

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
 Data File : VX039740.D
 Acq On : 12 Jan 2024 16:23
 Operator : JC/MD
 Sample : P1117-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1-TCLP-VOC-GRAB-7

Quant Time: Jan 12 22:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

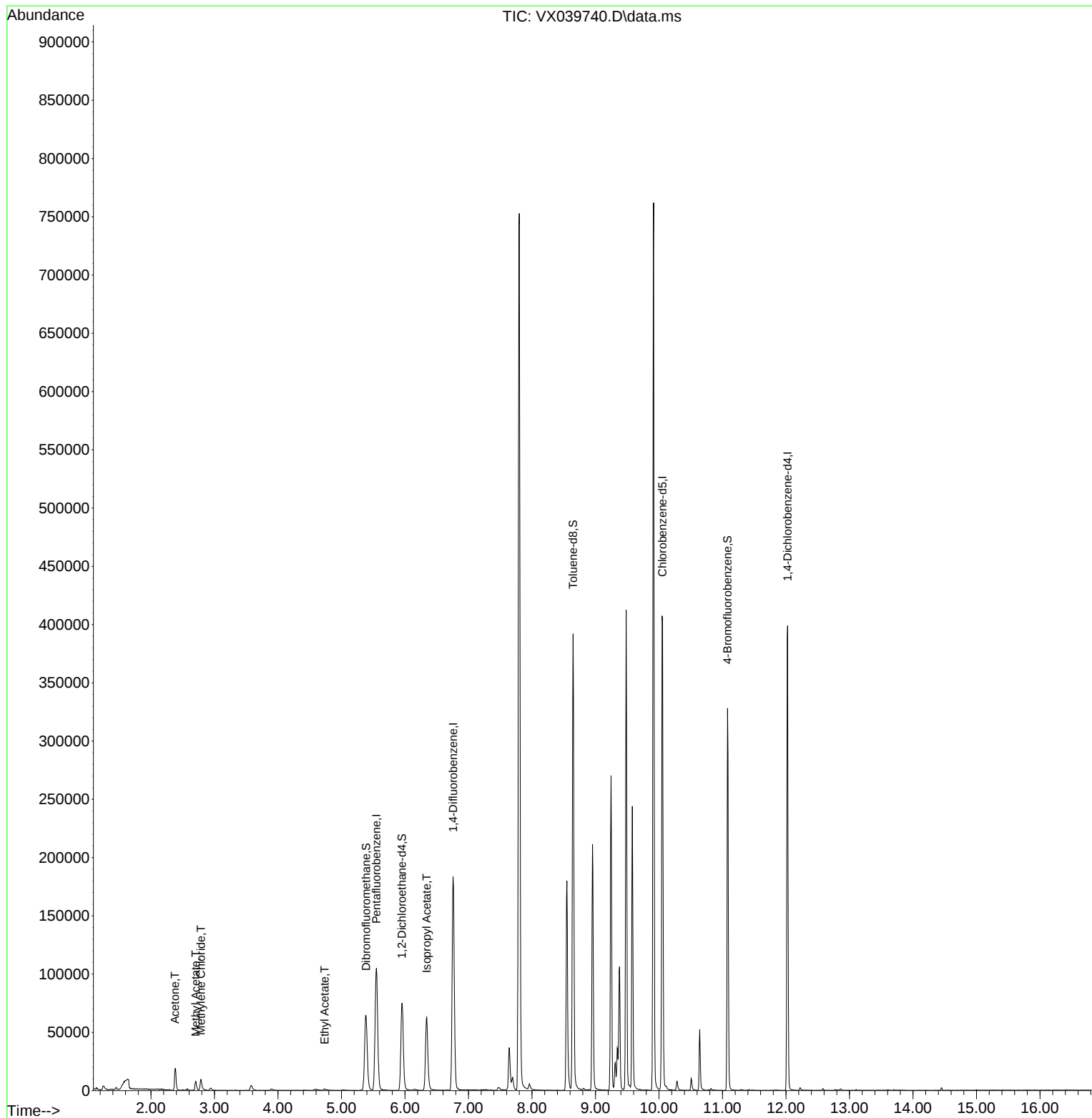
Internal Standards						
1) Pentafluorobenzene	5.550	168	96123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73394	45.581	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.160%
35) Dibromofluoromethane	5.385	113	57771	46.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.040%
50) Toluene-d8	8.647	98	228094	48.696	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	89719	48.982	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.960%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	20840	23.013	ug/l	93
18) Methyl Acetate	2.703	43	9965	5.260	ug/l	100
20) Methylene Chloride	2.788	84	4663	3.404	ug/l	92
37) Ethyl Acetate	4.733	43	2690	1.043	ug/l #	89
43) Isopropyl Acetate	6.342	43	89101	23.552	ug/l	100

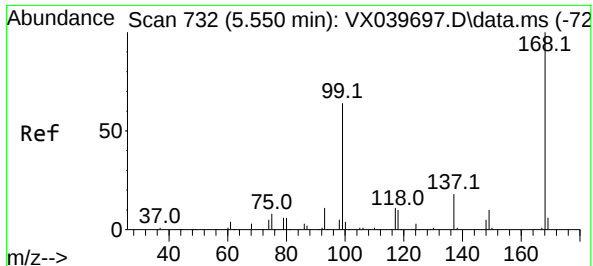
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
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Response via : Initial Calibration

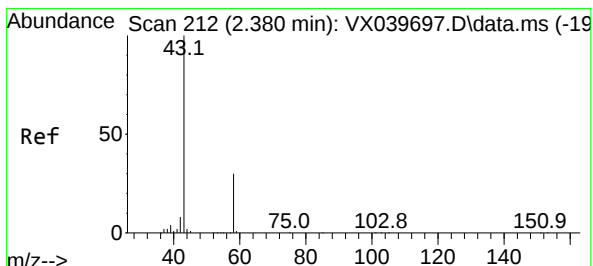
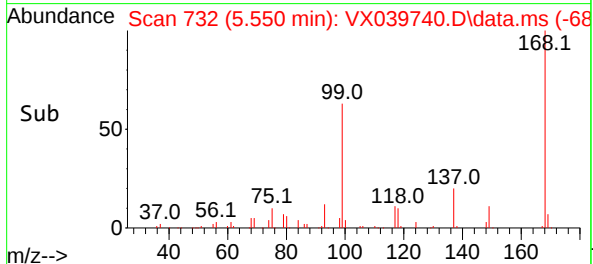
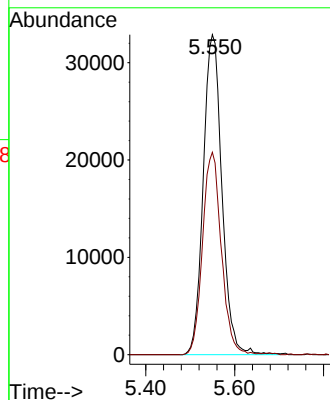
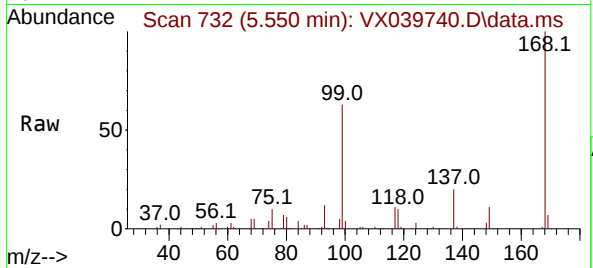




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039740.D
Acq: 12 Jan 2024 16:23

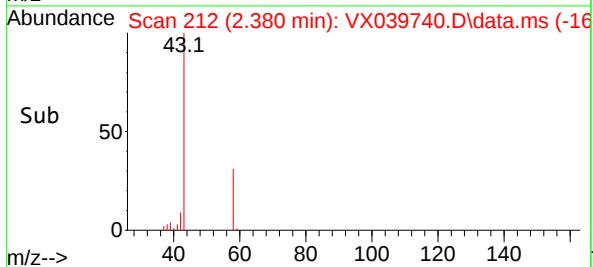
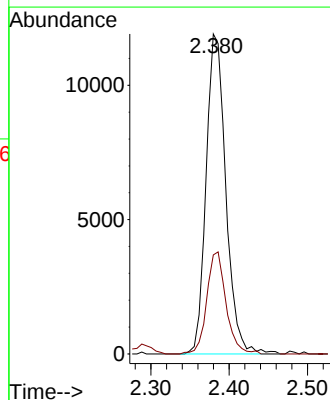
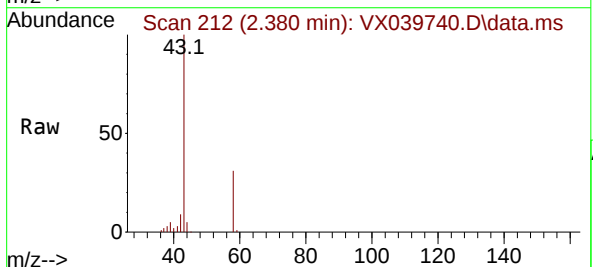
Instrument :
MSVOA_X
ClientSampleId :
S1-TCLP-VOC-GRAB-7

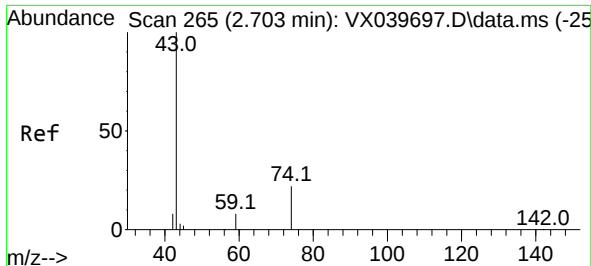
Tgt Ion:168 Resp: 96123
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#16
Acetone
Concen: 23.013 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039740.D
Acq: 12 Jan 2024 16:23

Tgt Ion: 43 Resp: 20840
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9

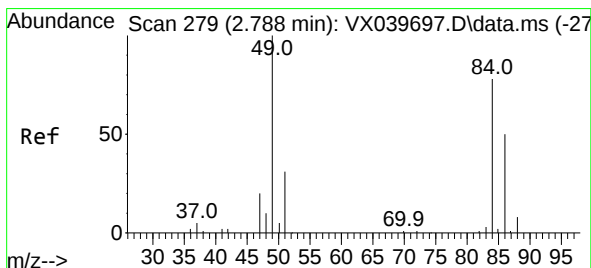
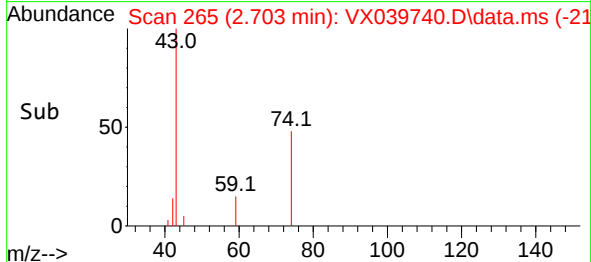
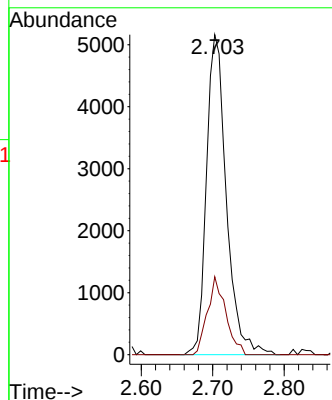
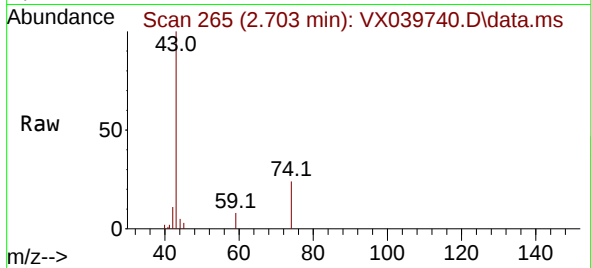




#18
Methyl Acetate
Concen: 5.260 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX039740.D
Acq: 12 Jan 2024 16:23

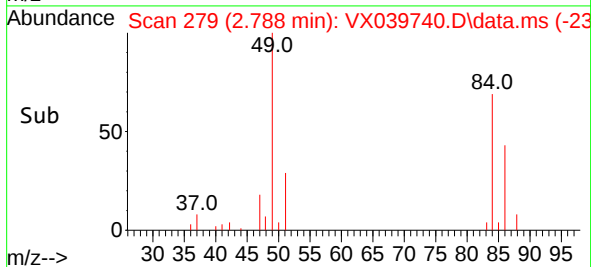
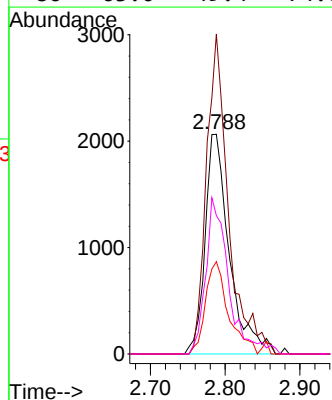
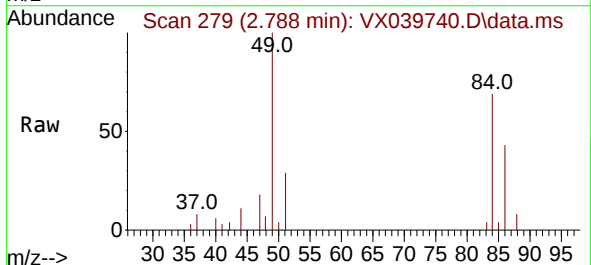
Instrument :
MSVOA_X
ClientSampleId :
S1-TCLP-VOC-GRAB-7

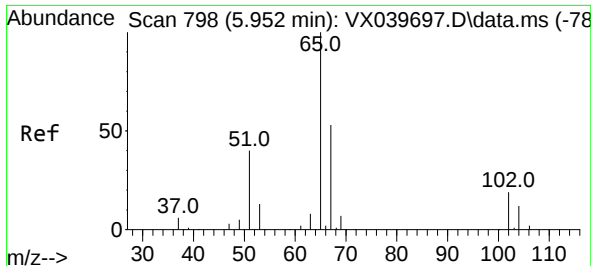
Tgt Ion: 43 Resp: 9965
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8



#20
Methylene Chloride
Concen: 3.404 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039740.D
Acq: 12 Jan 2024 16:23

Tgt Ion: 84 Resp: 4663
Ion Ratio Lower Upper
84 100
49 145.6 103.6 155.4
51 42.0 33.8 50.6
86 63.0 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 45.581 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039740.D

Acq: 12 Jan 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

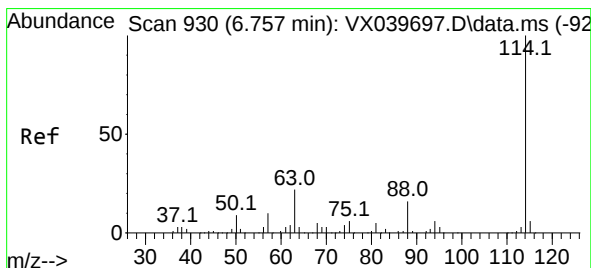
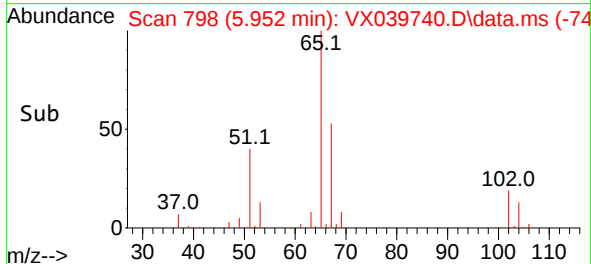
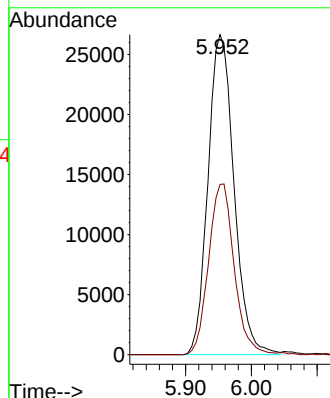
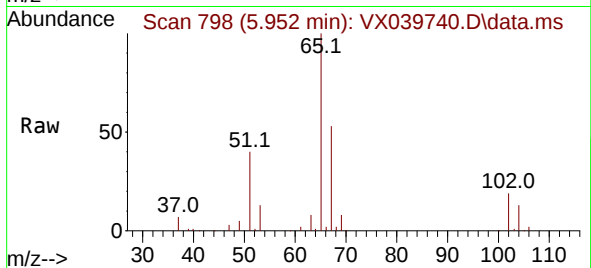
S1-TCLP-VOC-GRAB-7

Tgt Ion: 65 Resp: 73394

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039740.D

Acq: 12 Jan 2024 16:23

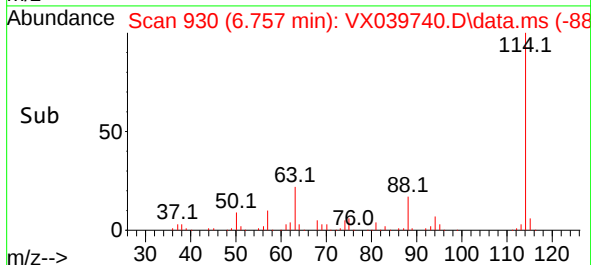
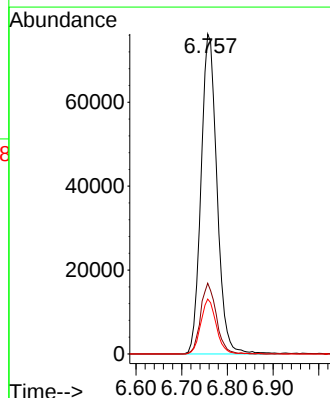
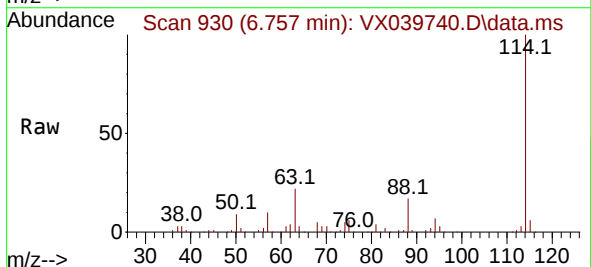
Tgt Ion: 114 Resp: 184387

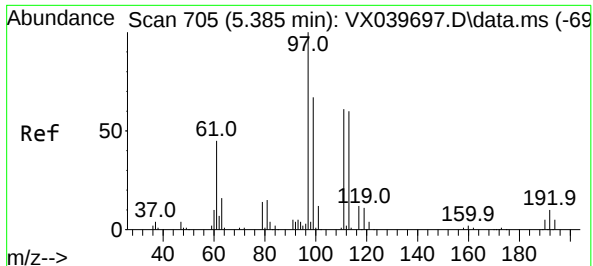
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 17.1 0.0 36.6

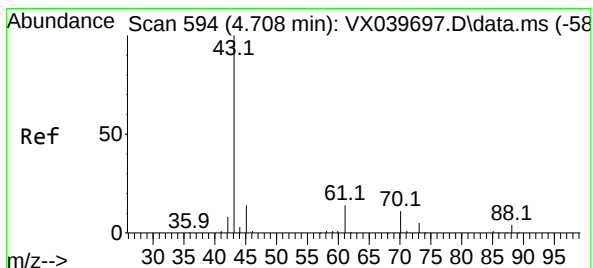
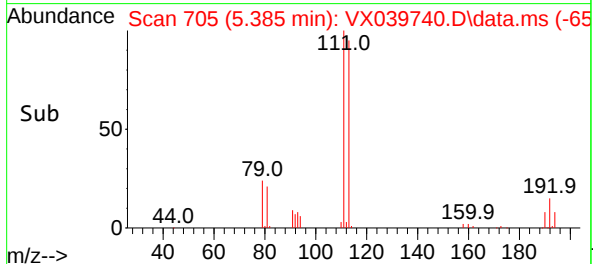
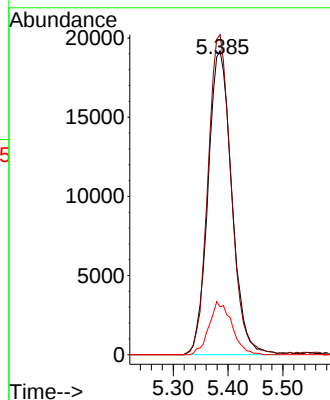
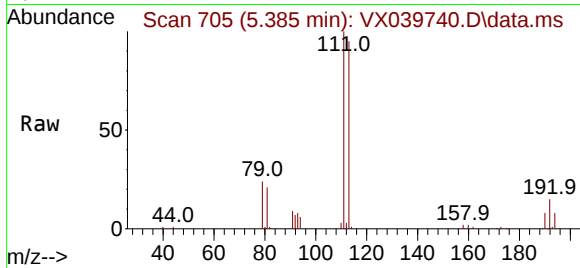




#35
Dibromofluoromethane
Concen: 46.517 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039740.D
Acq: 12 Jan 2024 16:23

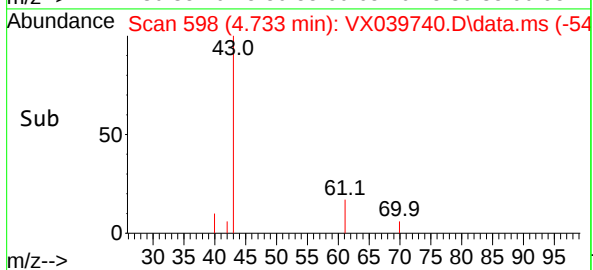
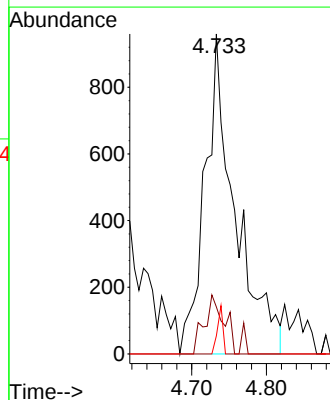
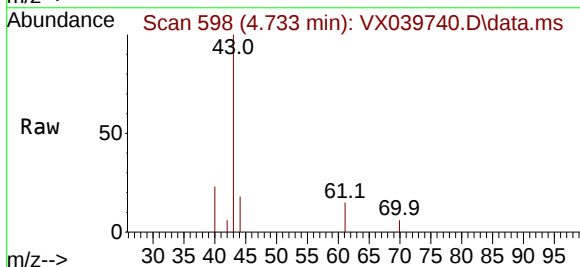
Instrument :
MSVOA_X
ClientSampleId :
S1-TCLP-VOC-GRAB-7

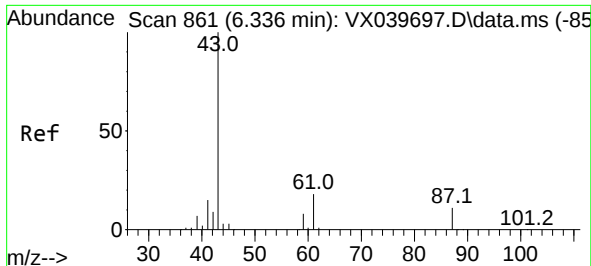
Tgt Ion:113 Resp: 57771
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.7 13.3 19.9



#37
Ethyl Acetate
Concen: 1.043 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.025 min
Lab File: VX039740.D
Acq: 12 Jan 2024 16:23

Tgt Ion: 43 Resp: 2690
Ion Ratio Lower Upper
43 100
61 12.0 10.6 16.0
70 2.7 8.3 12.5

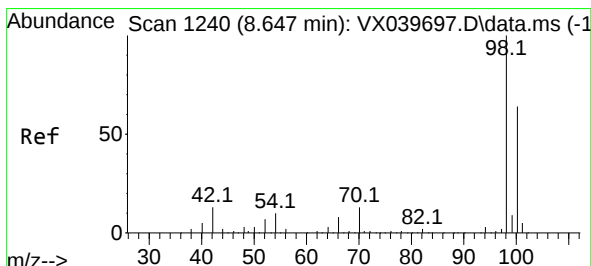
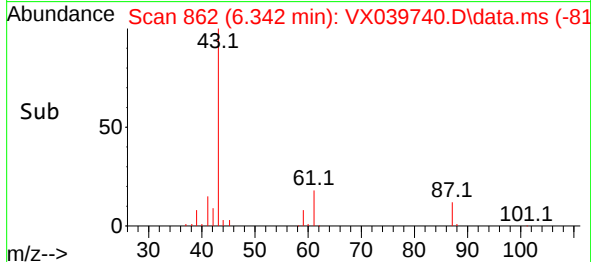
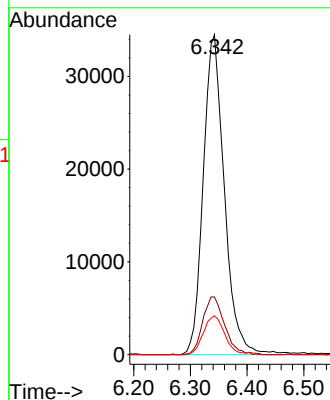
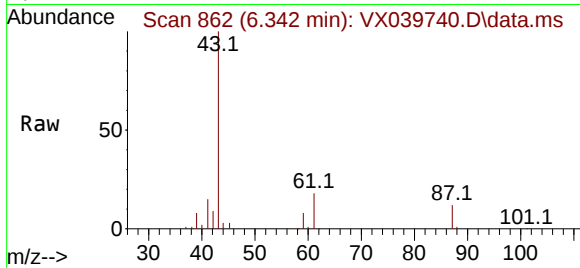




#43
Isopropyl Acetate
Concen: 23.552 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039740.D
Acq: 12 Jan 2024 16:23

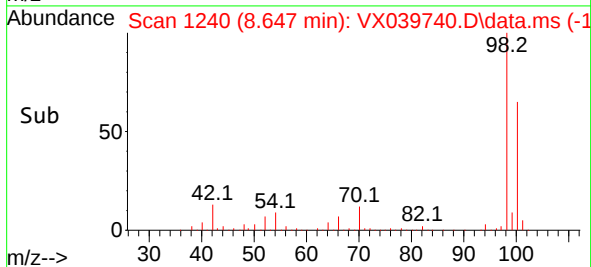
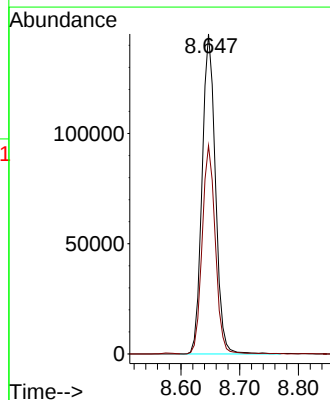
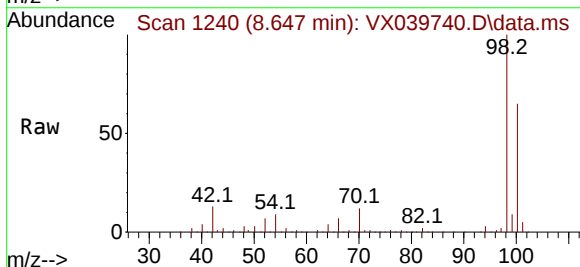
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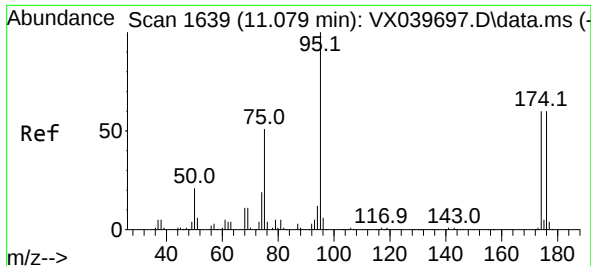
Tgt Ion: 43 Resp: 89101
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.3 9.8 14.6



#50
Toluene-d8
Concen: 48.696 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039740.D
Acq: 12 Jan 2024 16:23

Tgt Ion: 98 Resp: 228094
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.982 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039740.D

Acq: 12 Jan 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

S1-TCLP-VOC-GRAB-7

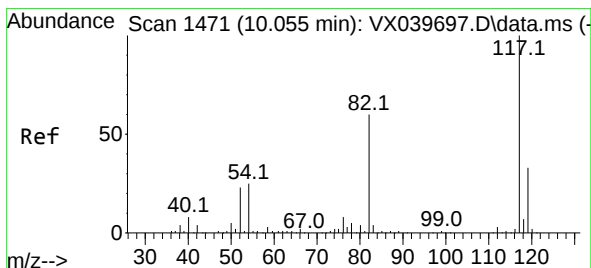
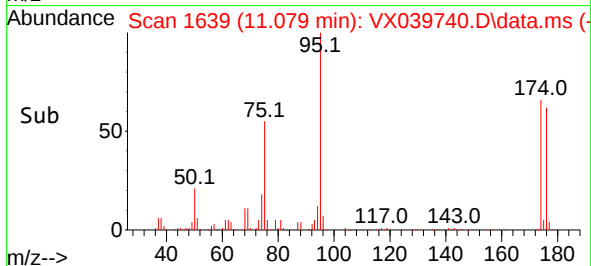
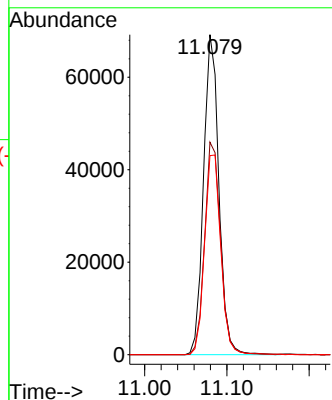
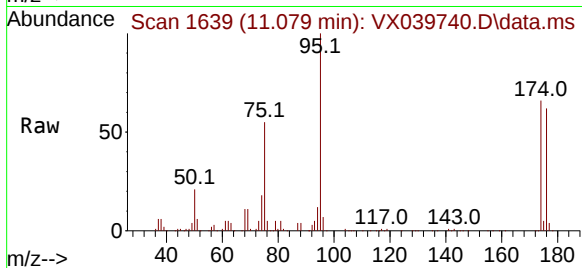
Tgt Ion: 95 Resp: 89719

Ion Ratio Lower Upper

95 100

174 69.3 0.0 135.6

176 66.2 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: VX039740.D

Acq: 12 Jan 2024 16:23

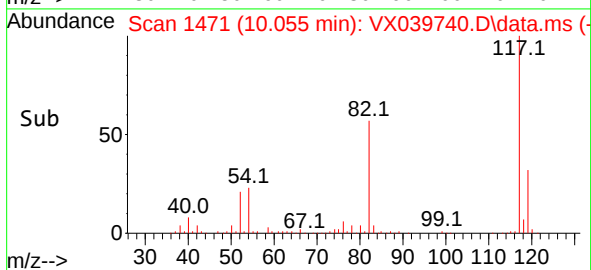
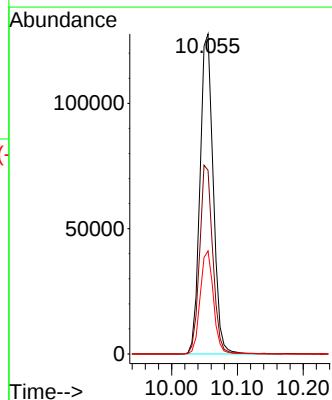
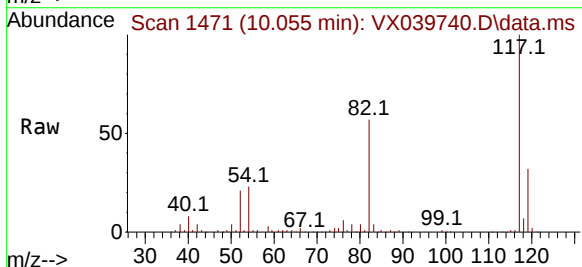
Tgt Ion: 117 Resp: 178511

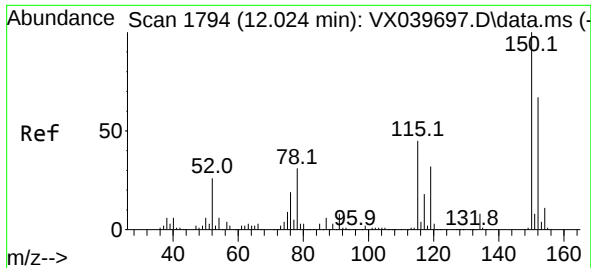
Ion Ratio Lower Upper

117 100

82 57.4 46.2 69.4

119 32.2 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: VX039740.D

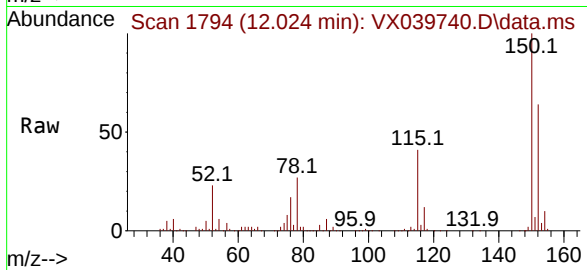
Acq: 12 Jan 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 78301

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 158.1 0.0 345.0

