

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039882.D
 Acq On : 22 Jan 2024 14:37
 Operator : JC/MD
 Sample : P1186-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 23 00:17:13 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)

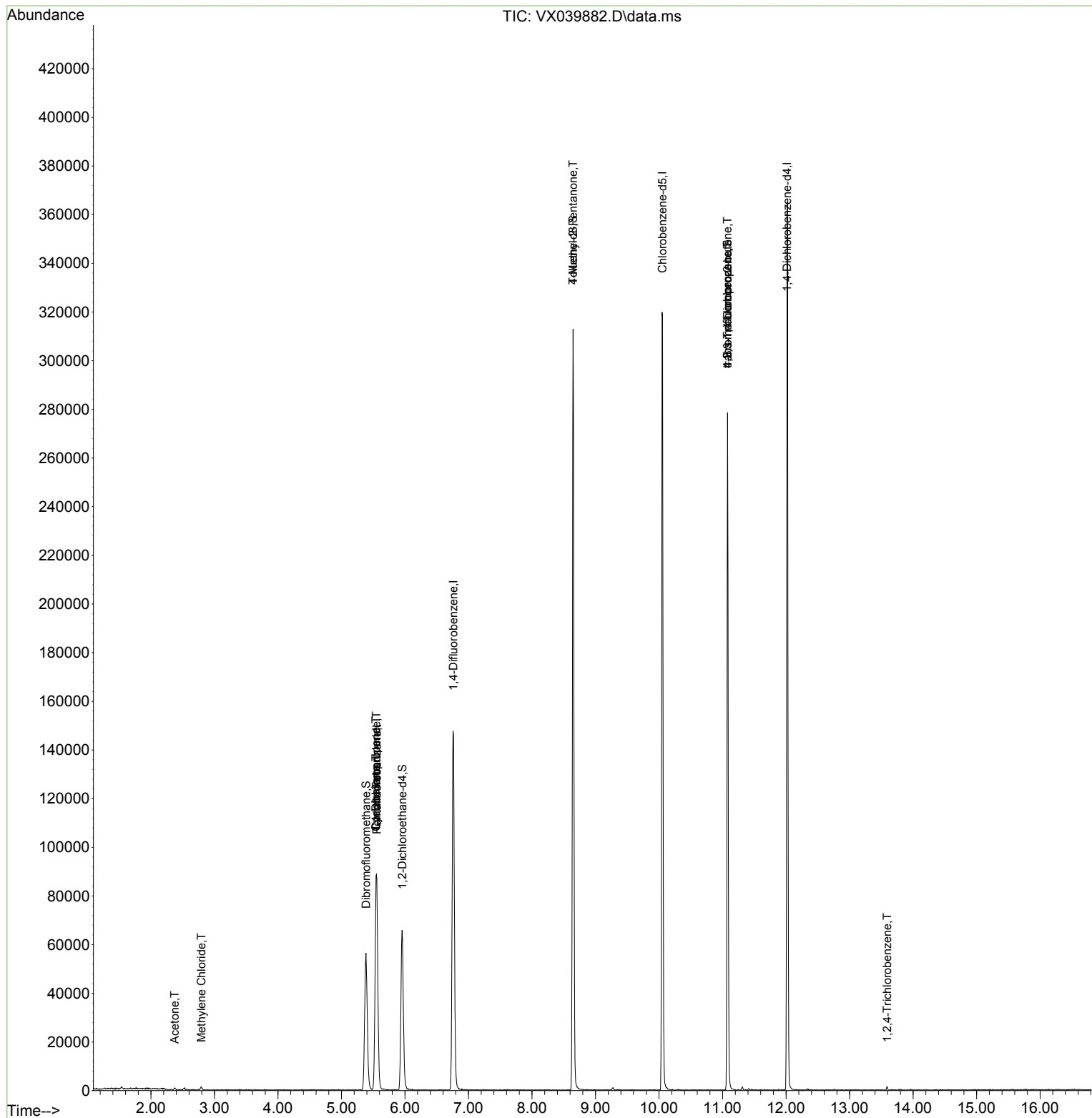
Internal Standards						
1) Pentafluorobenzene	5.556	168	80714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63687	47.103	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.385	113	48765	49.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	8.647	98	181764	48.502	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.000%		
62) 4-Bromofluorobenzene	11.079	95	72168	49.245	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.500%		
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	811	1.067	ug/l	91
20) Methylene Chloride	2.794	84	495	0.430	ug/l #	67
31) Cyclohexane	5.544	56	2232	1.251	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	7752	5.012	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9125	6.442	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	960	0.461	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39386	21.439	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	39386	62.394	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	510	0.351	ug/l	79

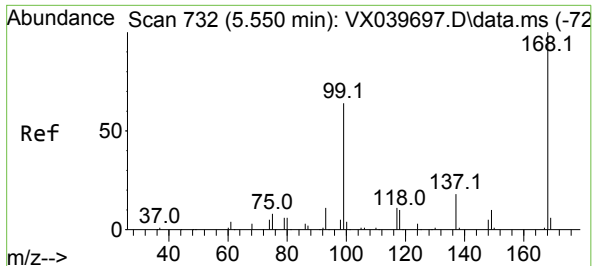
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
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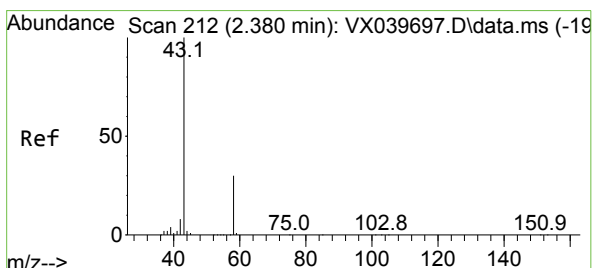
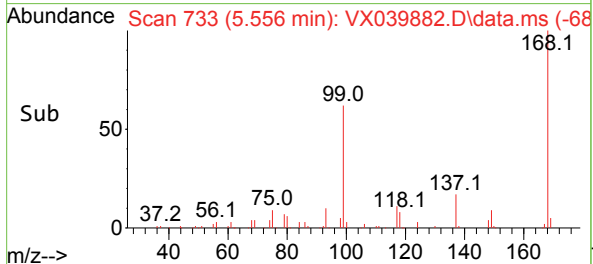
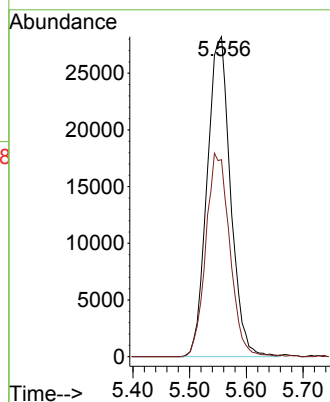
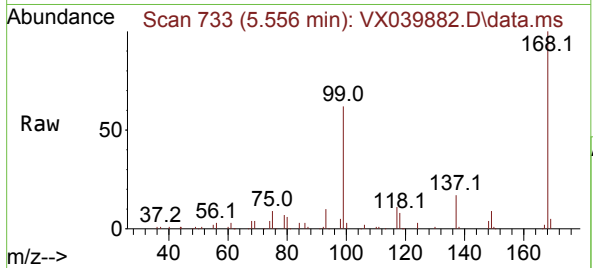




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

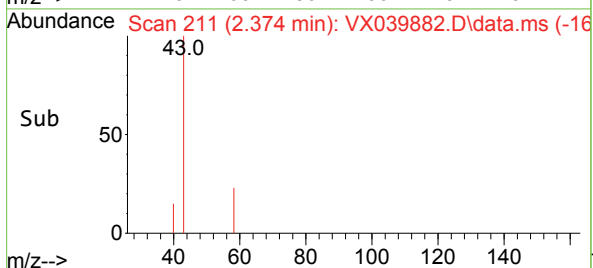
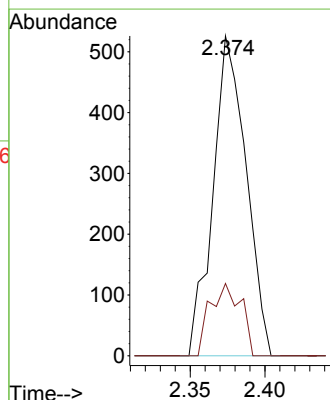
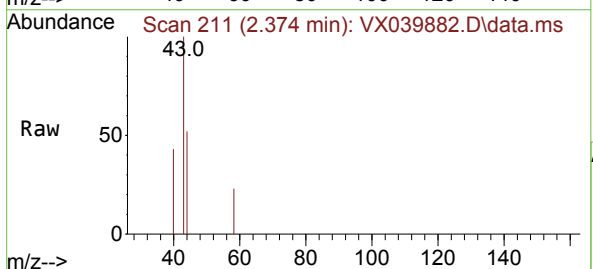
Instrument :
MSVOA_X
ClientSampleId :

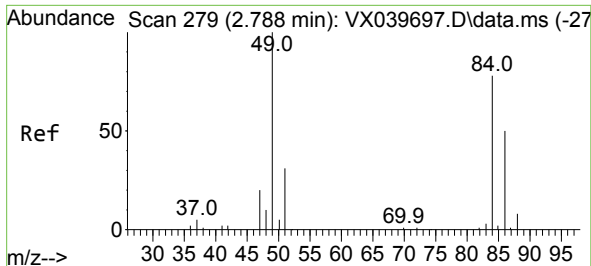
Tgt Ion:168 Resp: 80714
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#16
Acetone
Concen: 1.067 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

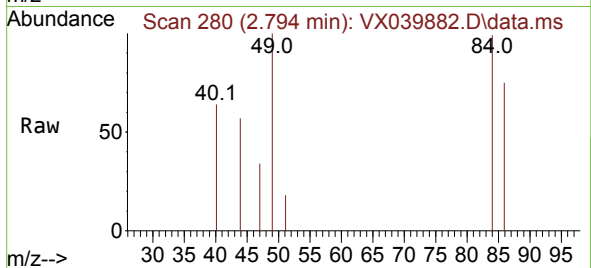
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 22.6 21.9 32.9





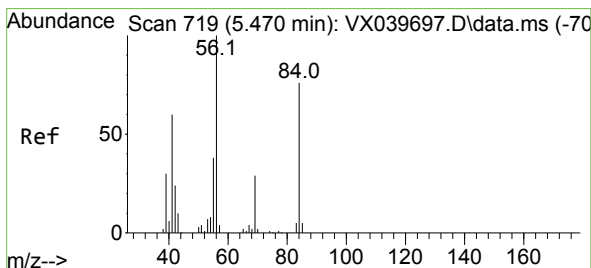
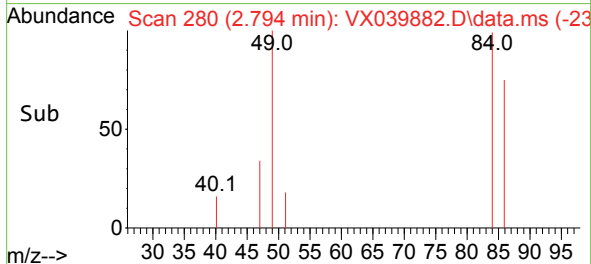
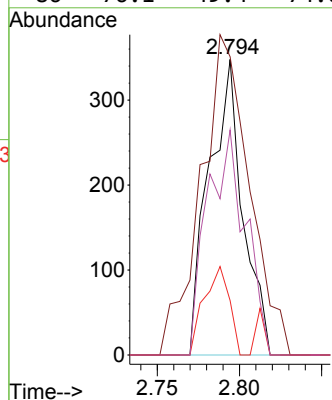
#20
Methylene Chloride
Concen: 0.430 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 495

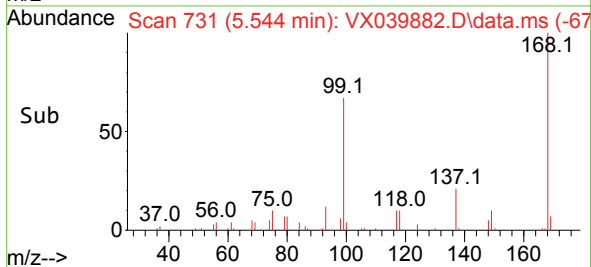
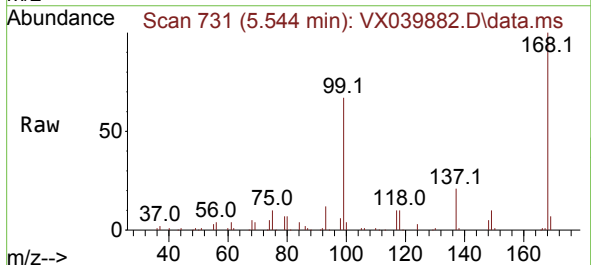
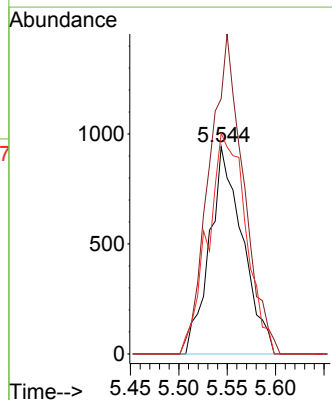
Ion	Ratio	Lower	Upper
84	100		
49	85.6	103.6	155.4#
51	18.4	33.8	50.6#
86	76.1	49.4	74.0#

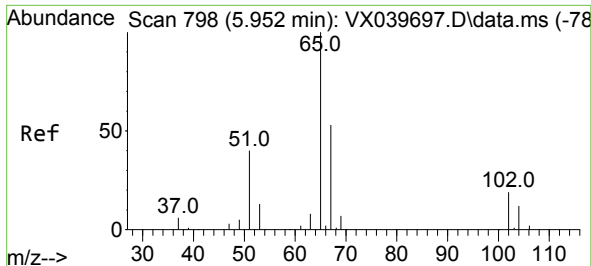


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

Tgt Ion: 56 Resp: 2232

Ion	Ratio	Lower	Upper
56	100		
69	123.1	23.4	35.2#
84	106.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.103 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039882.D

Acq: 22 Jan 2024 14:37

Instrument :

MSVOA_X

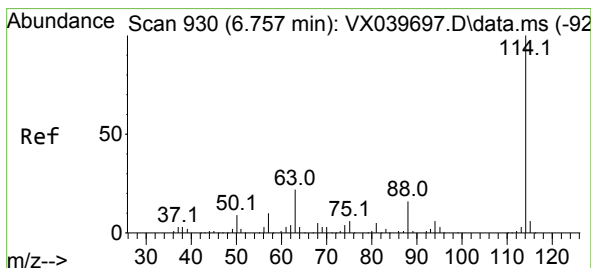
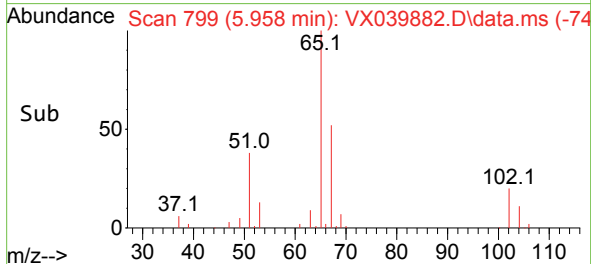
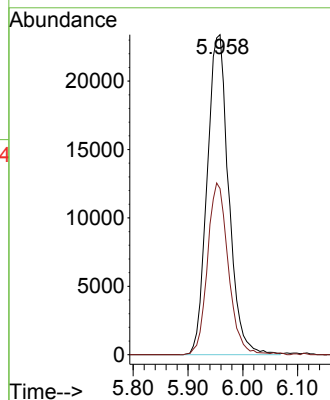
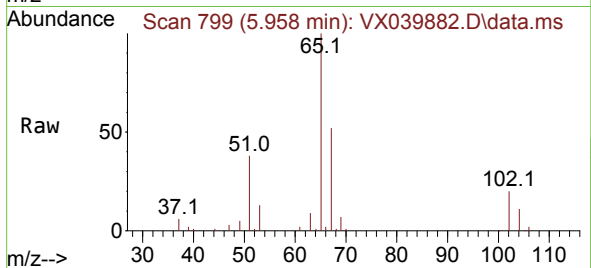
ClientSampleId :

Tgt Ion: 65 Resp: 63687

Ion Ratio Lower Upper

65 100

67 51.9 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: VX039882.D

Acq: 22 Jan 2024 14:37

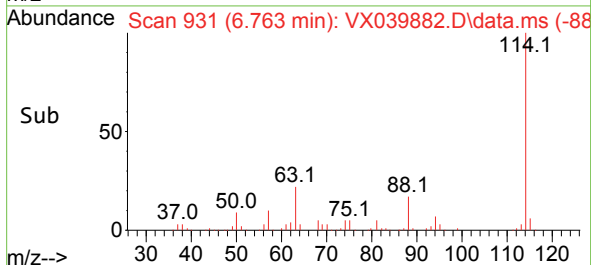
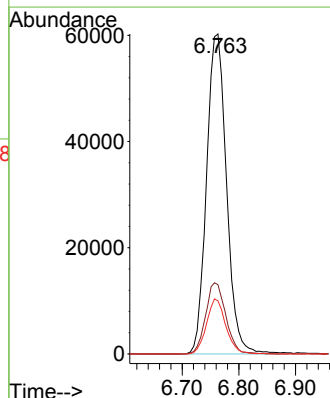
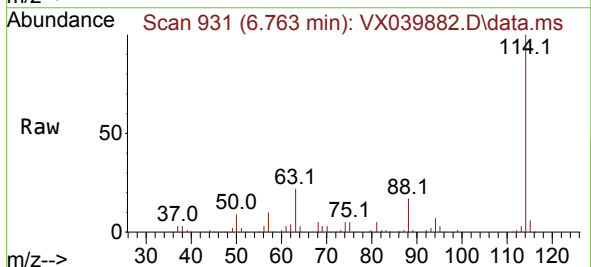
Tgt Ion: 114 Resp: 147524

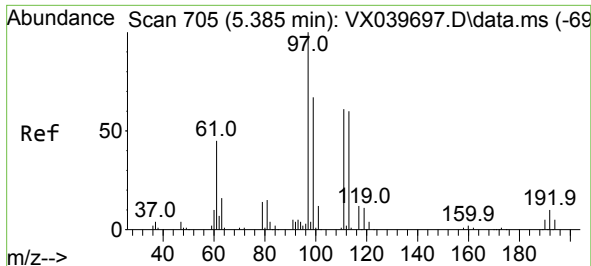
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

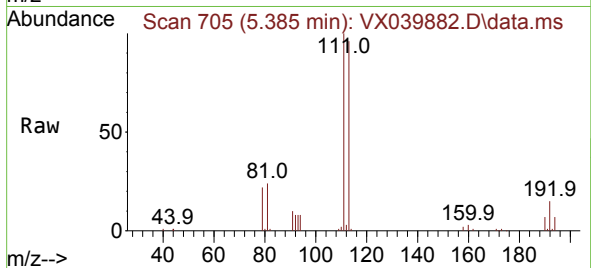
88 16.6 0.0 36.6



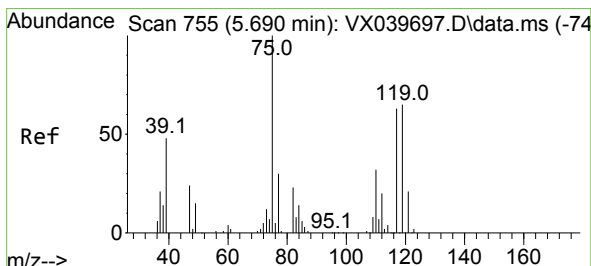
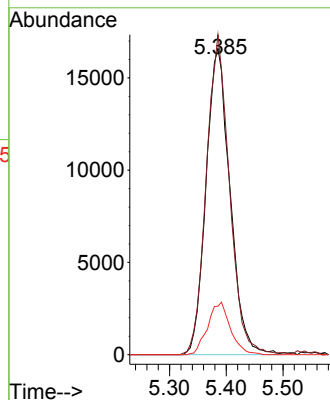
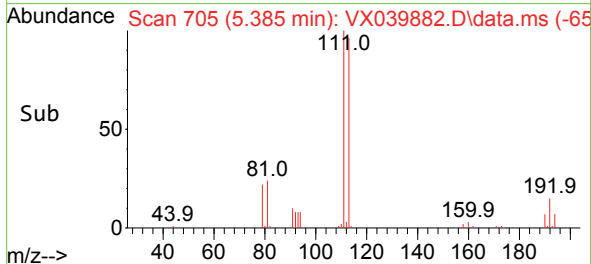


#35
Dibromofluoromethane
Concen: 49.077 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :

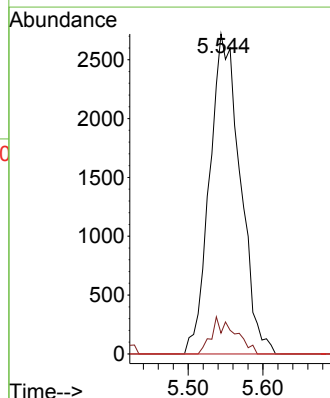
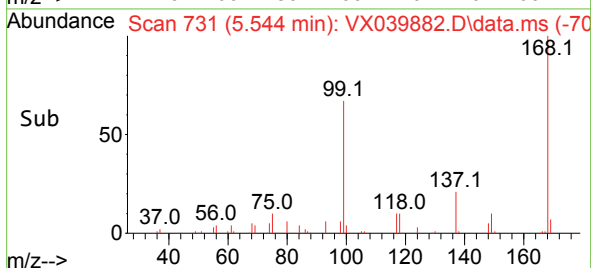
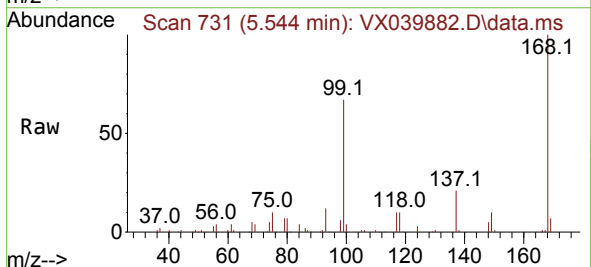


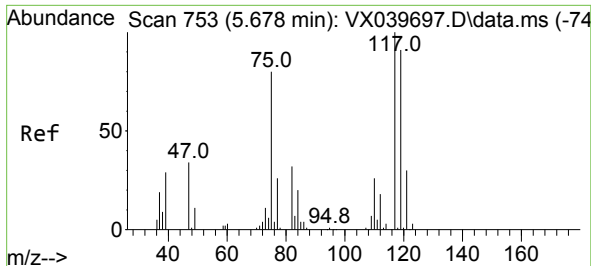
Tgt Ion:113 Resp: 48765
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 16.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

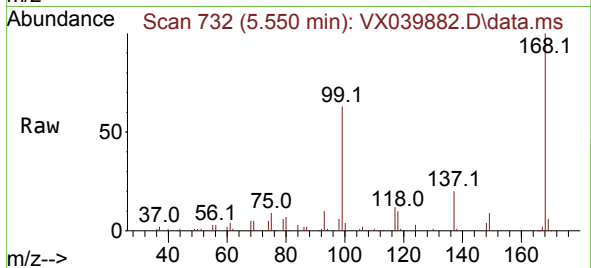
Tgt Ion: 75 Resp: 7752
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



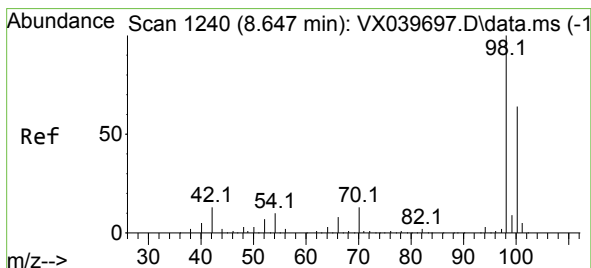
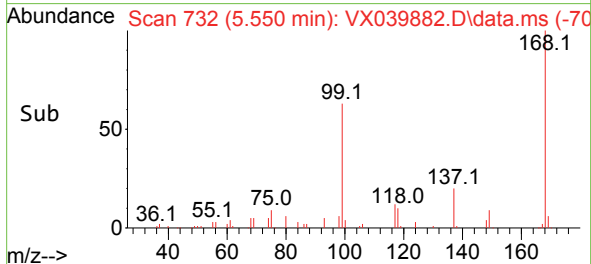
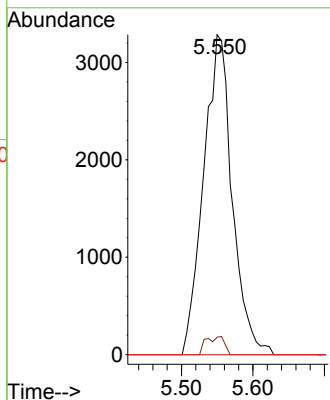


#38
Carbon Tetrachloride
Concen: 6.442 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :

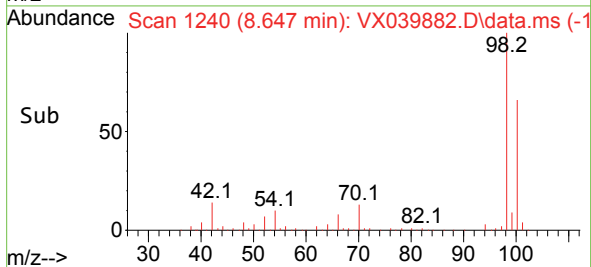
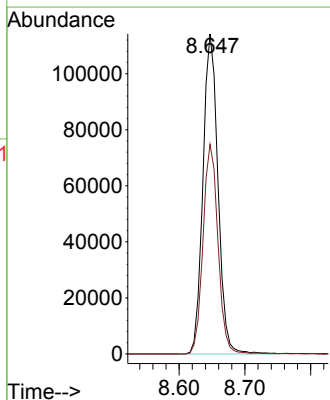
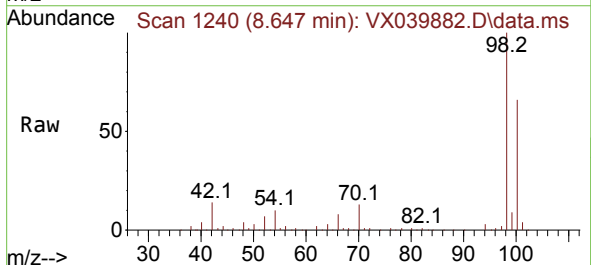


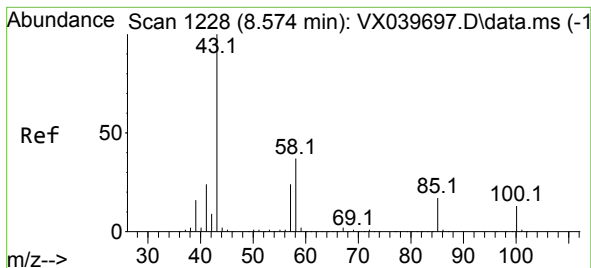
Tgt Ion:117 Resp: 9125
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

Tgt Ion: 98 Resp: 181764
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

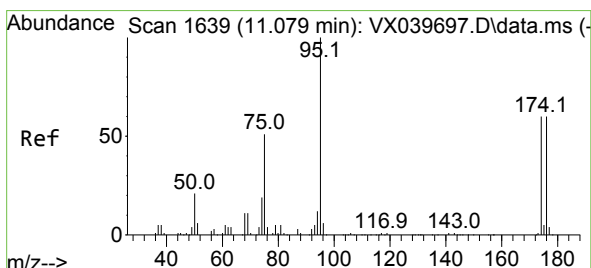
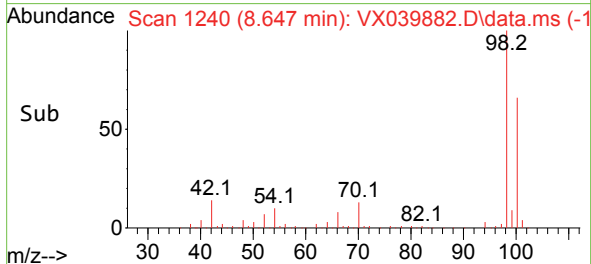
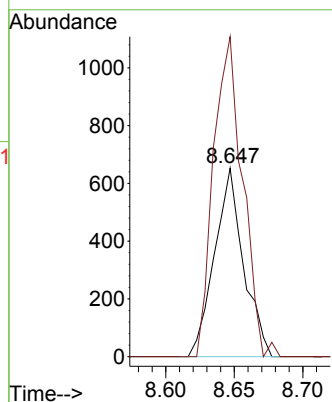
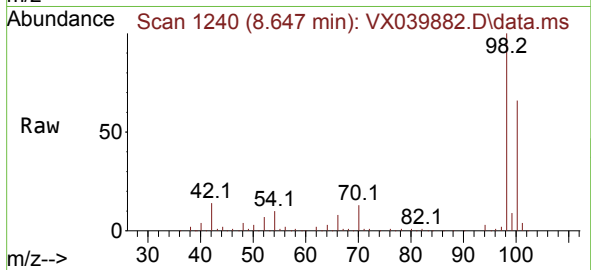




#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

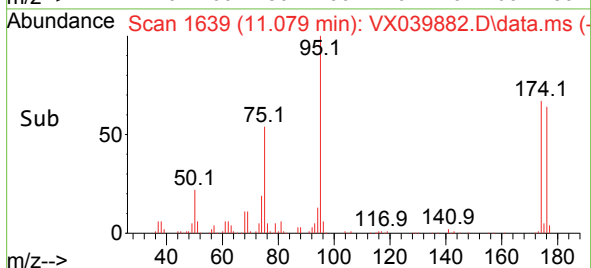
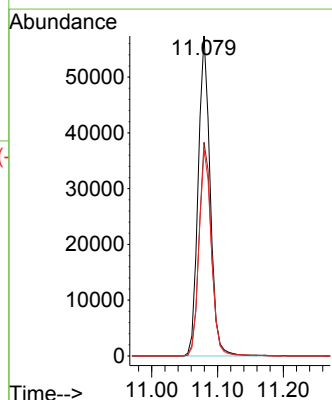
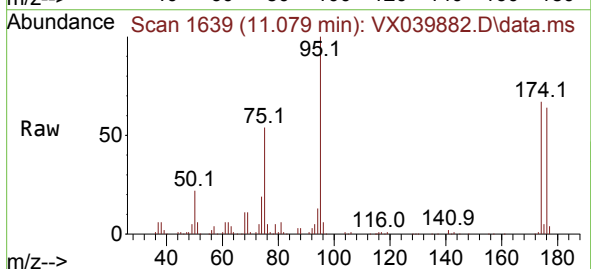
Instrument :
MSVOA_X
ClientSampleId :

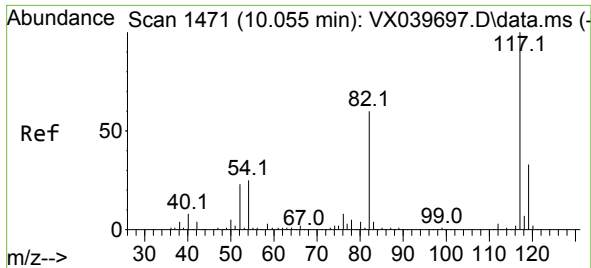
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 170.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.245 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

Tgt Ion: 95 Resp: 72168
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.6
176 66.5 0.0 131.0

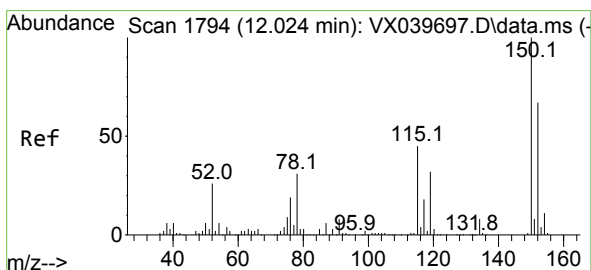
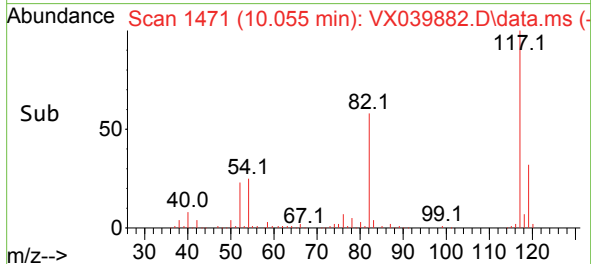
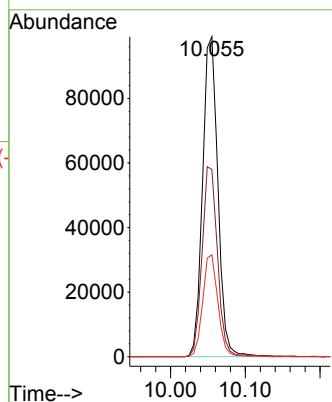
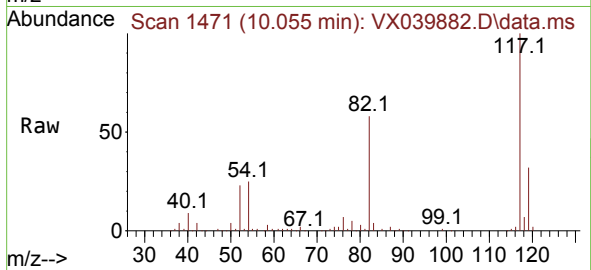




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

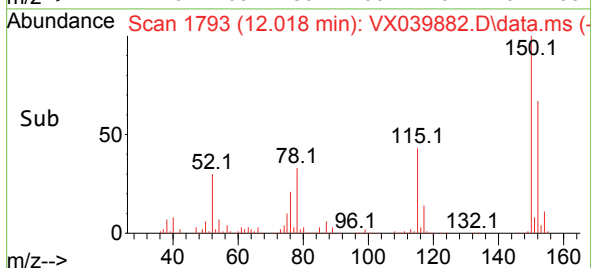
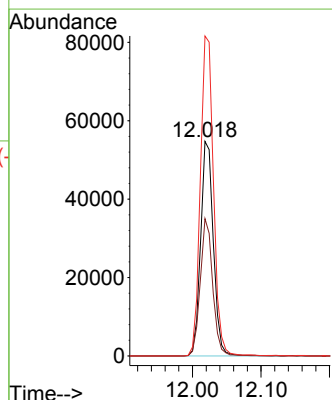
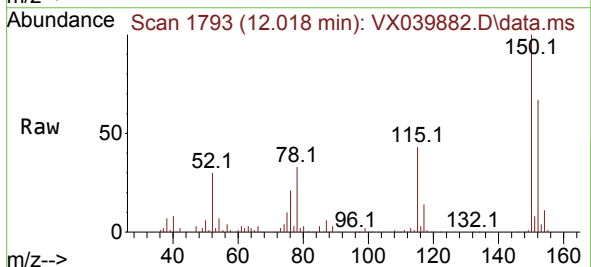
Instrument :
MSVOA_X
ClientSampleId :

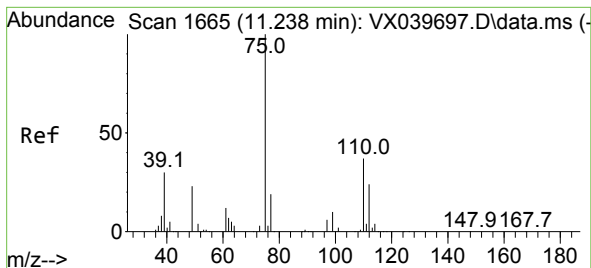
Tgt Ion:117 Resp: 141078
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039882.D
Acq: 22 Jan 2024 14:37

Tgt Ion:152 Resp: 70861
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 153.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.439 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039882.D

Acq: 22 Jan 2024 14:37

Instrument :

MSVOA_X

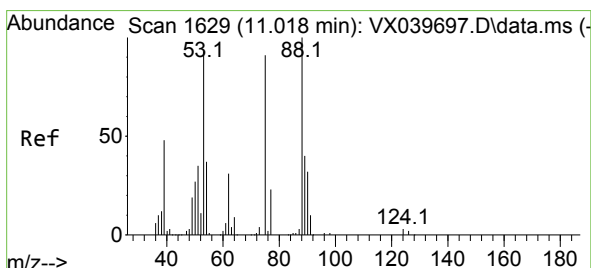
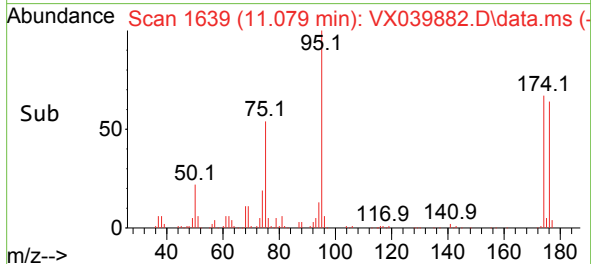
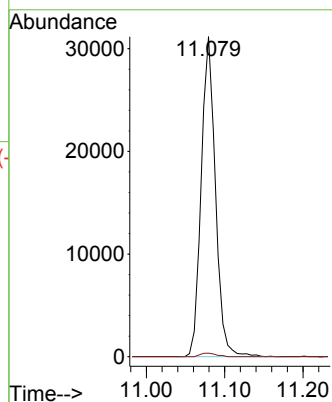
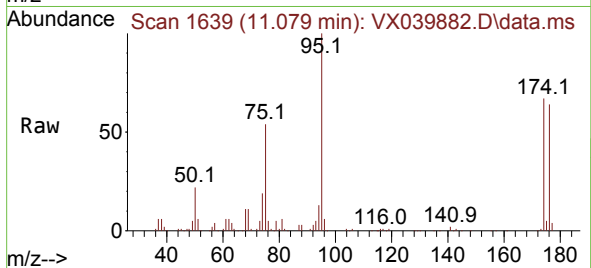
ClientSampleId :

Tgt Ion: 75 Resp: 39386

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.394 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039882.D

Acq: 22 Jan 2024 14:37

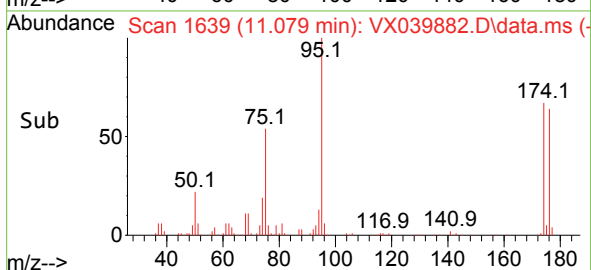
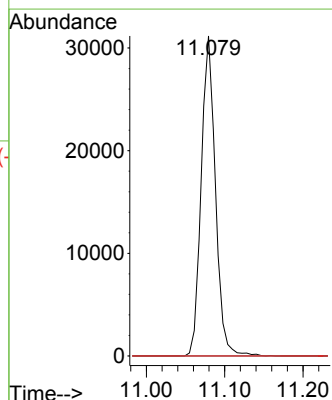
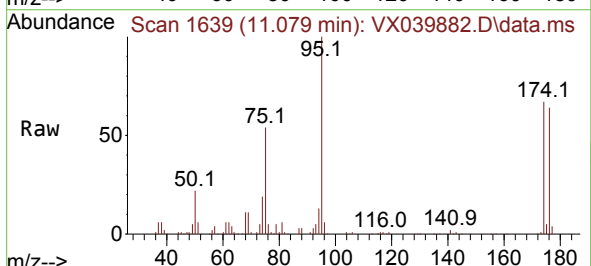
Tgt Ion: 75 Resp: 39386

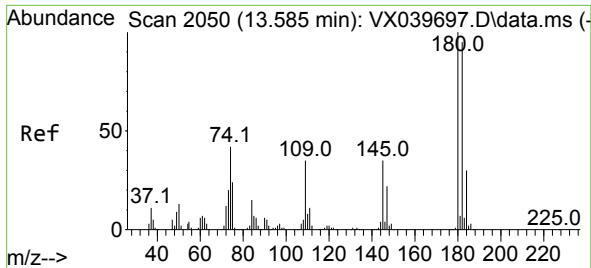
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.351 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

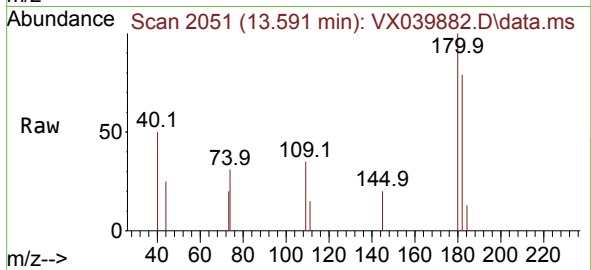
Lab File: VX039882.D

Acq: 22 Jan 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 510

Ion Ratio Lower Upper

180 100

182 76.5 48.3 144.8

145 22.9 18.0 54.0

