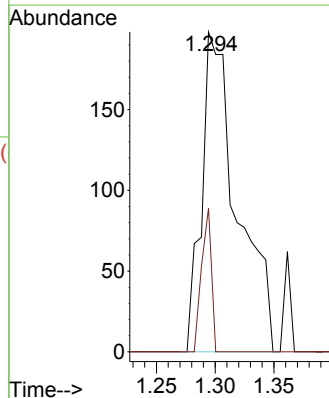
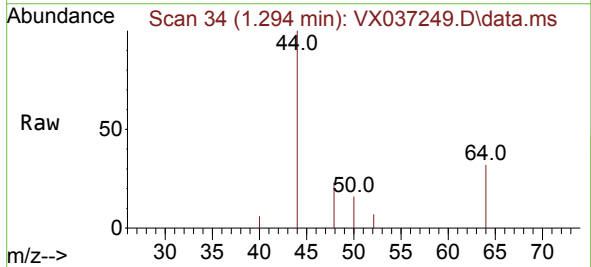
Instrument :
MSVOA_X
ClientSampleId :
EB01-20230818

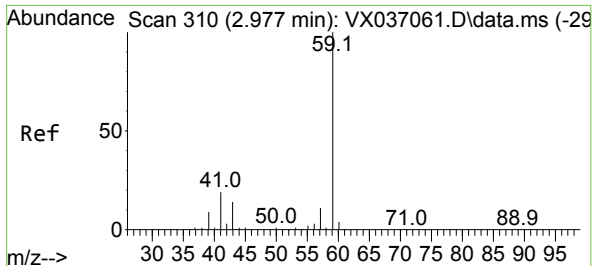
Tgt Ion:168 Resp: 148555
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037249.D
Acq: 25 Aug 2023 05:35

Tgt Ion: 50 Resp: 417
Ion Ratio Lower Upper
50 100
52 44.9 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.669 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX037249.D

Acq: 25 Aug 2023 05:35

Instrument :

MSVOA_X

ClientSampleId :

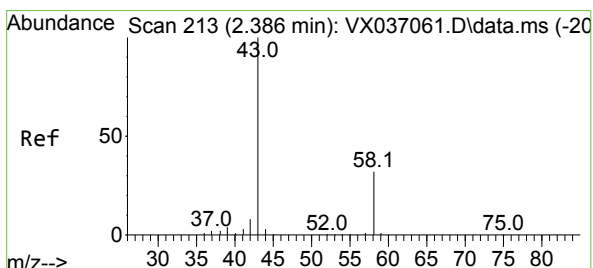
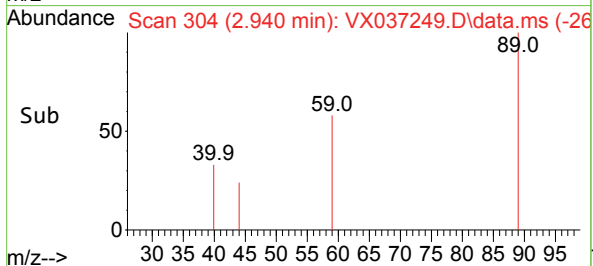
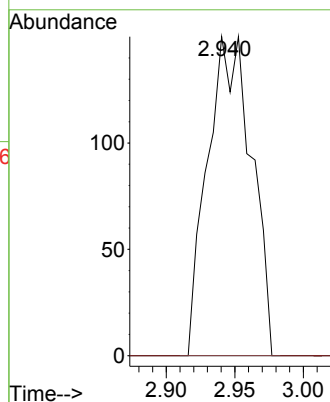
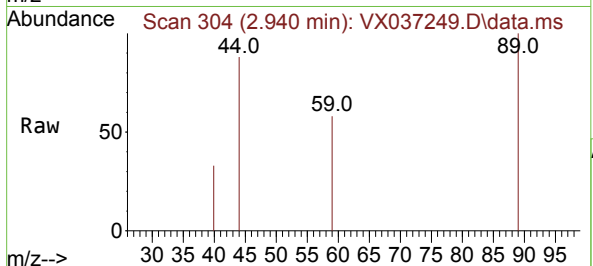
EB01-20230818

Tgt Ion: 59 Resp: 336

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.170 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037249.D

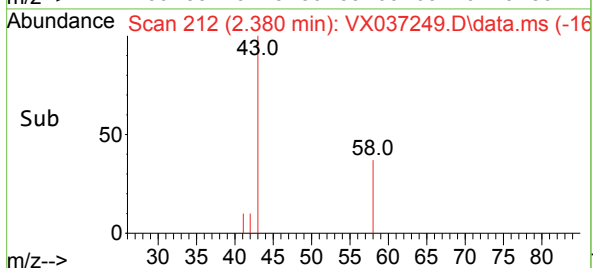
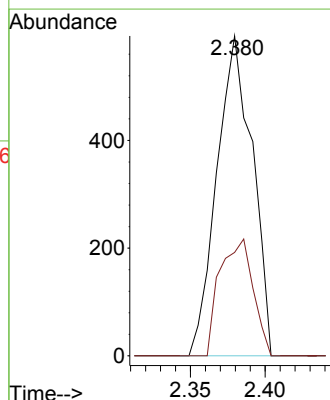
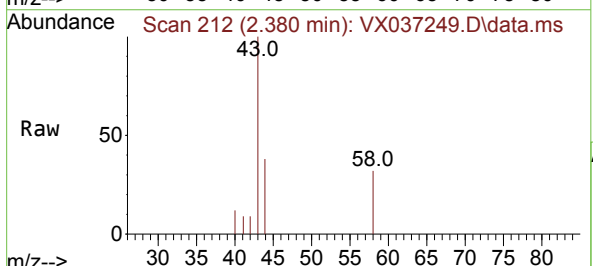
Acq: 25 Aug 2023 05:35

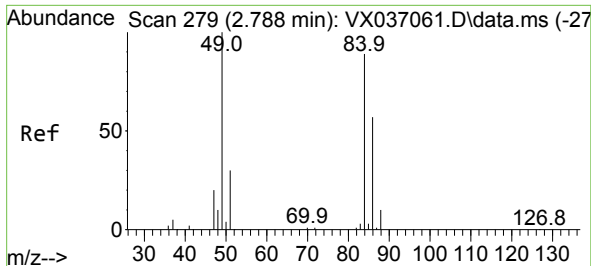
Tgt Ion: 43 Resp: 980

Ion Ratio Lower Upper

43 100

58 32.3 21.9 32.9

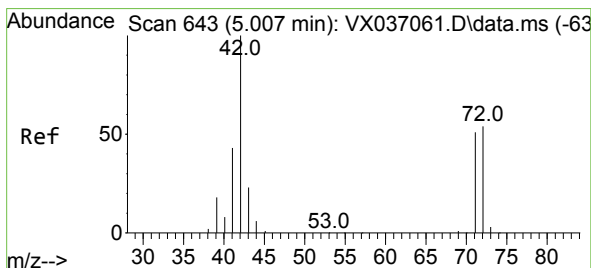
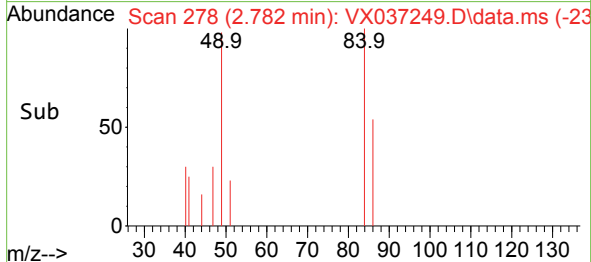
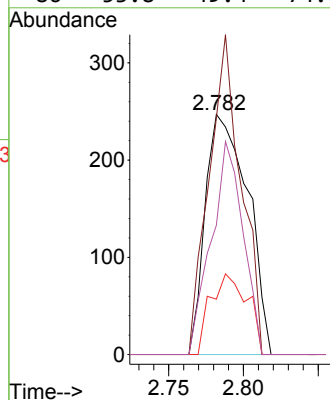
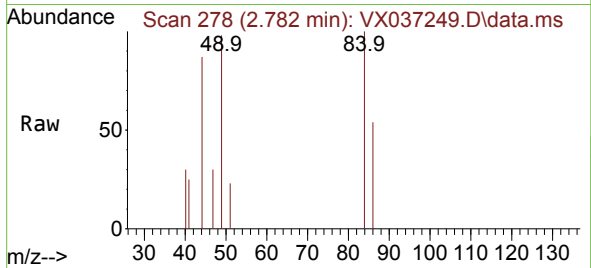




#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037249.D
Acq: 25 Aug 2023 05:35

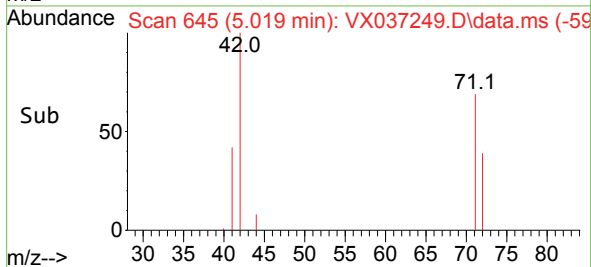
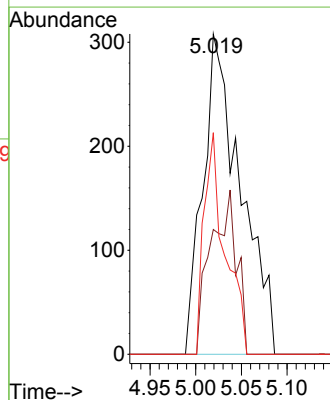
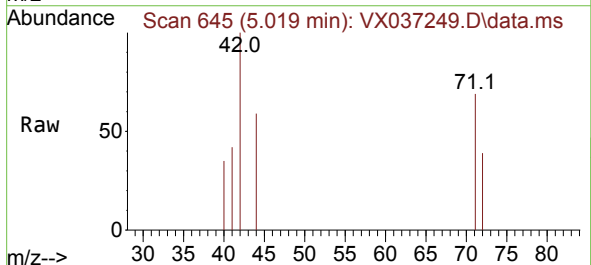
Instrument :
MSVOA_X
ClientSampleId :
EB01-20230818

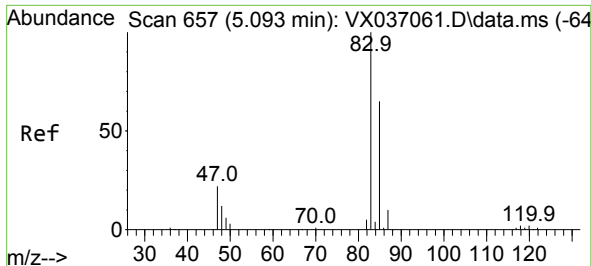
Tgt Ion:	84	Resp:	486
Ion	Ratio	Lower	Upper
84	100		
49	98.4	103.6	155.4#
51	23.1	33.8	50.6#
86	53.8	49.4	74.0



#29
Tetrahydrofuran
Concen: 1.103 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX037249.D
Acq: 25 Aug 2023 05:35

Tgt Ion:	42	Resp:	887
Ion	Ratio	Lower	Upper
42	100		
72	34.9	34.2	51.4
71	38.2	32.2	48.2





#30

Chloroform

Concen: 1.069 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX037249.D

Acq: 25 Aug 2023 05:35

Instrument :

MSVOA_X

ClientSampleId :

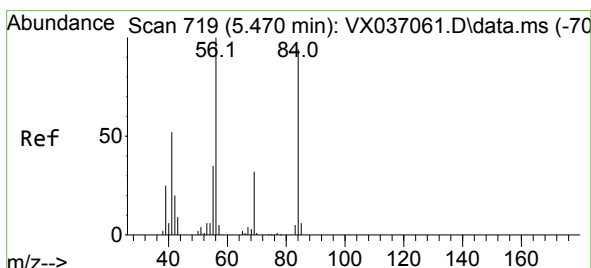
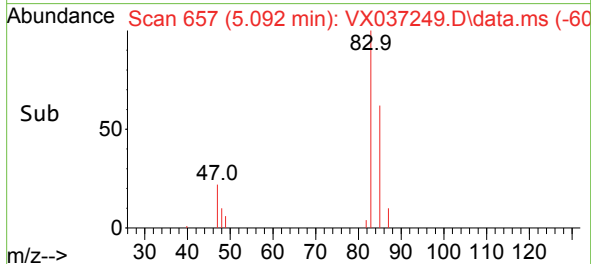
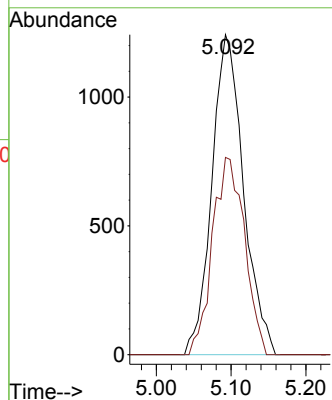
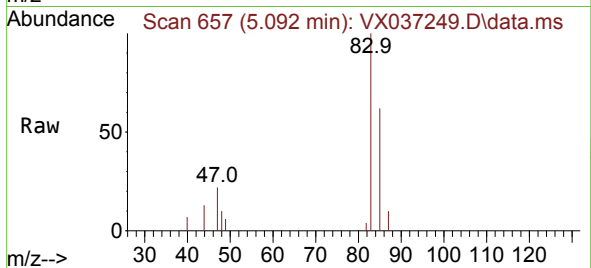
EB01-20230818

Tgt Ion: 83 Resp: 3656

Ion Ratio Lower Upper

83 100

85 61.7 50.3 75.5



#31

Cyclohexane

Concen: 1.225 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037249.D

Acq: 25 Aug 2023 05:35

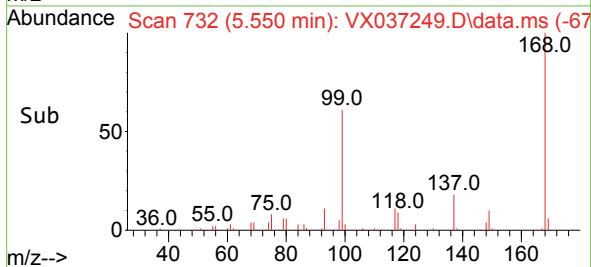
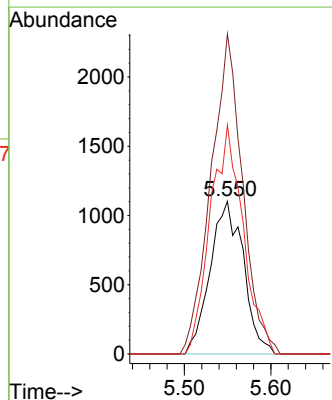
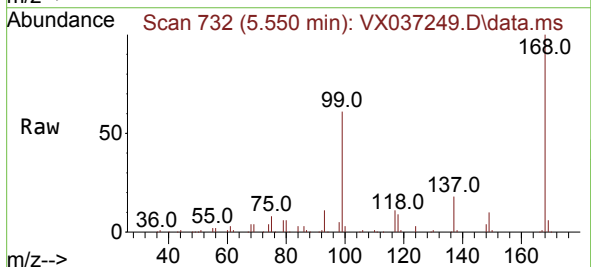
Tgt Ion: 56 Resp: 2949

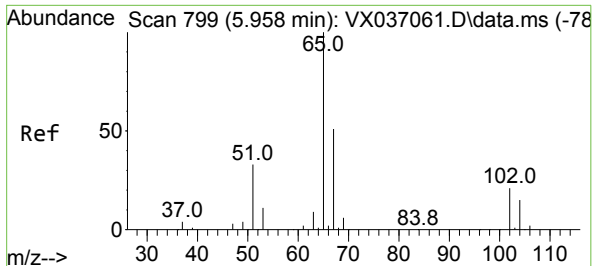
Ion Ratio Lower Upper

56 100

69 209.5 23.4 35.2#

84 149.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.153 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037249.D

Acq: 25 Aug 2023 05:35

Instrument :

MSVOA_X

ClientSampleId :

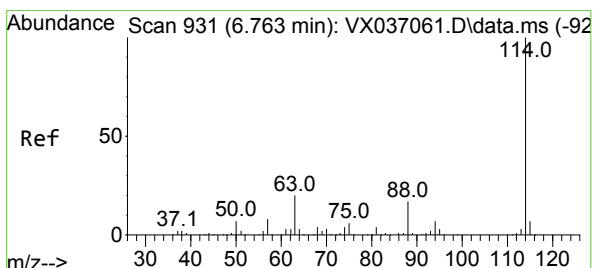
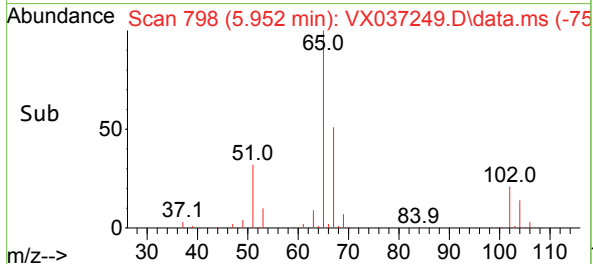
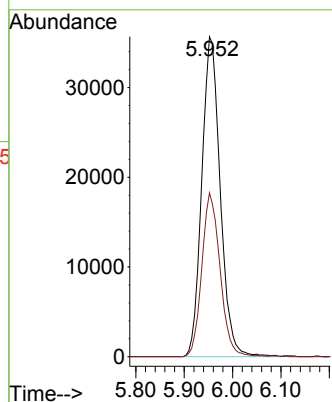
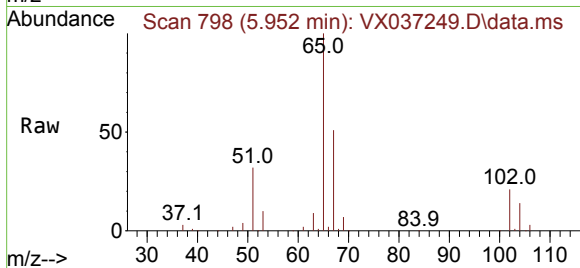
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Tgt Ion: 65 Resp: 94562

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037249.D

Acq: 25 Aug 2023 05:35

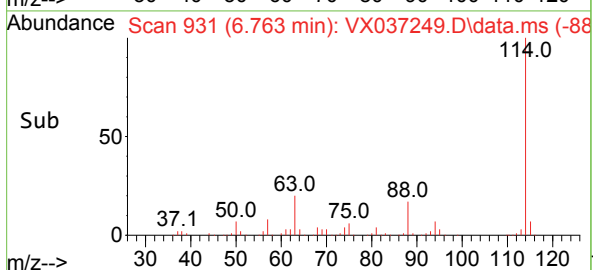
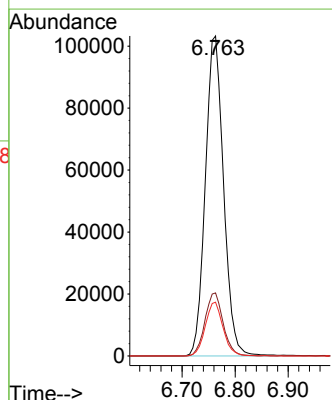
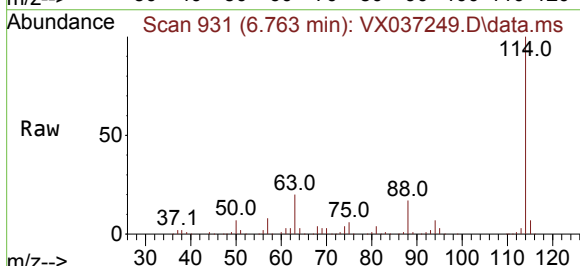
Tgt Ion: 114 Resp: 246650

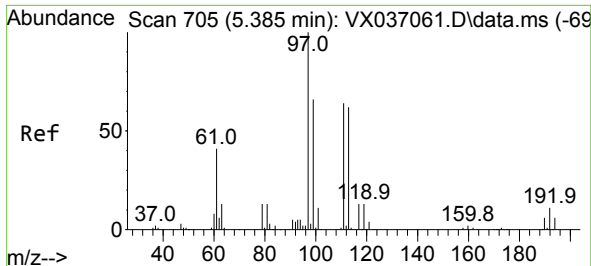
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 16.8 0.0 36.6

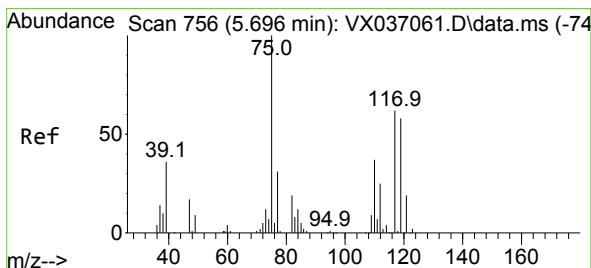
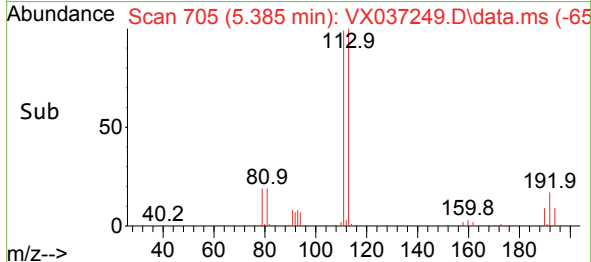
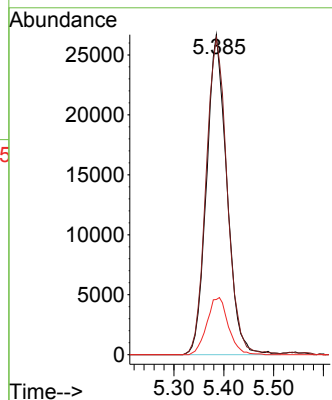
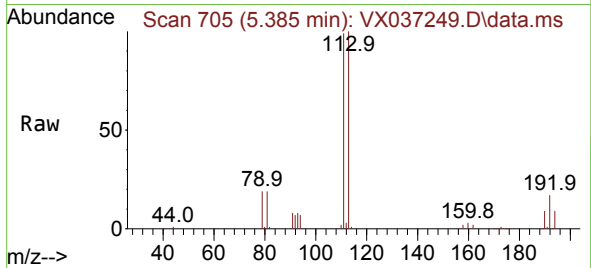




#35
Dibromofluoromethane
Concen: 46.329 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037249.D
Acq: 25 Aug 2023 05:35

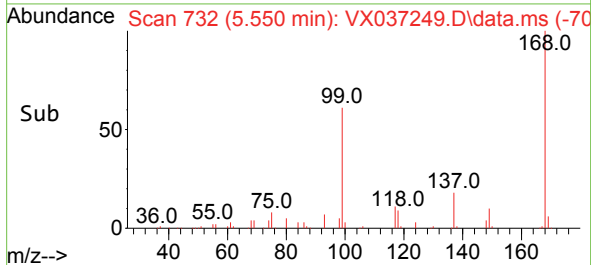
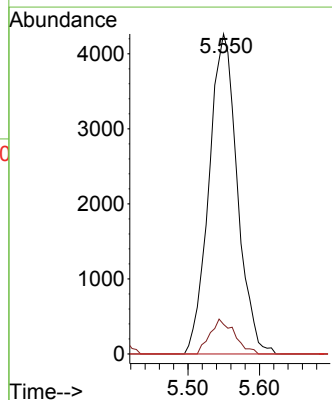
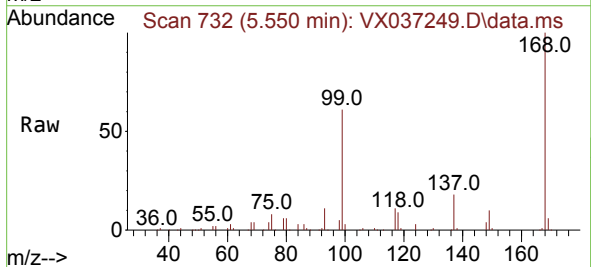
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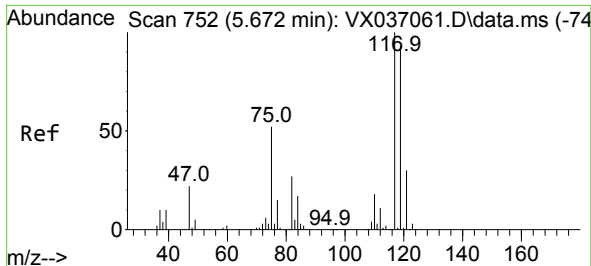
Tgt Ion:	113	Resp:	75679
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	18.8	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.053 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037249.D
Acq: 25 Aug 2023 05:35

Tgt Ion:	75	Resp:	11726
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.0	50.9#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.453 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX037249.D

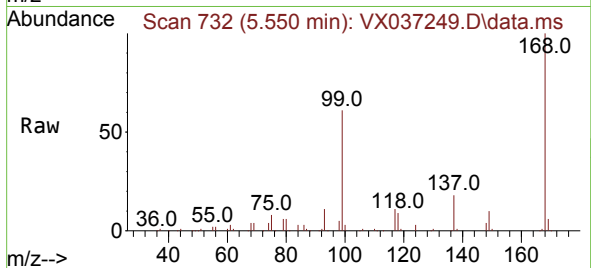
Acq: 25 Aug 2023 05:35

Instrument :

MSVOA_X

ClientSampleId :

EB01-20230818



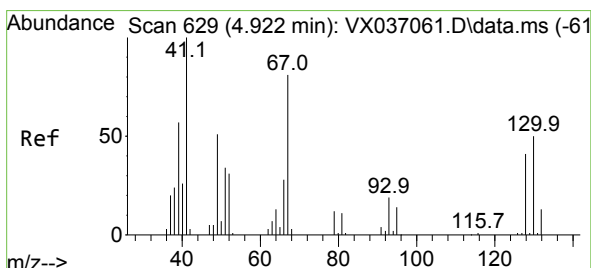
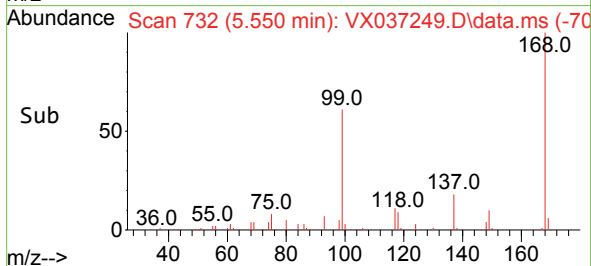
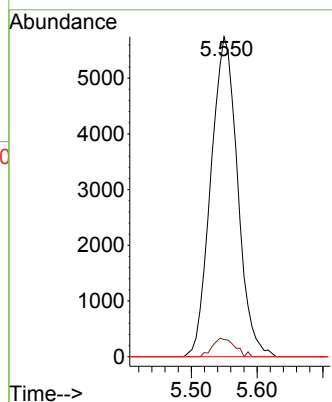
Tgt Ion:117 Resp: 16268

Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.2#

121 0.0 24.4 36.6#



#41

Methacrylonitrile

Concen: 0.353 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.116 min

Lab File: VX037249.D

Acq: 25 Aug 2023 05:35

Tgt Ion: 41 Resp: 435

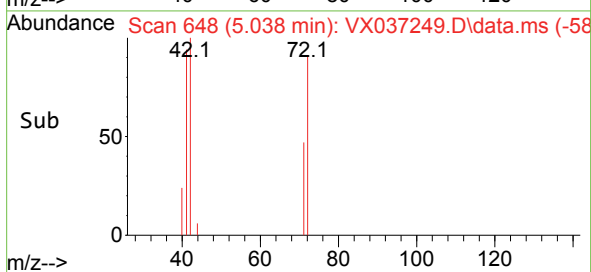
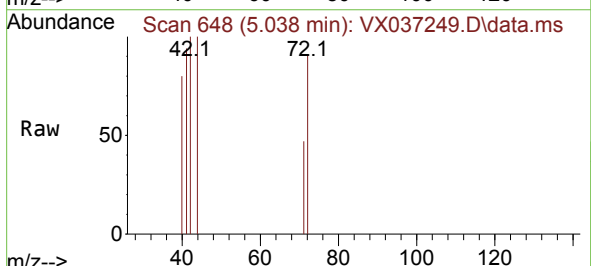
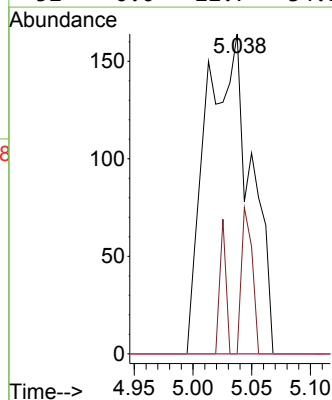
Ion Ratio Lower Upper

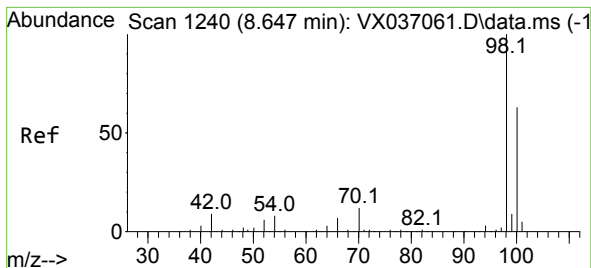
41 100

39 11.0 45.2 67.8#

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#





#50

Toluene-d8

Concen: 48.939 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037249.D

Acq: 25 Aug 2023 05:35

Instrument :

MSVOA_X

ClientSampleId :

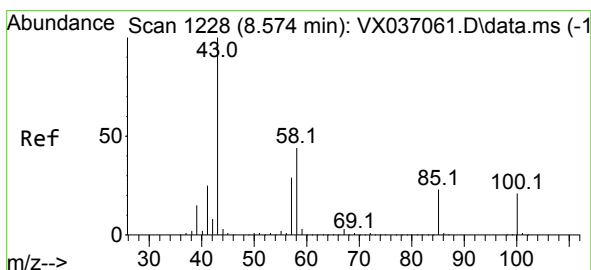
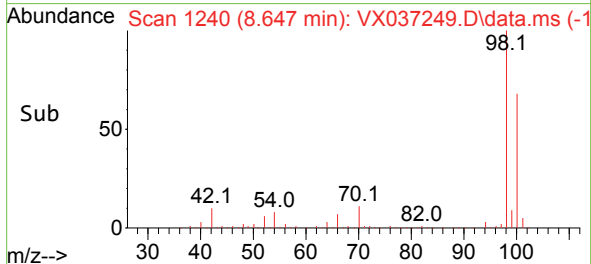
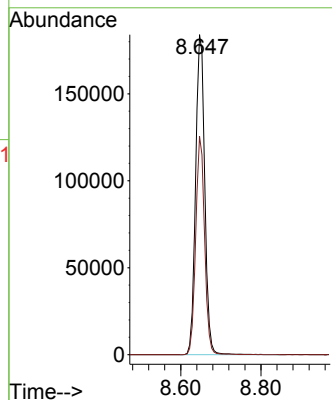
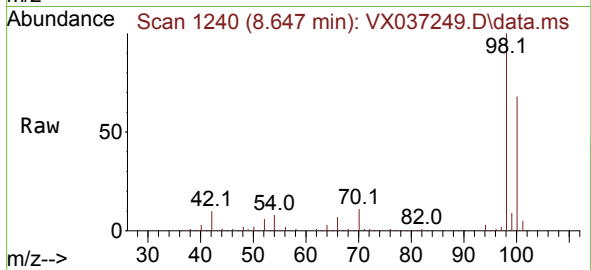
EB01-20230818

Tgt Ion: 98 Resp: 289982

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.468 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX037249.D

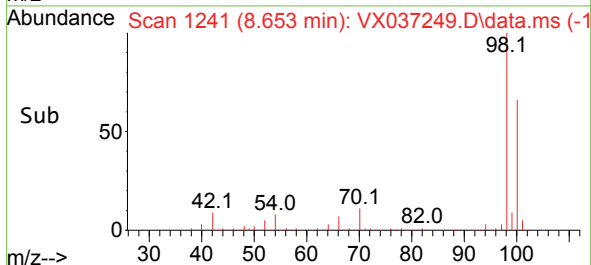
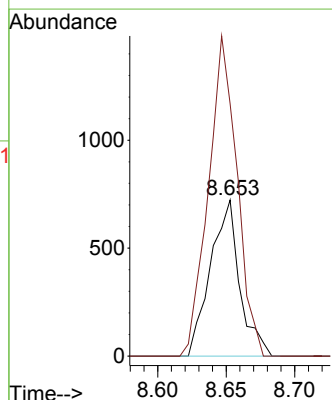
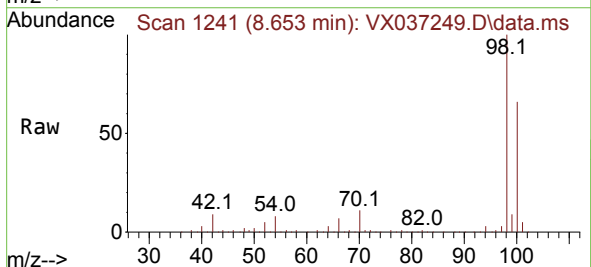
Acq: 25 Aug 2023 05:35

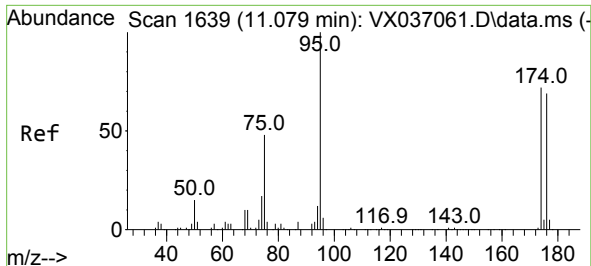
Tgt Ion: 43 Resp: 1070

Ion Ratio Lower Upper

43 100

58 201.5 30.4 45.6#

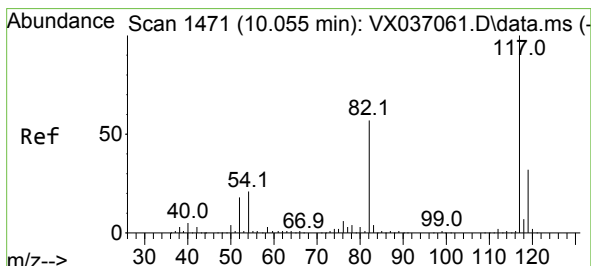
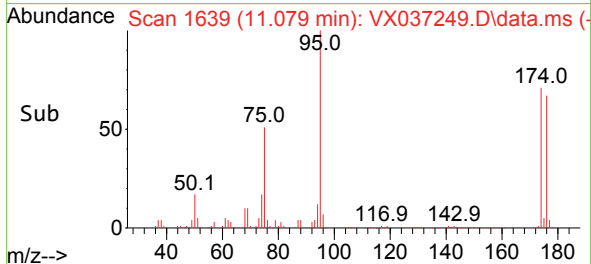
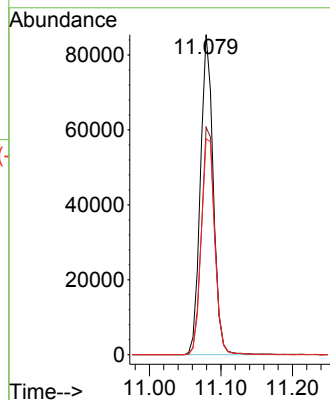
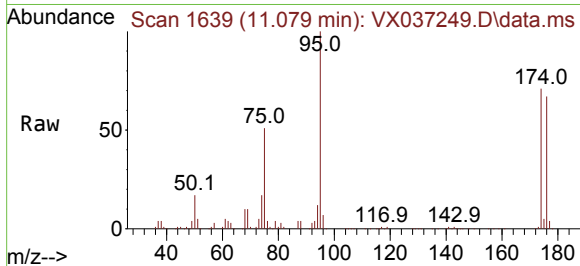




#62
4-Bromofluorobenzene
Concen: 45.686 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037249.D
Acq: 25 Aug 2023 05:35

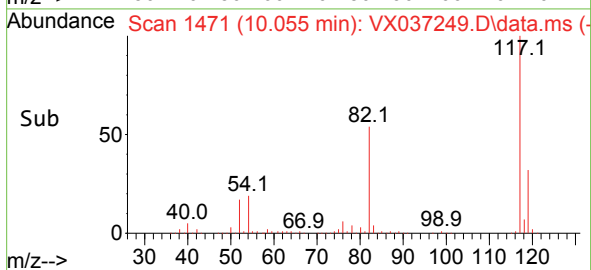
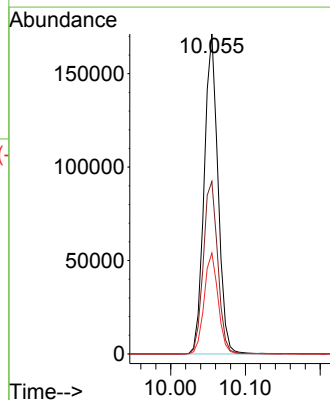
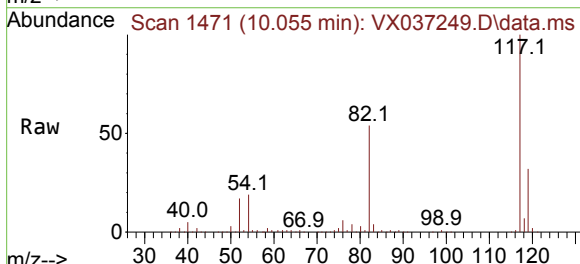
Instrument :
MSVOA_X
ClientSampleId :
EB01-20230818

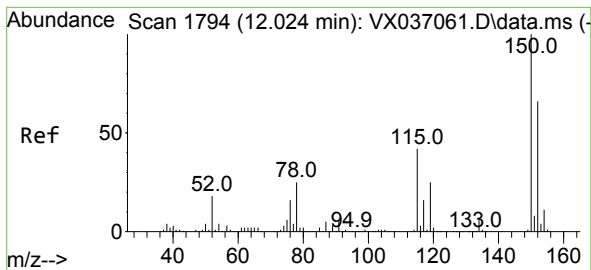
Tgt Ion: 95 Resp: 106383
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037249.D
Acq: 25 Aug 2023 05:35

Tgt Ion: 117 Resp: 220005
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037249.D

Acq: 25 Aug 2023 05:35

Instrument :

MSVOA_X

ClientSampleId :

EB01-20230818

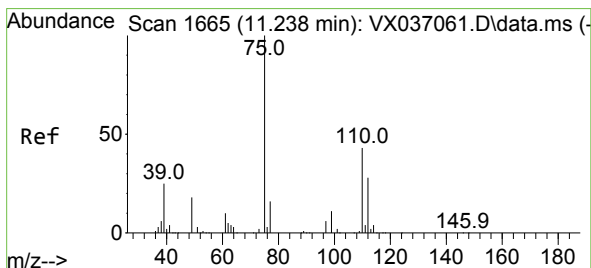
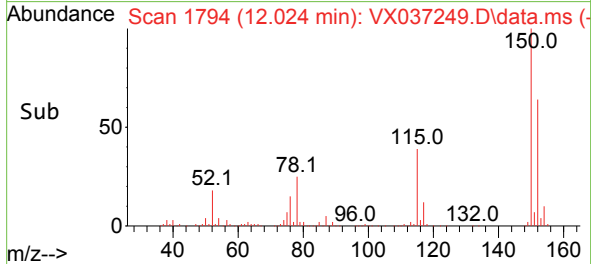
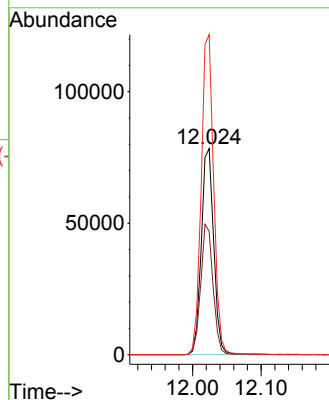
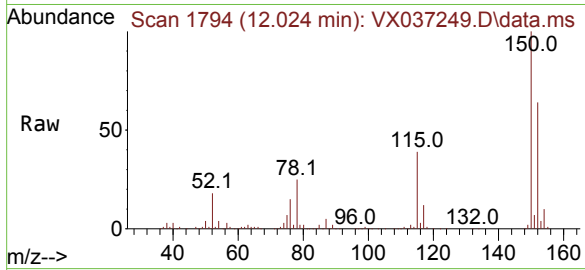
Tgt Ion:152 Resp: 99158

Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.668 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037249.D

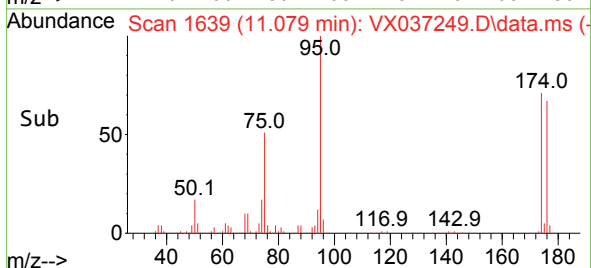
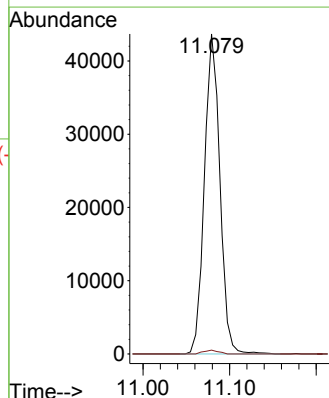
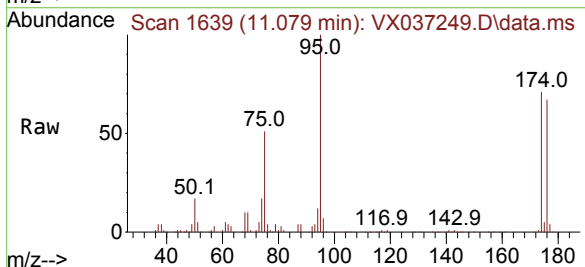
Acq: 25 Aug 2023 05:35

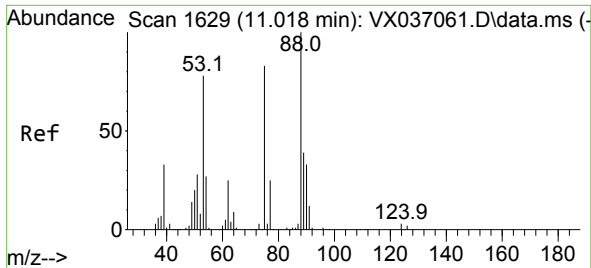
Tgt Ion: 75 Resp: 54205

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.693 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037249.D
 Acq: 25 Aug 2023 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20230818

Tgt Ion: 75 Resp: 54205
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

