

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039433.D
 Acq On : 22 Dec 2023 12:35
 Operator : JC/MD
 Sample : VX1222WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:22:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

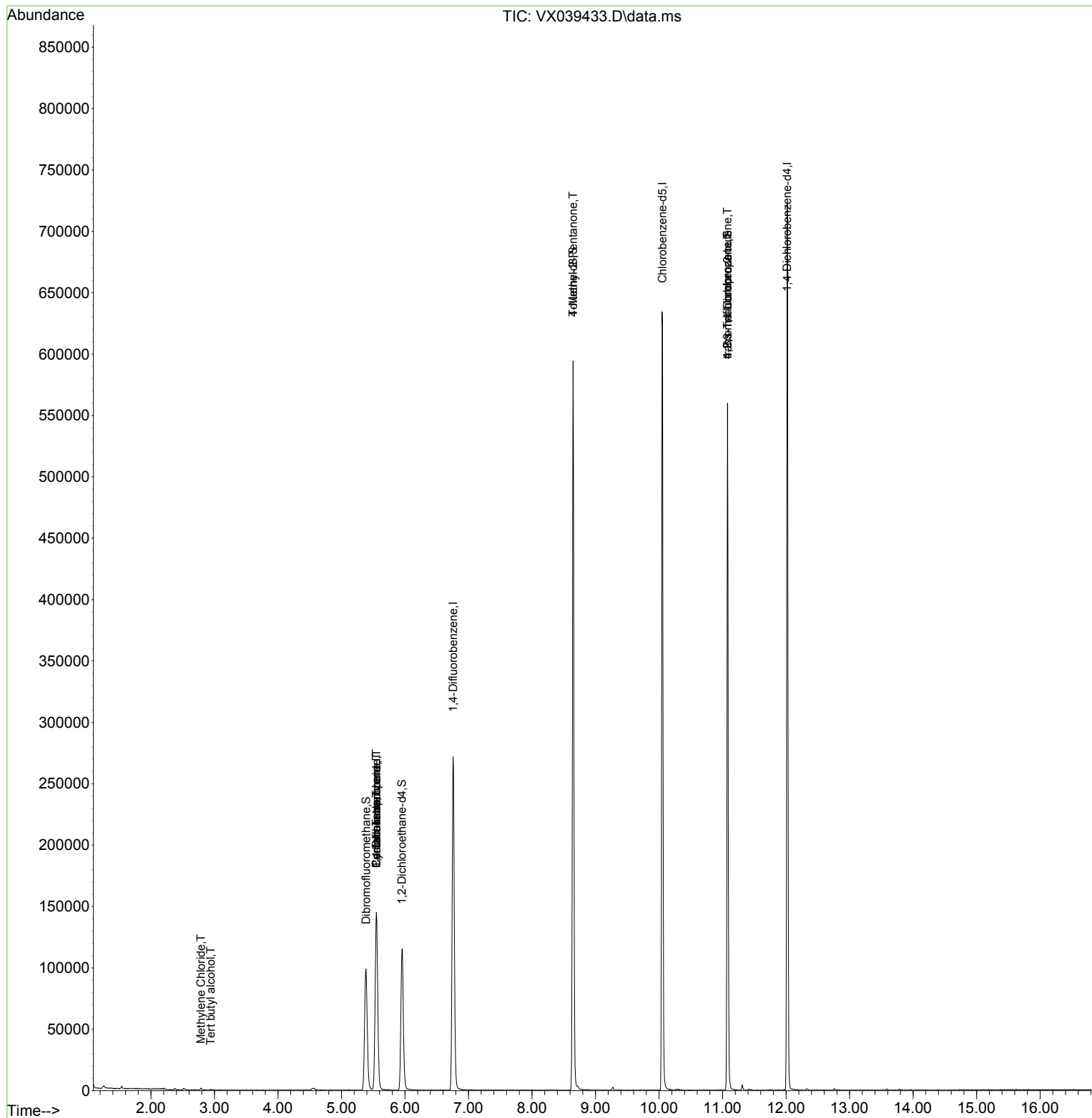
Internal Standards						
1) Pentafluorobenzene	5.550	168	122653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	261775	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	136403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111321	49.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.080%
35) Dibromofluoromethane	5.385	113	86390	47.770	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	336968	50.189	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.380%
62) 4-Bromofluorobenzene	11.079	95	150176	54.212	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	393	0.697	ug/l #	78
16) Acetone	2.374	43	1384	Below Cal		95
20) Methylene Chloride	2.788	84	690	0.368	ug/l	96
31) Cyclohexane	5.550	56	3836	1.322	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12053	4.223	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14442	5.303	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1744	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	83672	23.710	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	83672	66.886	ug/l #	5

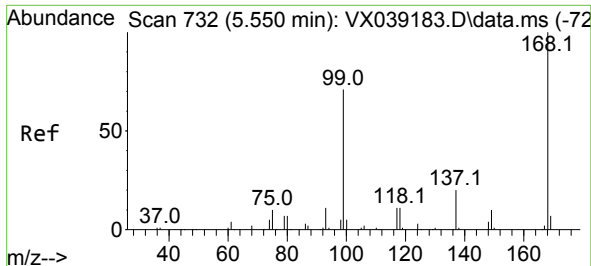
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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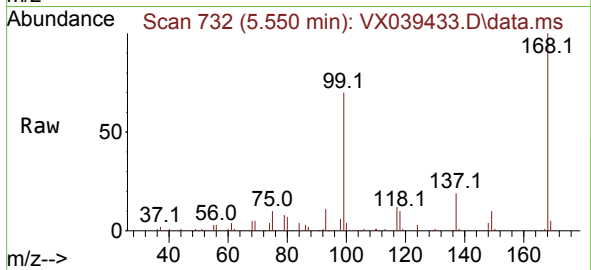
Quant Time: Dec 23 06:22:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
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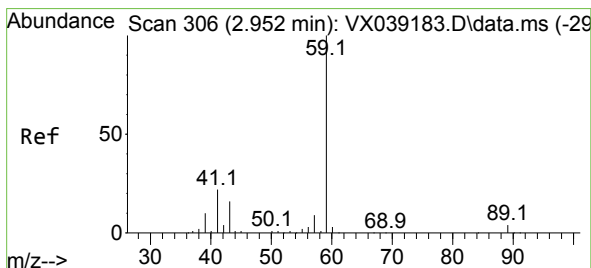
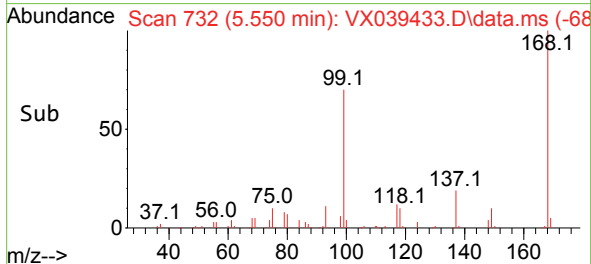
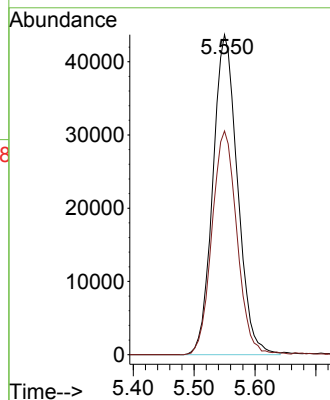


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

Instrument :
MSVOA_X
ClientSampleId :

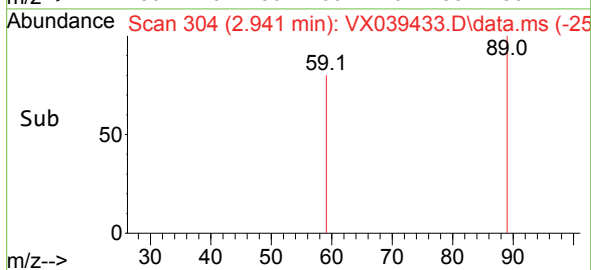
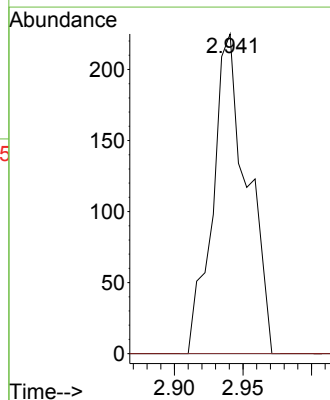
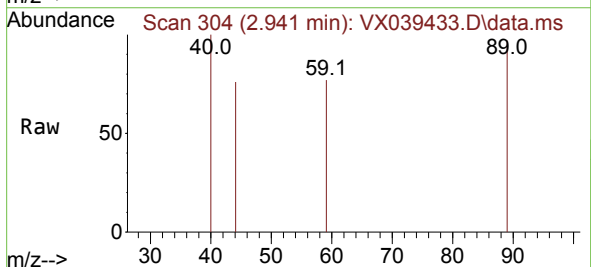


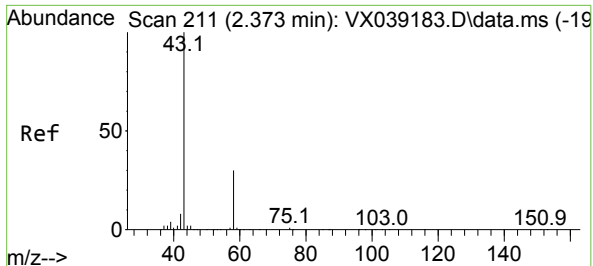
Tgt Ion:168 Resp: 122653
Ion Ratio Lower Upper
168 100
99 69.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.697 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

Tgt Ion: 59 Resp: 393
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

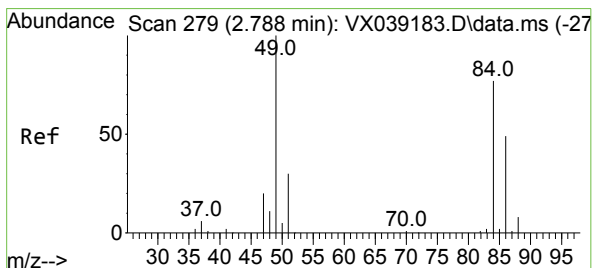
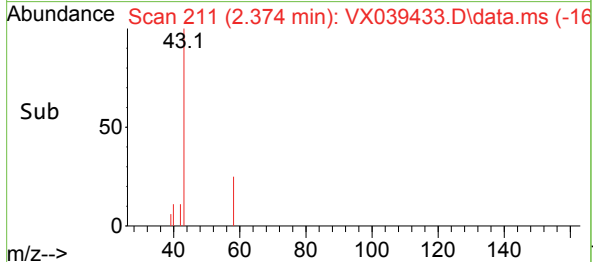
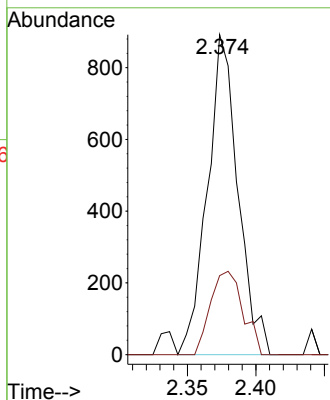
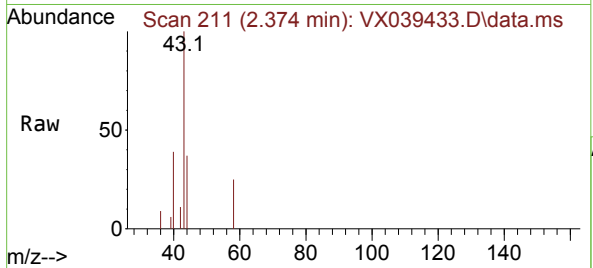




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

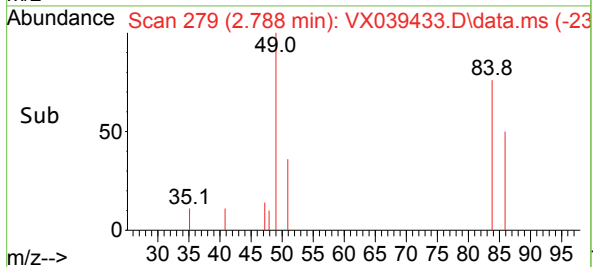
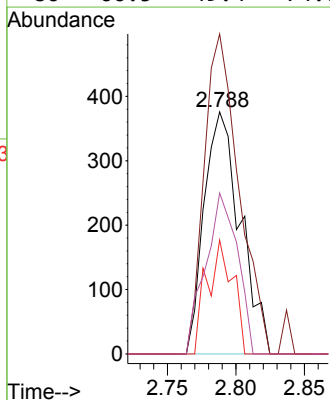
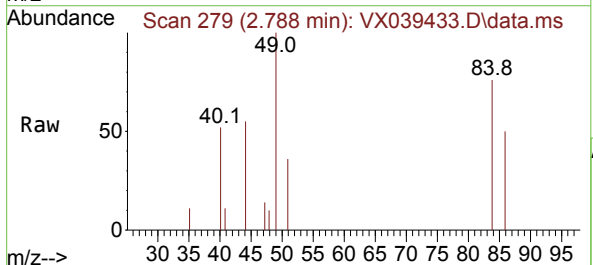
Instrument :
MSVOA_X
ClientSampleId :

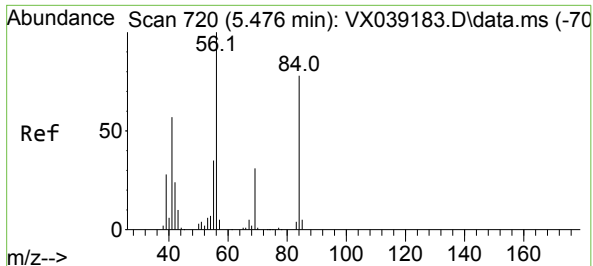
Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
58 24.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

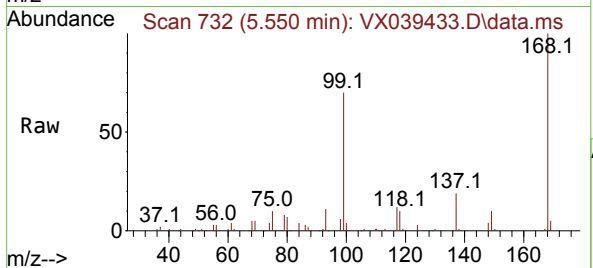
Tgt Ion: 84 Resp: 690
Ion Ratio Lower Upper
84 100
49 132.2 103.6 155.4
51 47.1 33.8 50.6
86 66.5 49.4 74.0



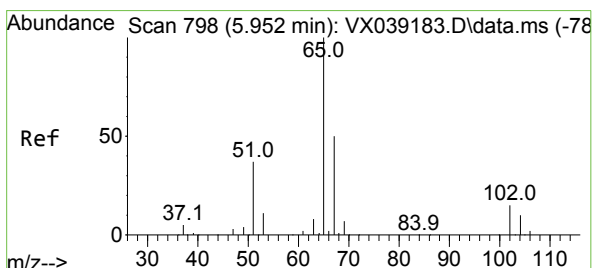
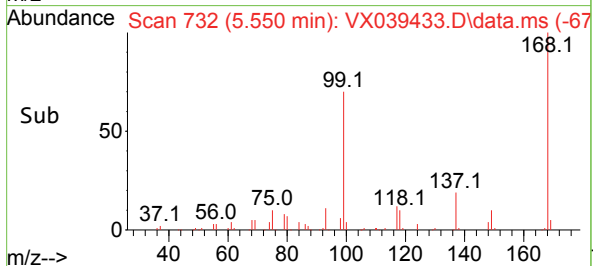
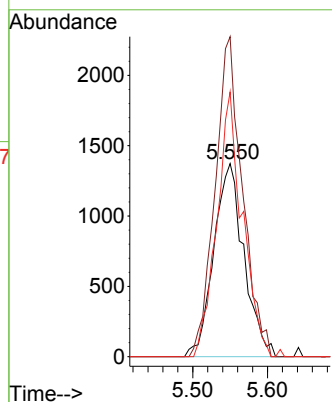


#31
Cyclohexane
Concen: 1.322 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

Instrument :
MSVOA_X
ClientSampleId :

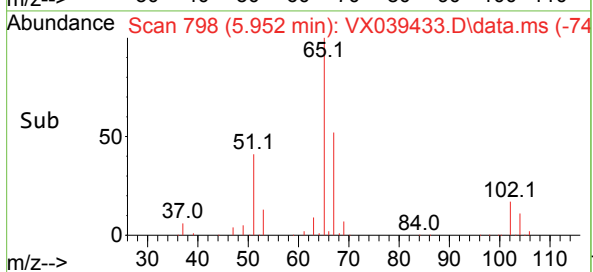
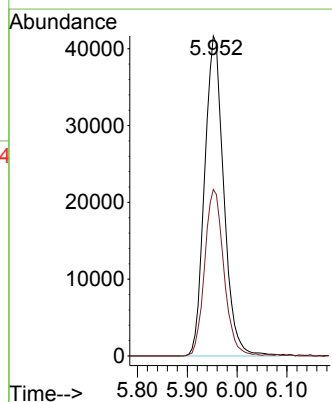
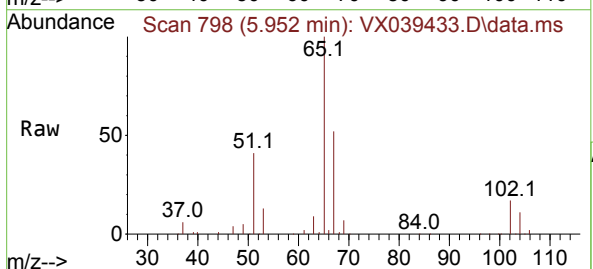


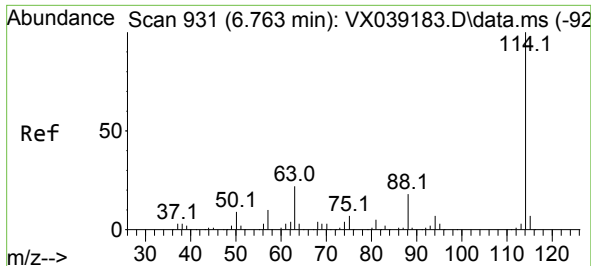
Tgt Ion: 56 Resp: 3836
Ion Ratio Lower Upper
56 100
69 165.7 23.4 35.2#
84 137.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.544 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

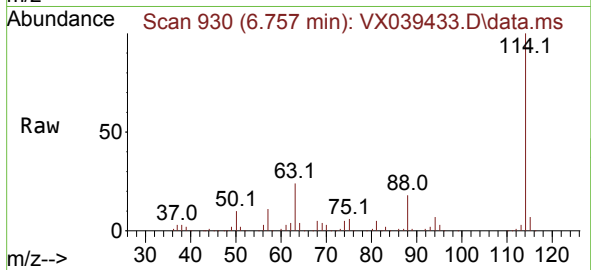
Tgt Ion: 65 Resp: 111321
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2



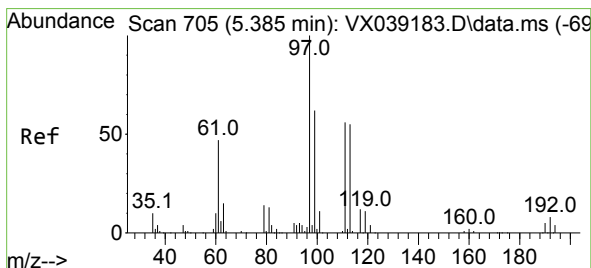
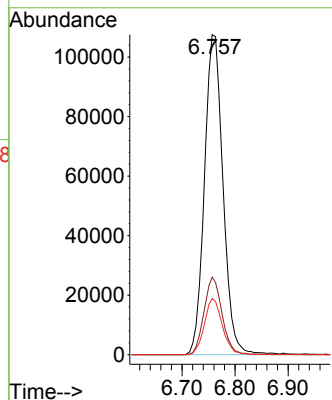
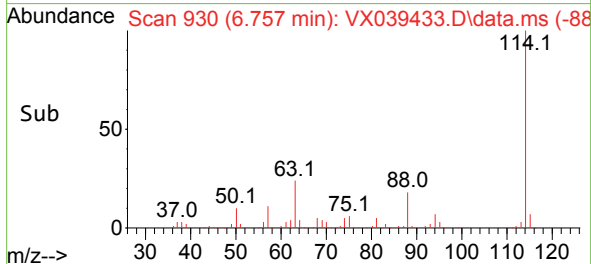


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

Instrument :
MSVOA_X
ClientSampleId :

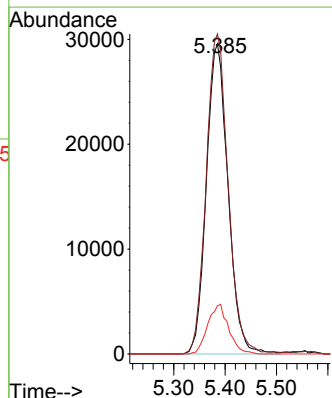
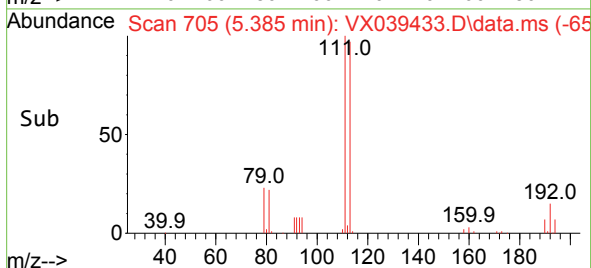
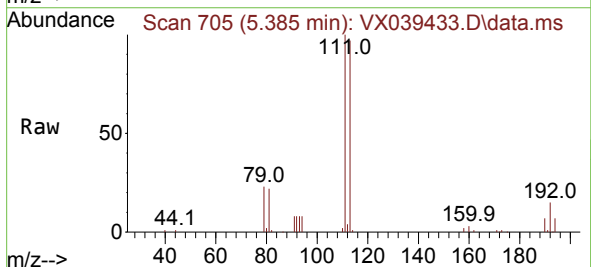


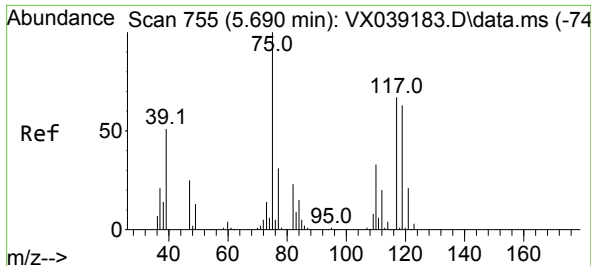
Tgt Ion:114 Resp: 261775
Ion Ratio Lower Upper
114 100
63 24.2 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.770 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

Tgt Ion:113 Resp: 86390
Ion Ratio Lower Upper
113 100
111 105.0 82.9 124.3
192 15.4 13.3 19.9

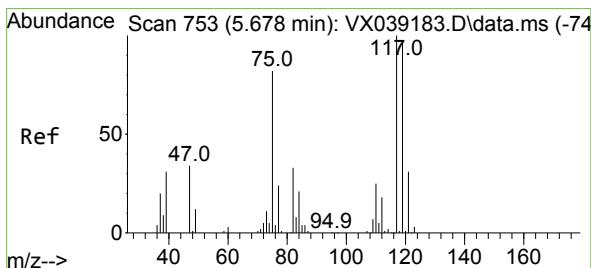
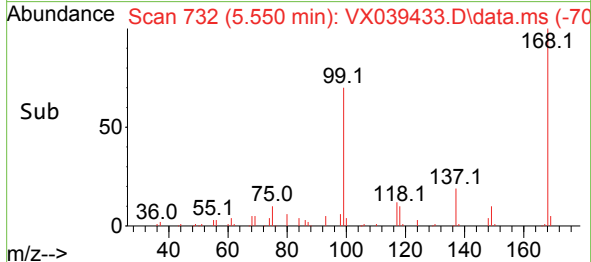
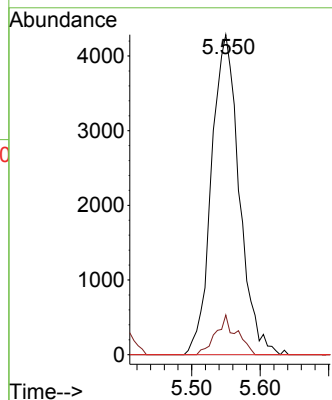
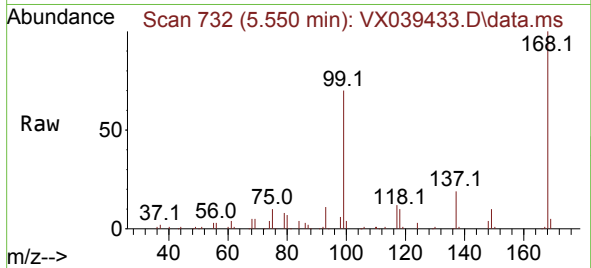




#36
1,1-Dichloropropene
Concen: 4.223 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

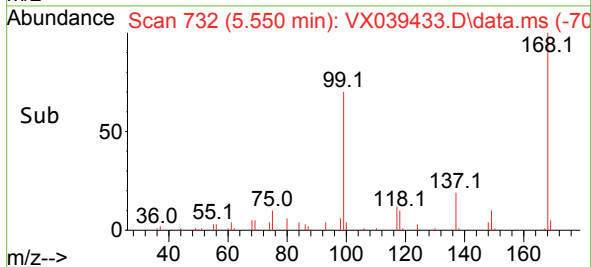
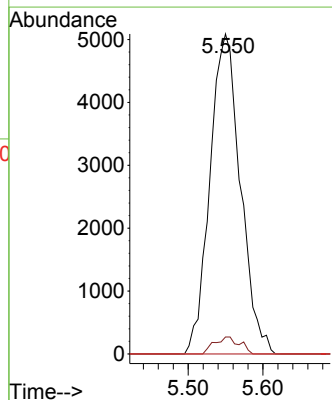
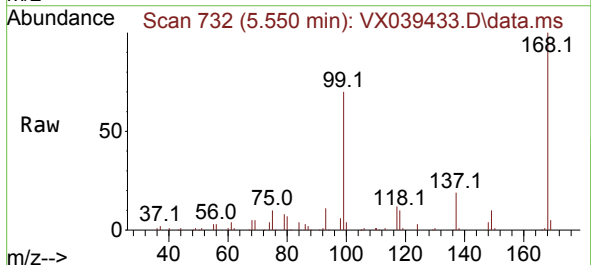
Instrument :
MSVOA_X
ClientSampleId :

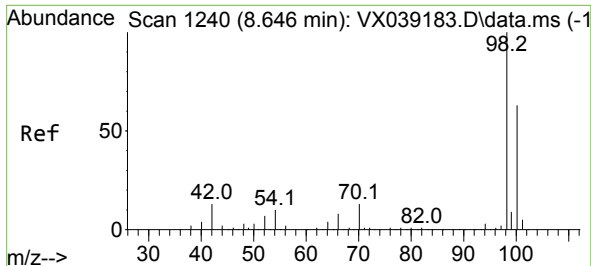
Tgt Ion: 75 Resp: 12053
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.303 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

Tgt Ion: 117 Resp: 14442
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 50.189 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039433.D

Acq: 22 Dec 2023 12:35

Instrument :

MSVOA_X

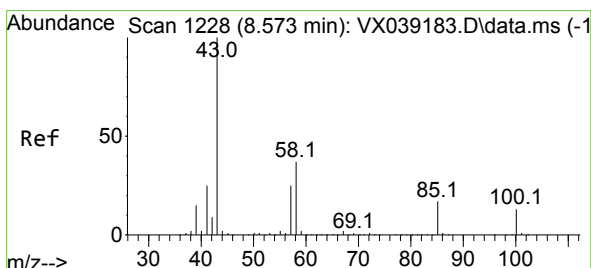
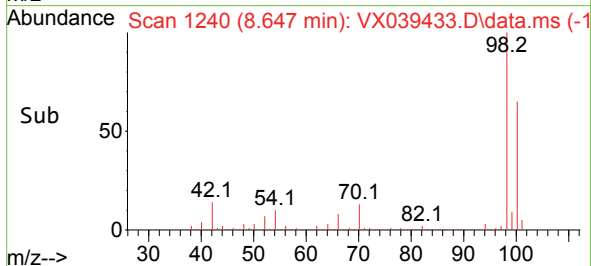
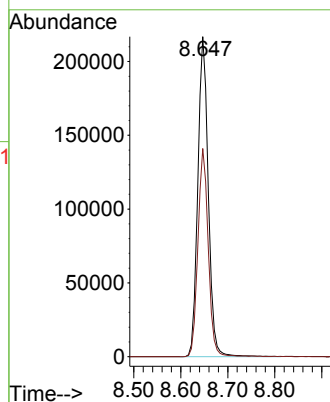
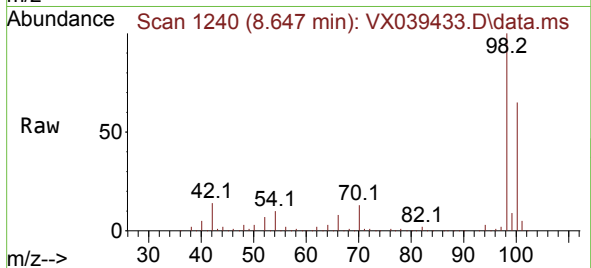
ClientSampleId :

Tgt Ion: 98 Resp: 336968

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.477 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX039433.D

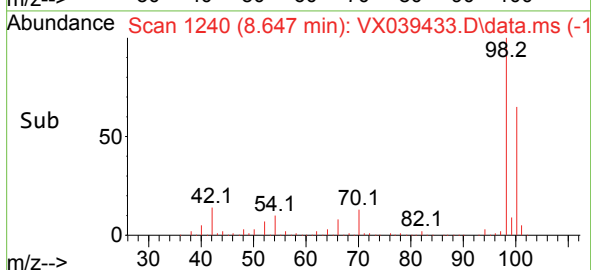
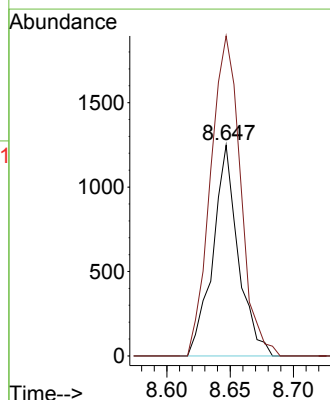
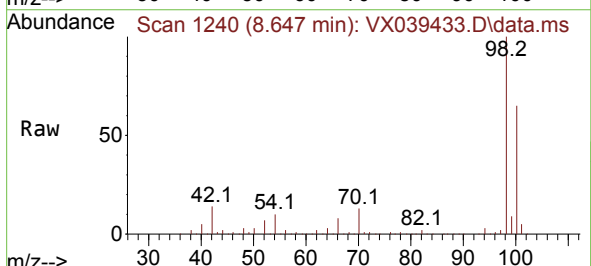
Acq: 22 Dec 2023 12:35

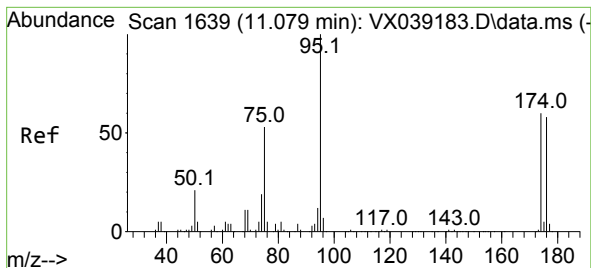
Tgt Ion: 43 Resp: 1744

Ion Ratio Lower Upper

43 100

58 179.2 30.4 45.6#

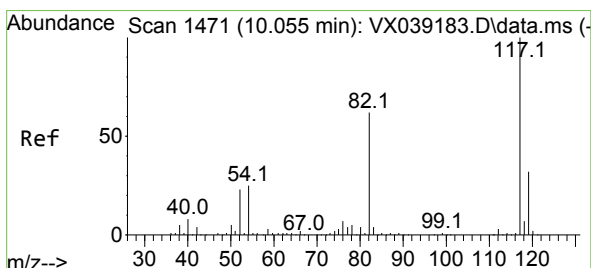
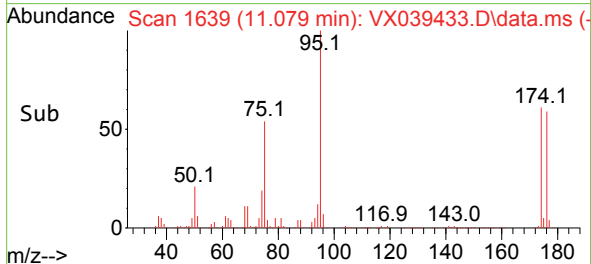
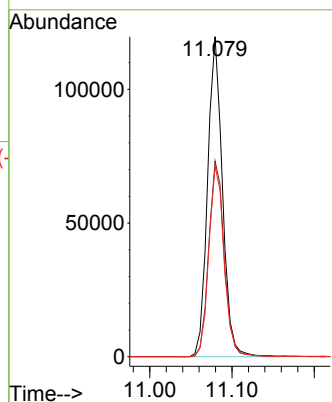
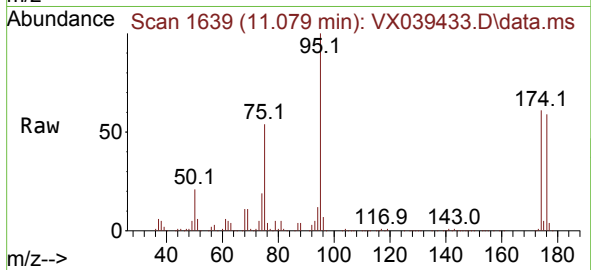




#62
4-Bromofluorobenzene
Concen: 54.212 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

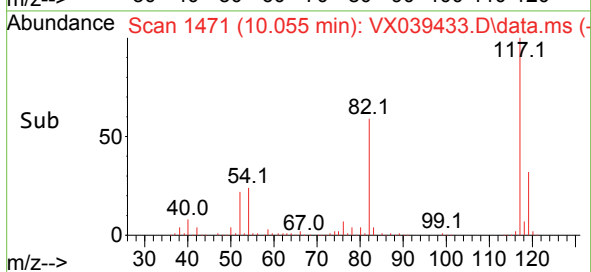
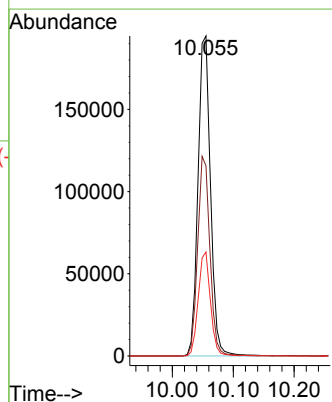
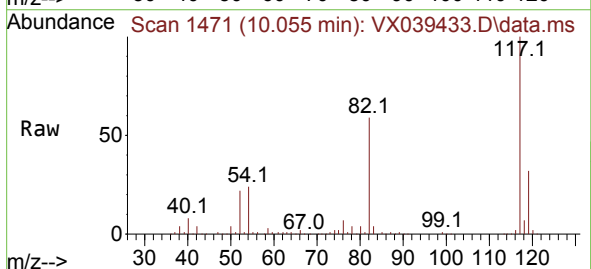
Instrument :
MSVOA_X
ClientSampleId :

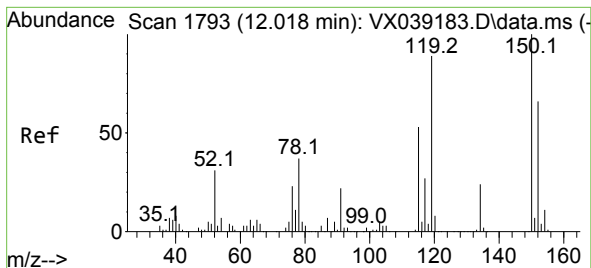
Tgt Ion: 95 Resp: 150176
Ion Ratio Lower Upper
95 100
174 63.8 0.0 135.6
176 61.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039433.D
Acq: 22 Dec 2023 12:35

Tgt Ion: 117 Resp: 276869
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039433.D

Acq: 22 Dec 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

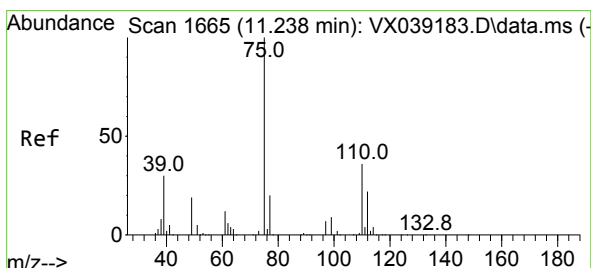
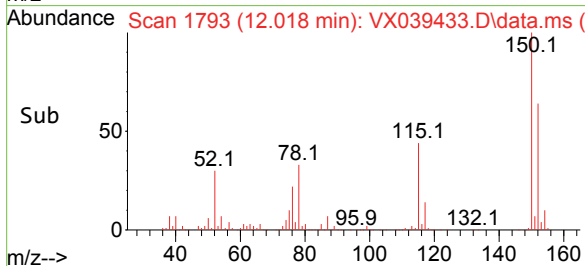
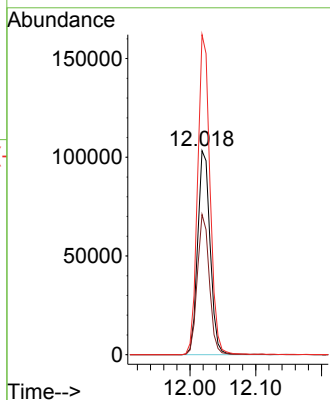
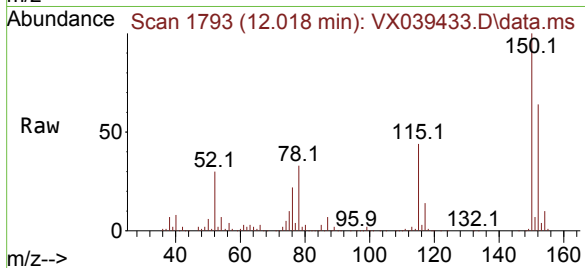
Tgt Ion:152 Resp: 136403

Ion Ratio Lower Upper

152 100

115 66.2 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.710 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039433.D

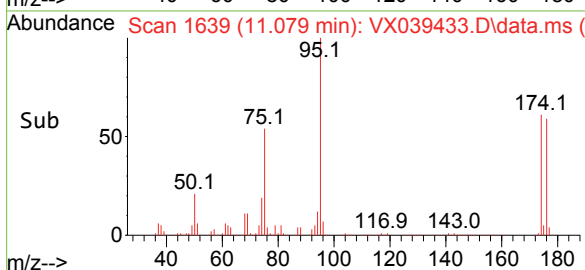
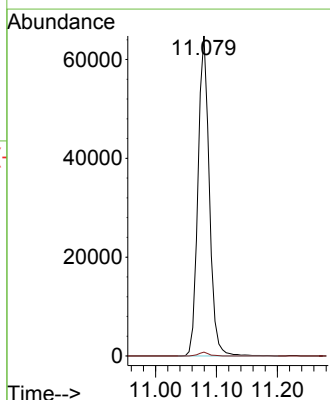
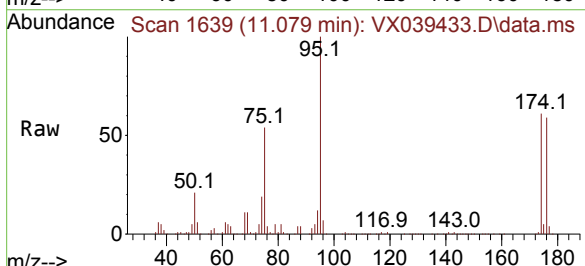
Acq: 22 Dec 2023 12:35

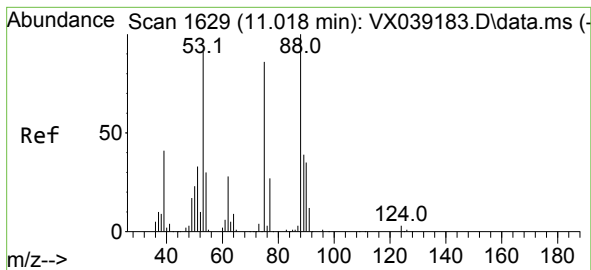
Tgt Ion: 75 Resp: 83672

Ion Ratio Lower Upper

75 100

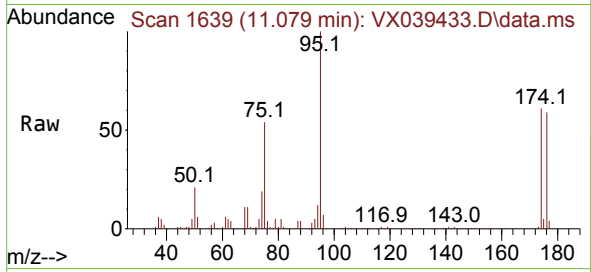
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.886 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039433.D
 Acq: 22 Dec 2023 12:35

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 83672
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

