

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039915.D
 Acq On : 23 Jan 2024 17:26
 Operator : JC/MD
 Sample : P1197-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Jan 24 02:34:44 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)

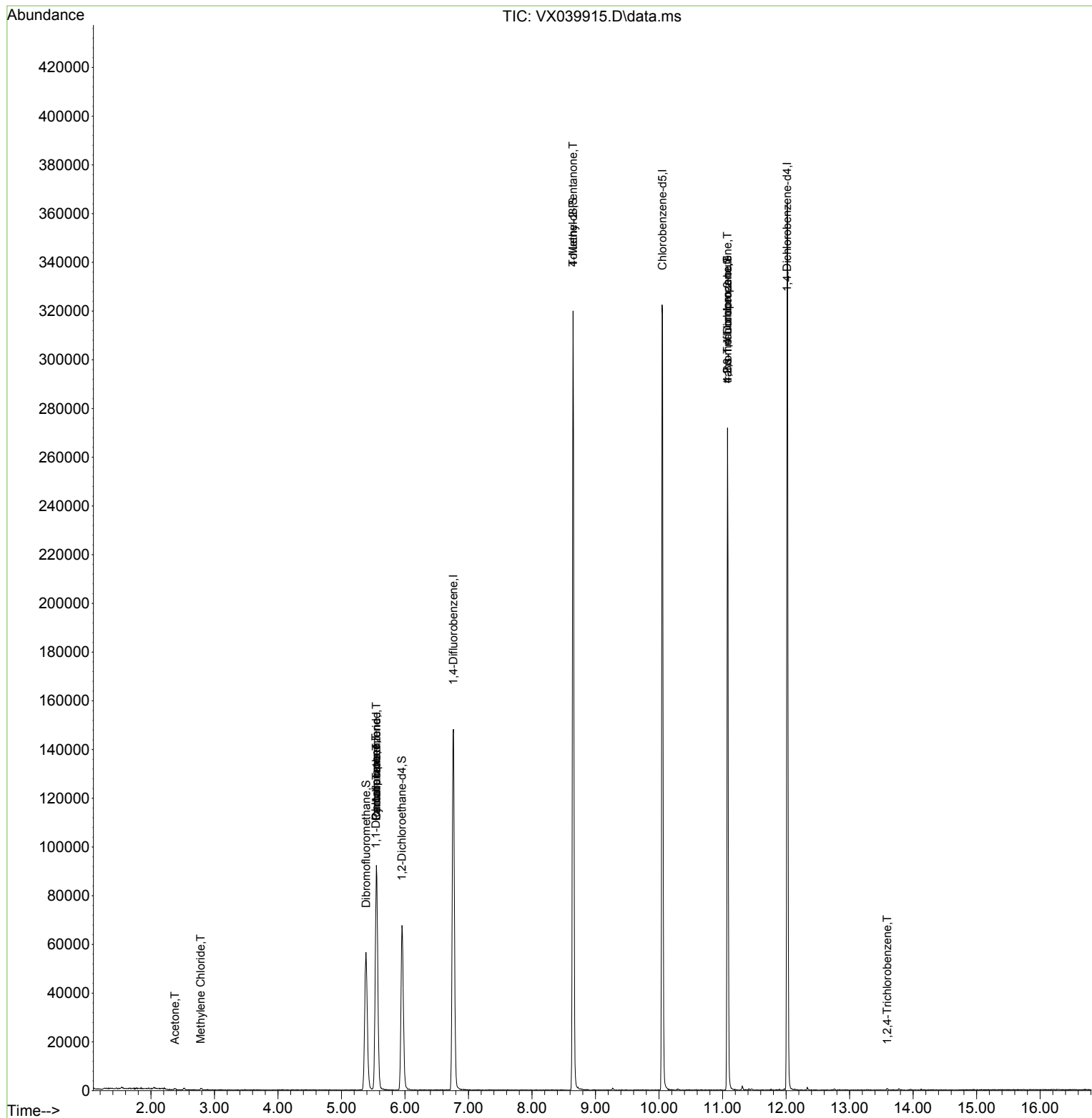
Internal Standards						
1) Pentafluorobenzene	5.550	168	78731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63699	48.299	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.600%		
35) Dibromofluoromethane	5.385	113	48640	49.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	8.647	98	179689	48.167	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.340%		
62) 4-Bromofluorobenzene	11.079	95	71449	48.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.960%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	669	0.902	ug/l	97
20) Methylene Chloride	2.782	84	317	0.283	ug/l #	76
31) Cyclohexane	5.550	56	2290	1.316	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7387	4.798	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9122	6.469	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	887	0.427	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39415	21.741	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39415	63.177	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	334	0.233	ug/l	89

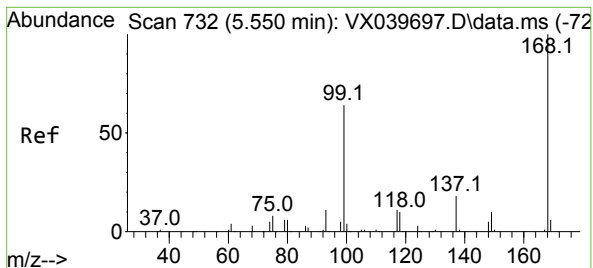
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
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: VX039915.D

Acq: 23 Jan 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

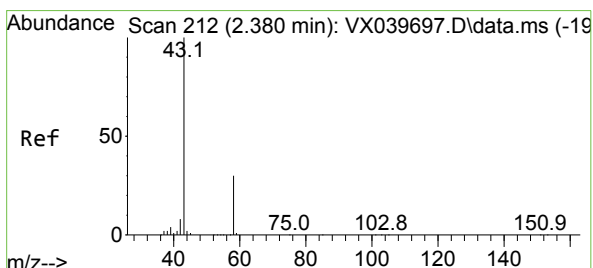
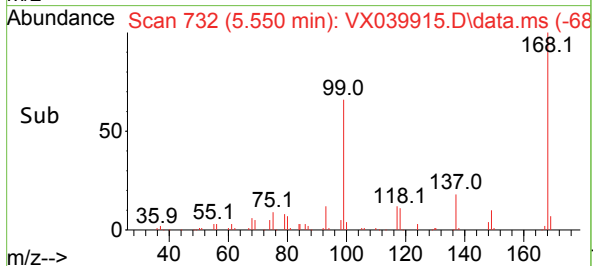
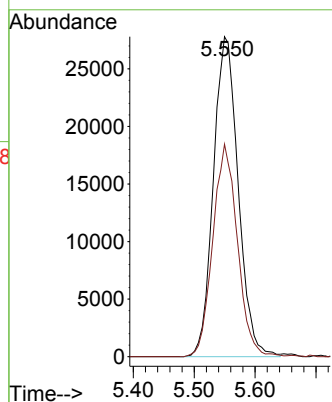
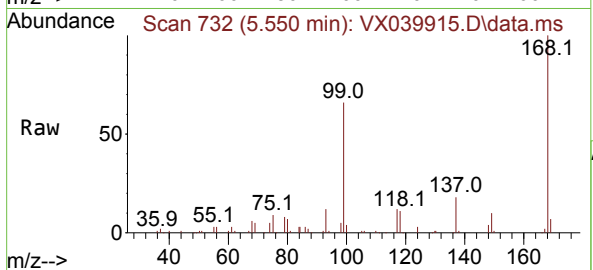
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 78731

Ion Ratio Lower Upper

168 100

99 66.4 56.6 85.0



#16

Acetone

Concen: 0.902 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX039915.D

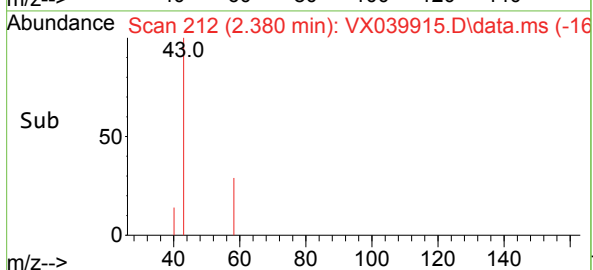
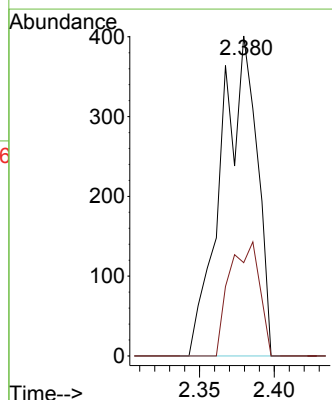
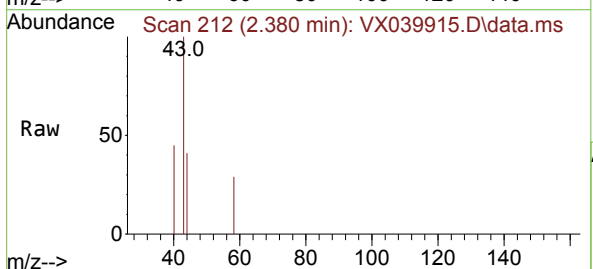
Acq: 23 Jan 2024 17:26

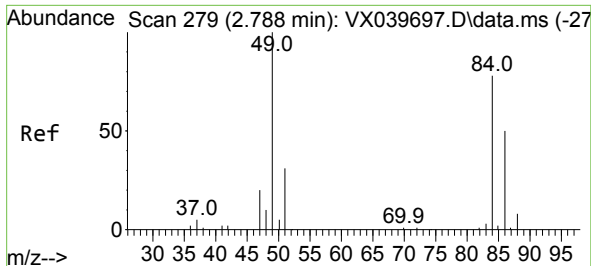
Tgt Ion: 43 Resp: 669

Ion Ratio Lower Upper

43 100

58 29.2 21.9 32.9





#20

Methylene Chloride

Concen: 0.283 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039915.D

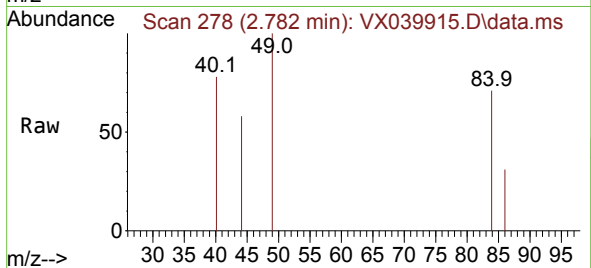
Acq: 23 Jan 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT



Tgt Ion: 84 Resp: 317

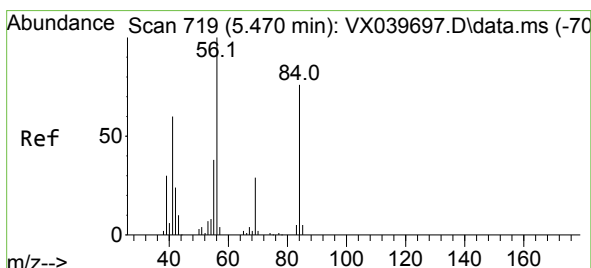
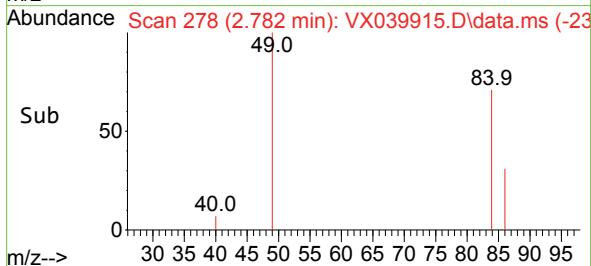
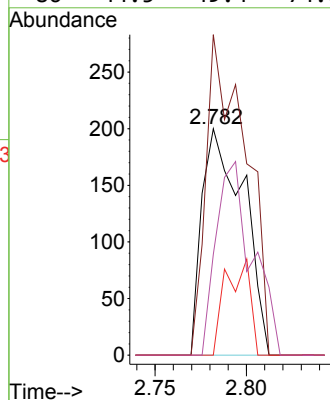
Ion Ratio Lower Upper

84 100

49 141.5 103.6 155.4

51 0.0 33.8 50.6#

86 44.5 49.4 74.0#



#31

Cyclohexane

Concen: 1.316 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX039915.D

Acq: 23 Jan 2024 17:26

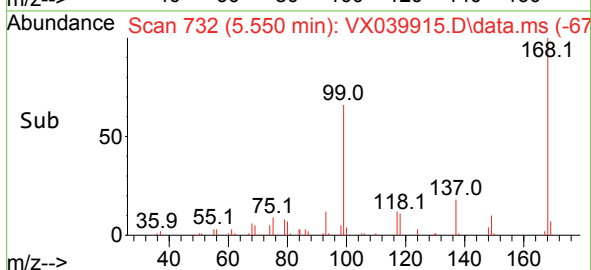
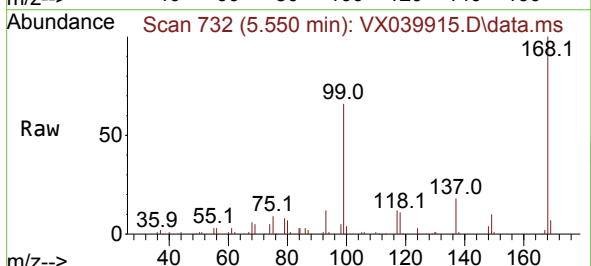
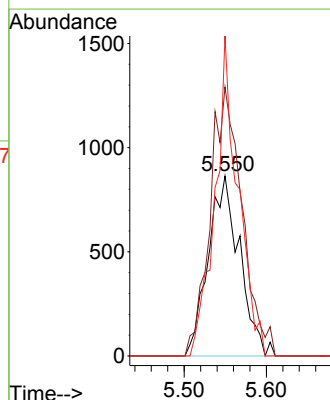
Tgt Ion: 56 Resp: 2290

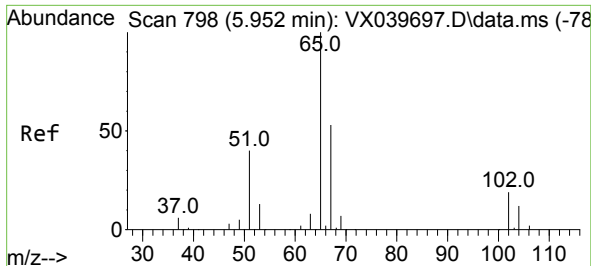
Ion Ratio Lower Upper

56 100

69 149.4 23.4 35.2#

84 177.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.299 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039915.D

Acq: 23 Jan 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

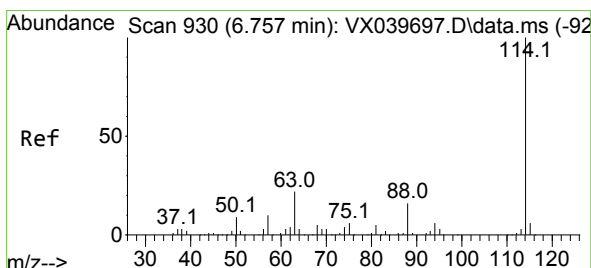
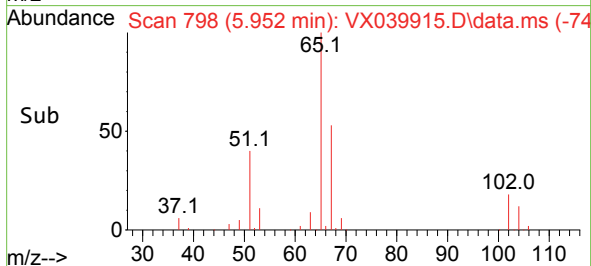
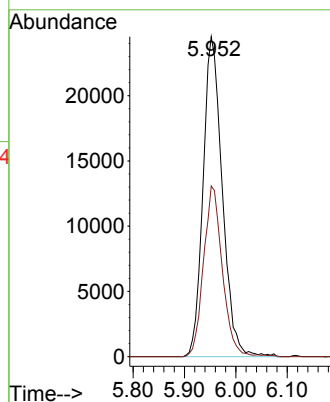
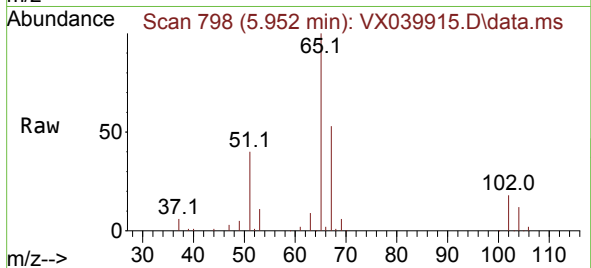
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 65 Resp: 63699

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039915.D

Acq: 23 Jan 2024 17:26

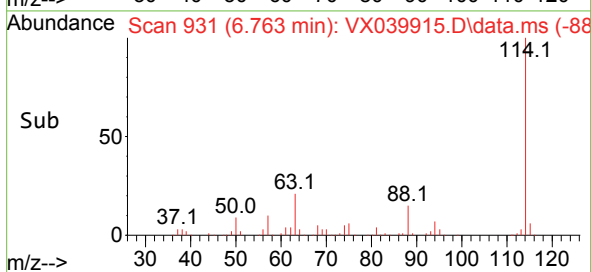
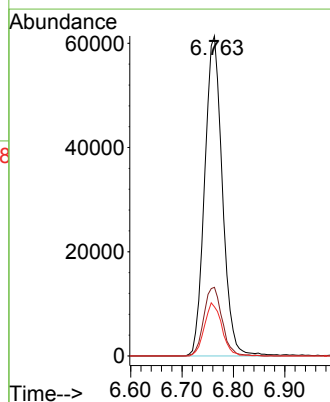
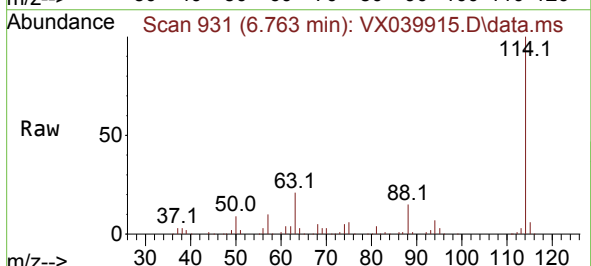
Tgt Ion:114 Resp: 146854

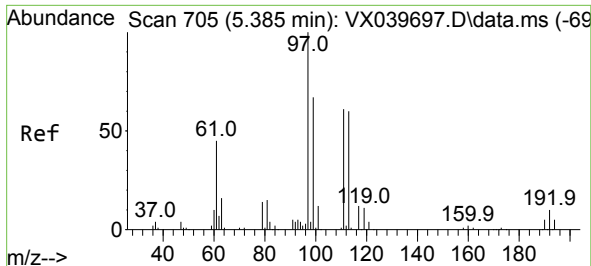
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 15.4 0.0 36.6

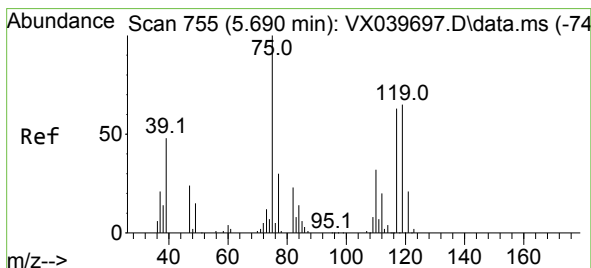
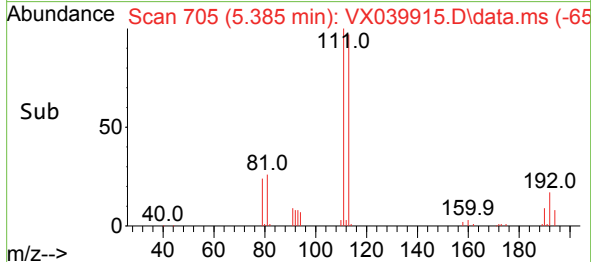
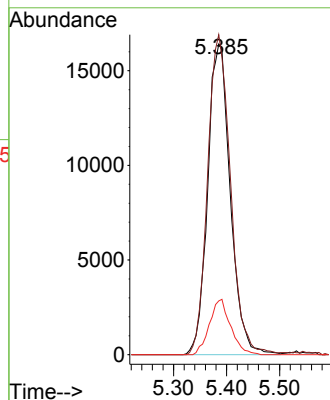
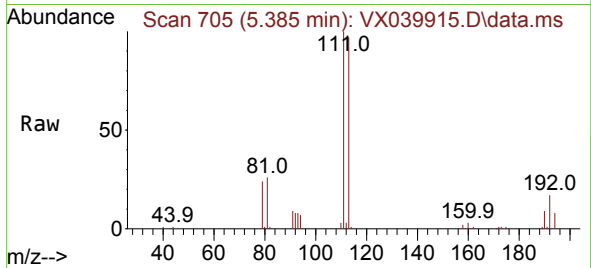




#35
Dibromofluoromethane
Concen: 49.175 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039915.D
Acq: 23 Jan 2024 17:26

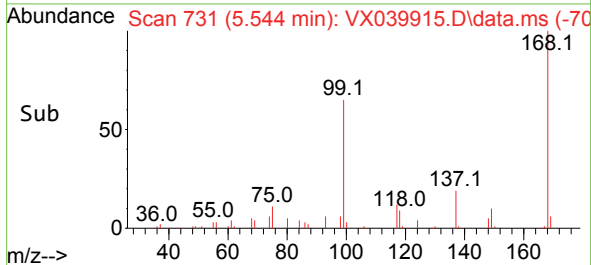
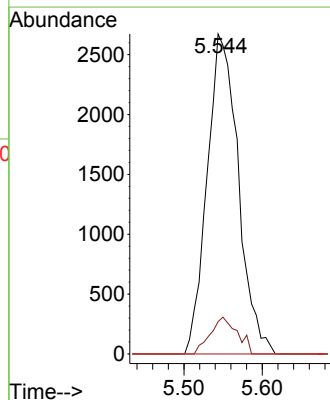
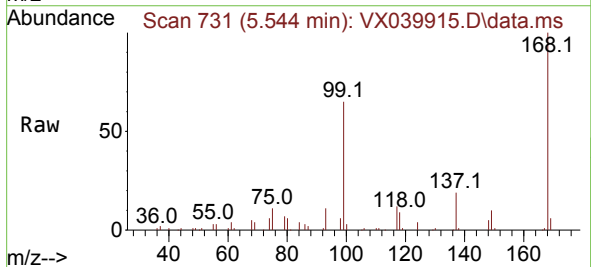
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

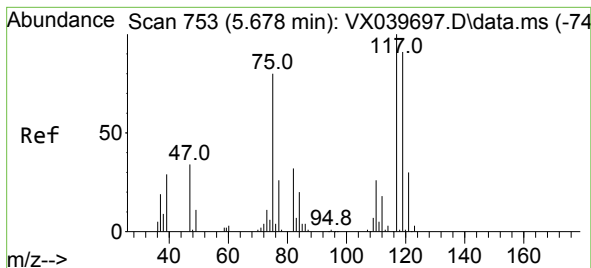
Tgt Ion:113 Resp: 48640
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.798 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039915.D
Acq: 23 Jan 2024 17:26

Tgt Ion: 75 Resp: 7387
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.469 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX039915.D

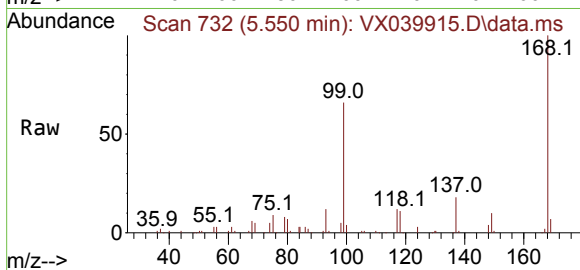
Acq: 23 Jan 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT



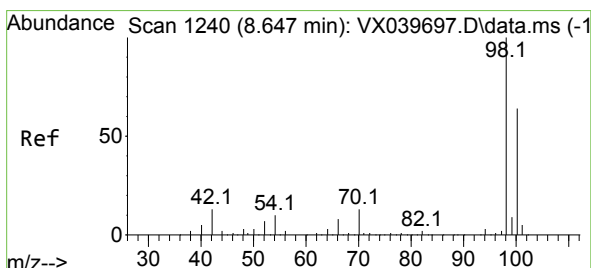
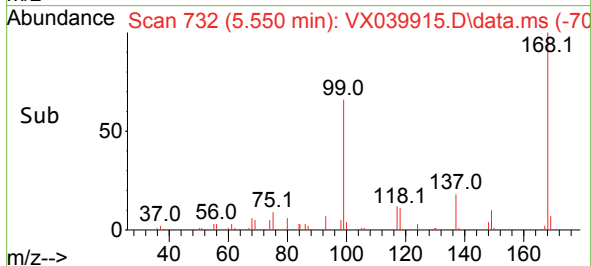
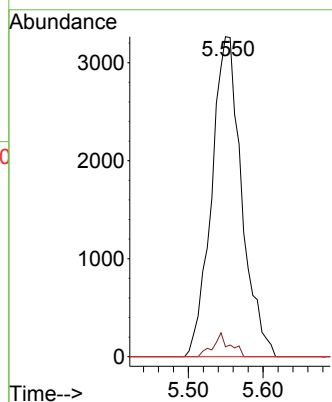
Tgt Ion:117 Resp: 9122

Ion Ratio Lower Upper

117 100

119 3.1 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.167 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039915.D

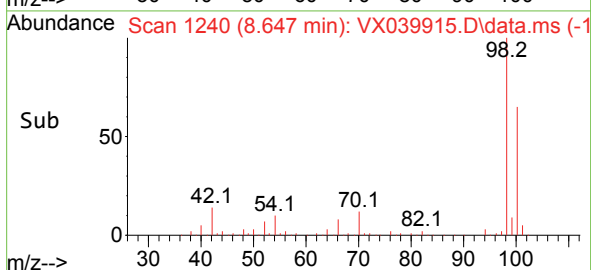
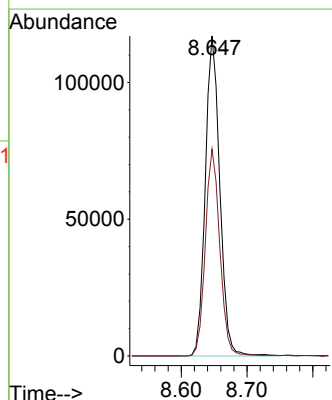
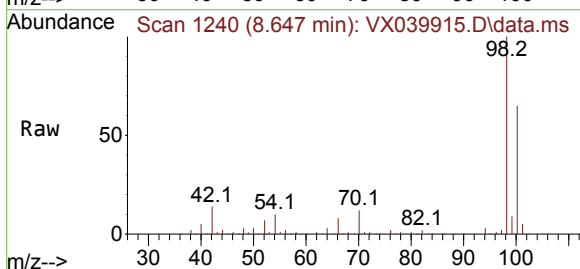
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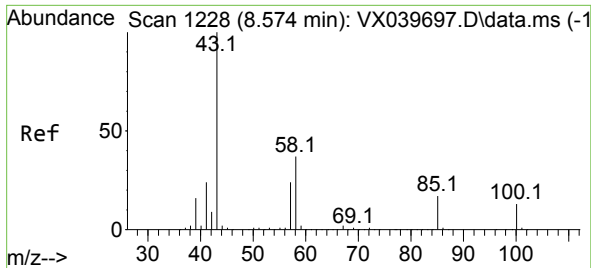
Tgt Ion: 98 Resp: 179689

Ion Ratio Lower Upper

98 100

100 64.5 53.1 79.7

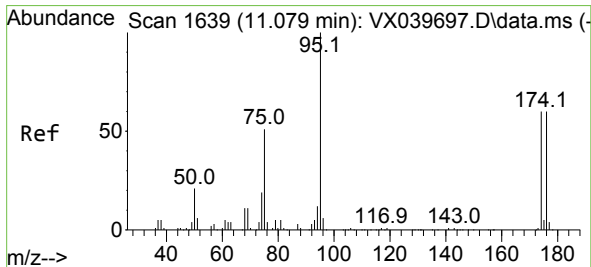
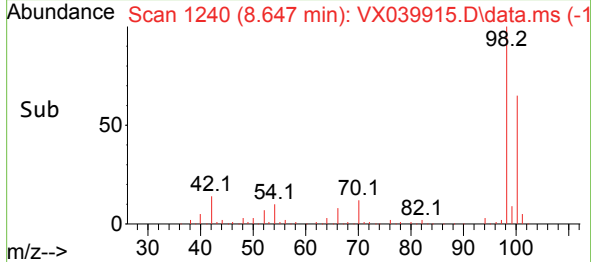
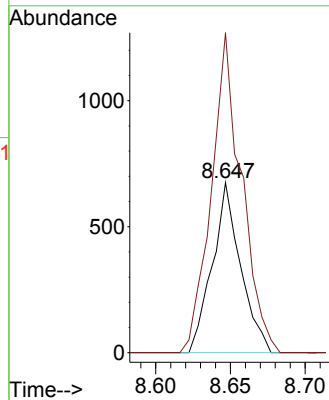
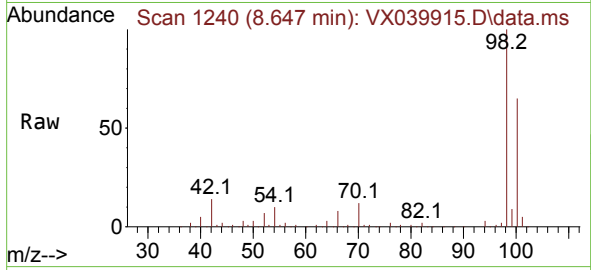




#51
4-Methyl-2-Pentanone
Concen: 0.427 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039915.D
Acq: 23 Jan 2024 17:26

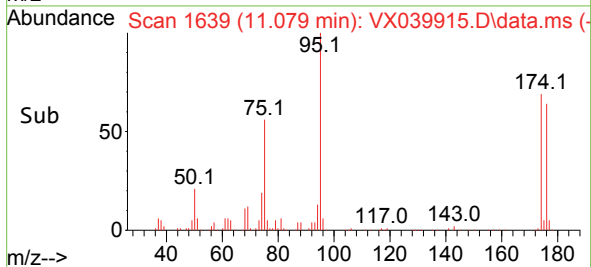
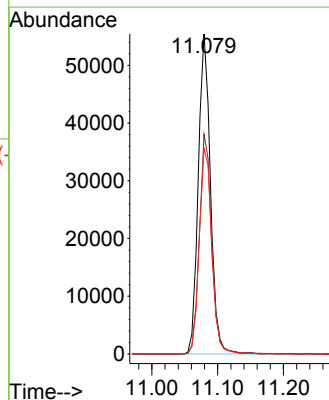
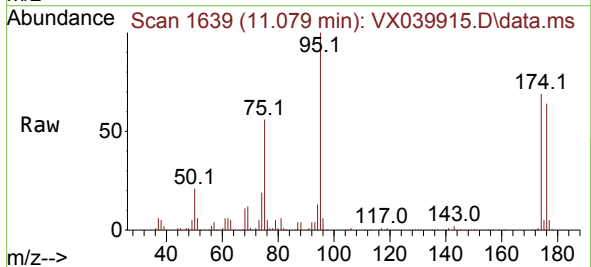
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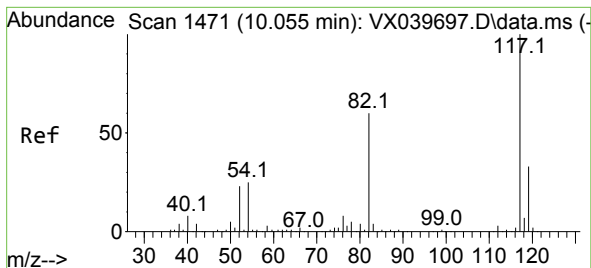
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 201.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039915.D
Acq: 23 Jan 2024 17:26

Tgt Ion: 95 Resp: 71449
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 66.2 0.0 131.0

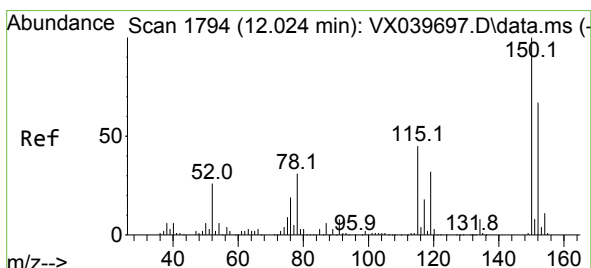
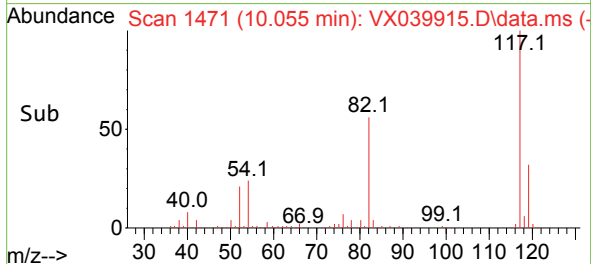
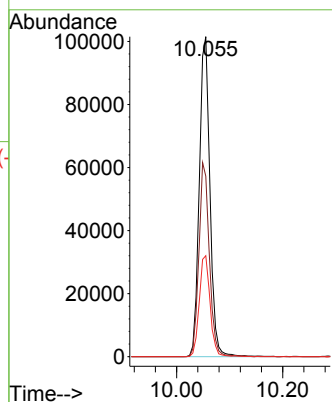
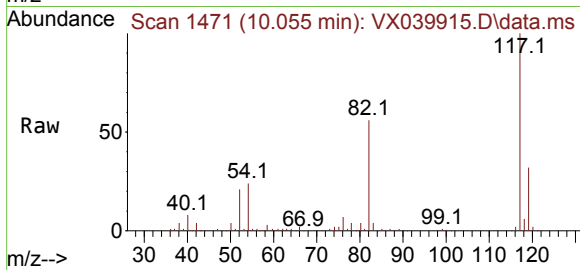




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039915.D
Acq: 23 Jan 2024 17:26

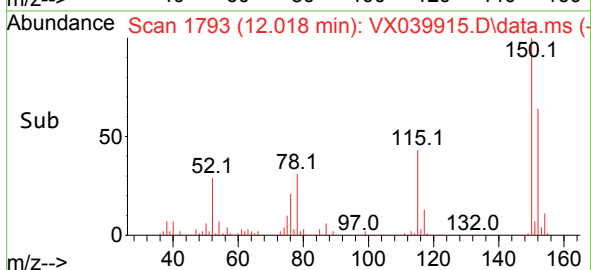
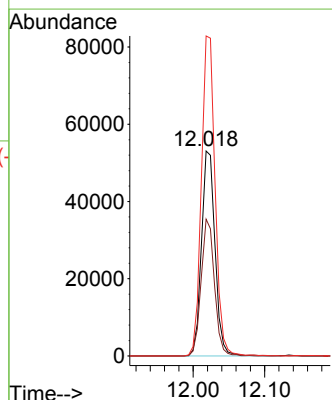
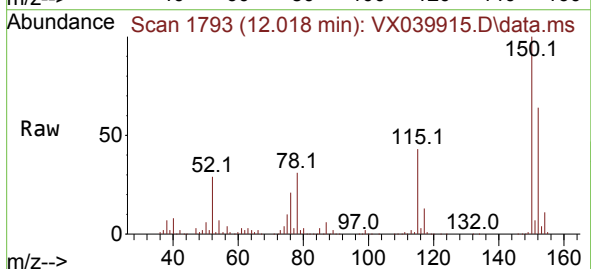
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

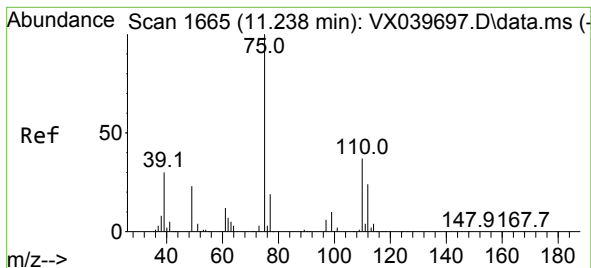
Tgt Ion:117 Resp: 141486
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039915.D
Acq: 23 Jan 2024 17:26

Tgt Ion:152 Resp: 69926
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 158.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.741 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039915.D

Acq: 23 Jan 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

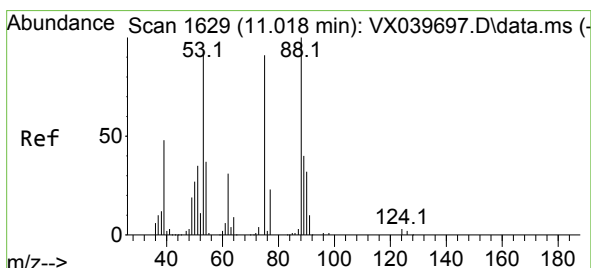
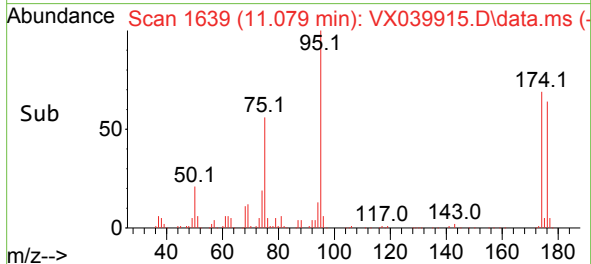
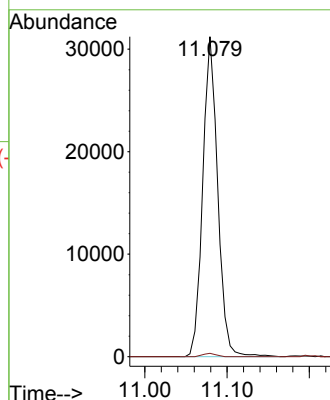
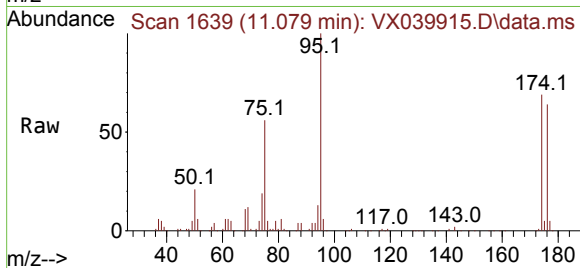
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 39415

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.177 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039915.D

Acq: 23 Jan 2024 17:26

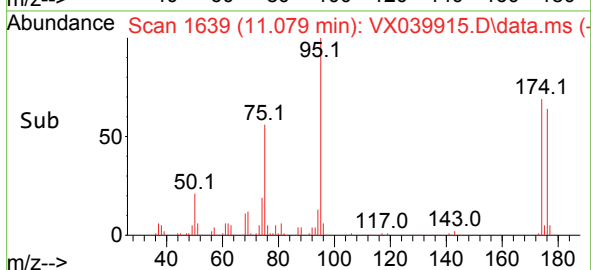
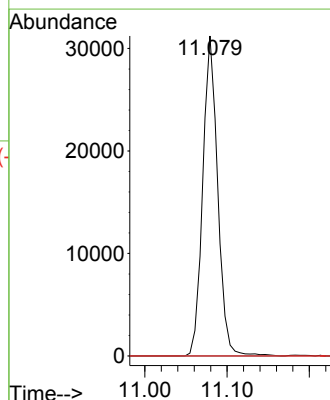
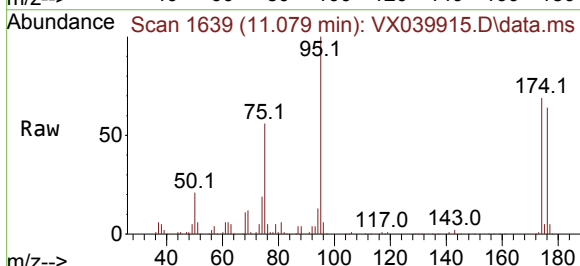
Tgt Ion: 75 Resp: 39415

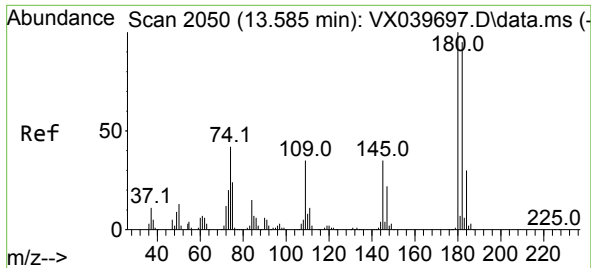
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

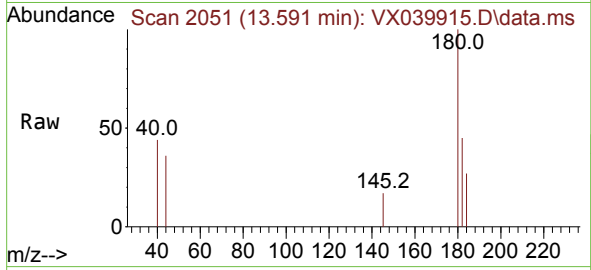
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.233 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX039915.D
 Acq: 23 Jan 2024 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT



Tgt Ion:	180	Resp:	334
Ion	Ratio	Lower	Upper
180	100		
182	99.7	48.3	144.8
145	18.3	18.0	54.0

