

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039445.D
 Acq On : 22 Dec 2023 17:12
 Operator : JC/MD
 Sample : 05966-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:27:40 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)

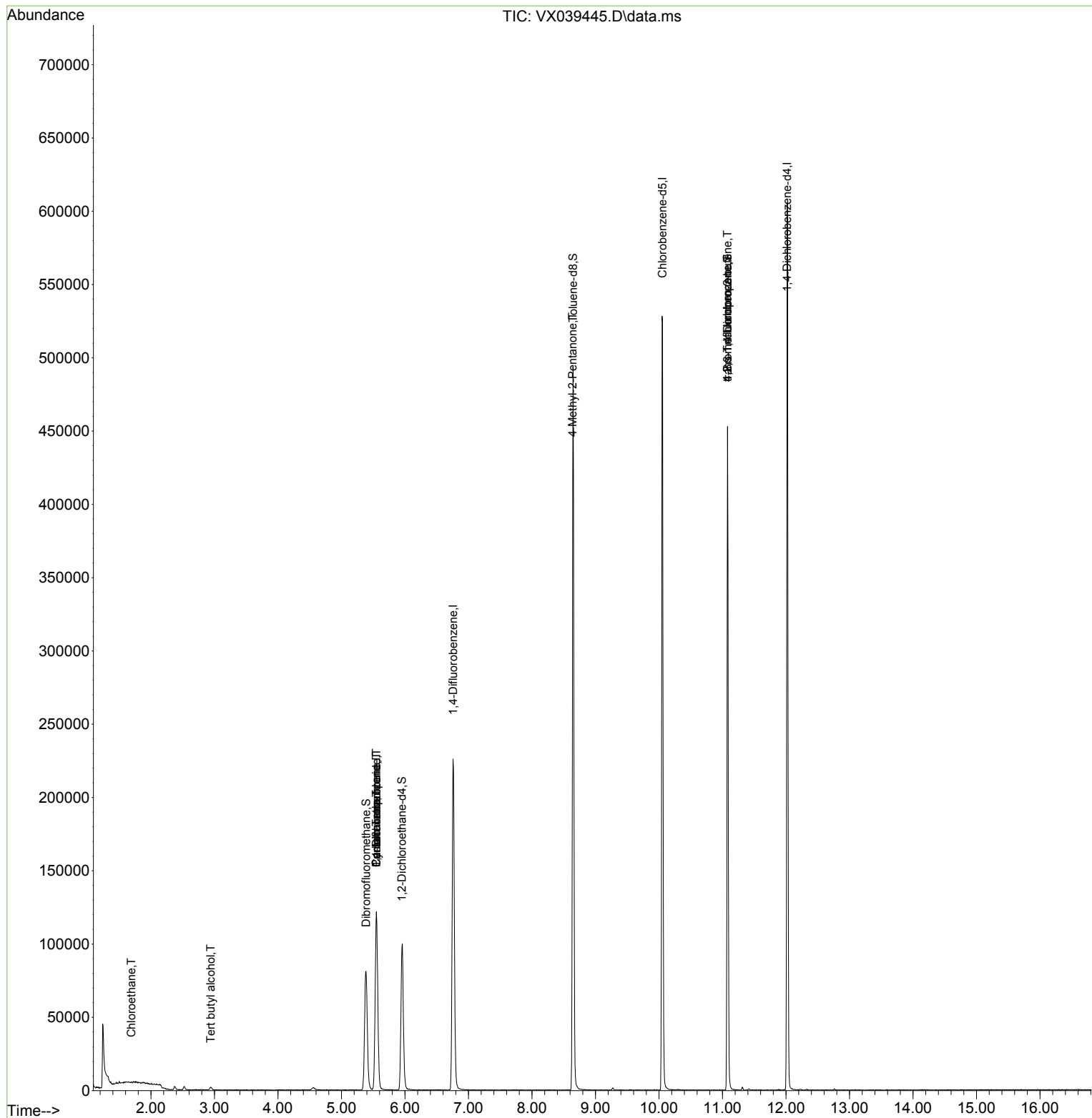
Internal Standards						
1) Pentafluorobenzene	5.550	168	103053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	219900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94652	50.137	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.280%
35) Dibromofluoromethane	5.385	113	72958	48.025	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	8.647	98	278538	49.386	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.780%
62) 4-Bromofluorobenzene	11.079	95	124522	53.511	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.020%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	482	0.536	ug/l #	50
11) Tert butyl alcohol	2.941	59	1377	2.905	ug/l #	78
16) Acetone	2.380	43	2550	Below Cal		92
31) Cyclohexane	5.550	56	3211	1.317	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	10309	4.300	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12110	5.293	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1482	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	67521	23.135	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	67521	65.264	ug/l #	5

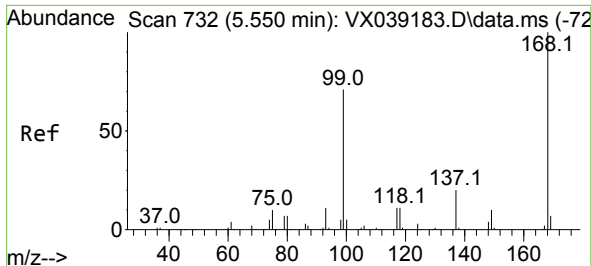
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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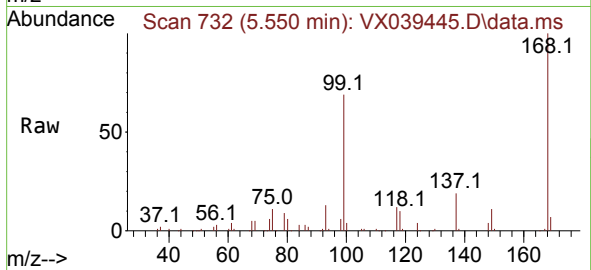
Quant Time: Dec 23 06:27:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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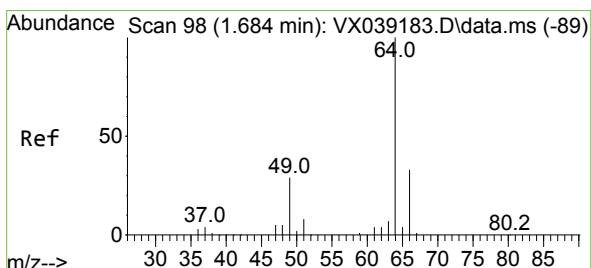
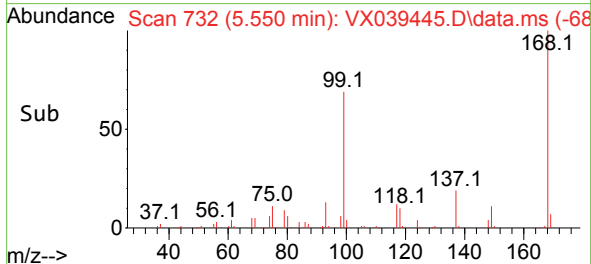
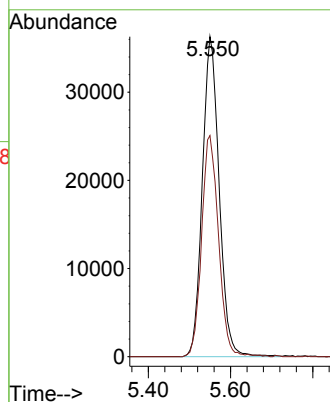


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039445.D
Acq: 22 Dec 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :

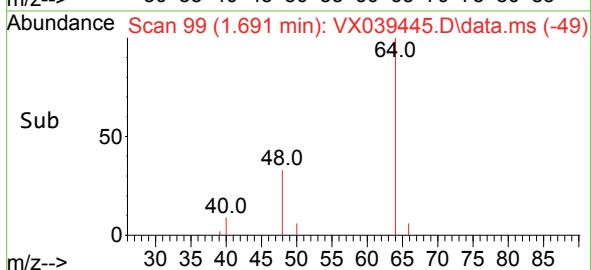
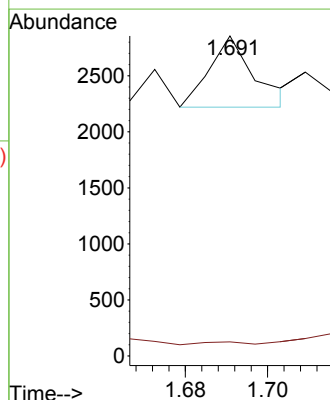
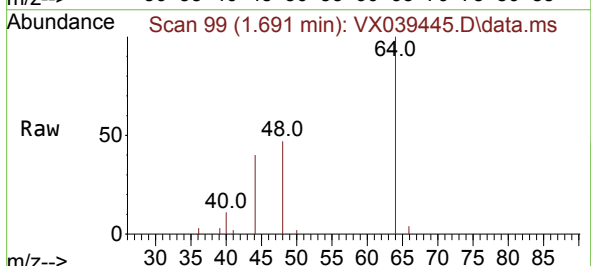


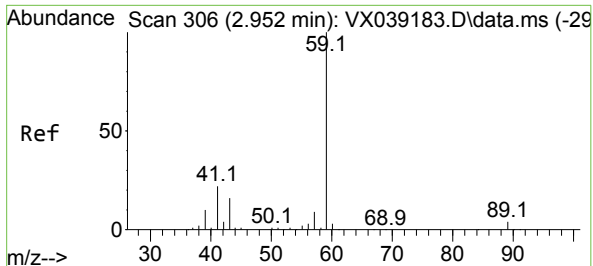
Tgt Ion:168 Resp: 103053
Ion Ratio Lower Upper
168 100
99 69.1 56.6 85.0



#6
Chloroethane
Concen: 0.536 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.007 min
Lab File: VX039445.D
Acq: 22 Dec 2023 17:12

Tgt Ion: 64 Resp: 482
Ion Ratio Lower Upper
64 100
66 3.9 25.1 37.7#





#11

Tert butyl alcohol

Concen: 2.905 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

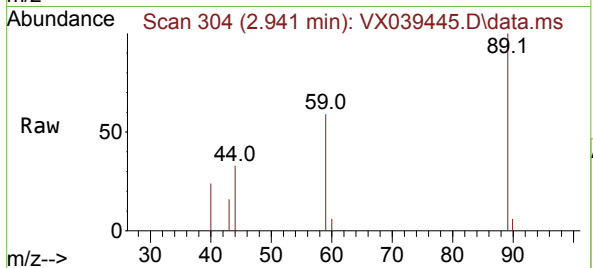
Lab File: VX039445.D

Acq: 22 Dec 2023 17:12

Instrument :

MSVOA_X

ClientSampleId :

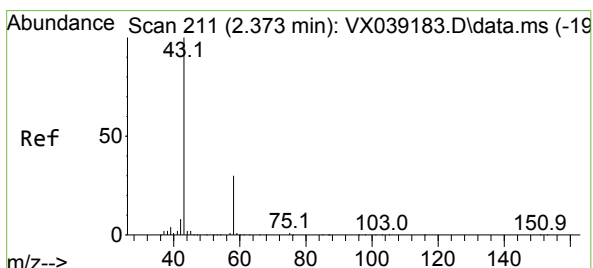
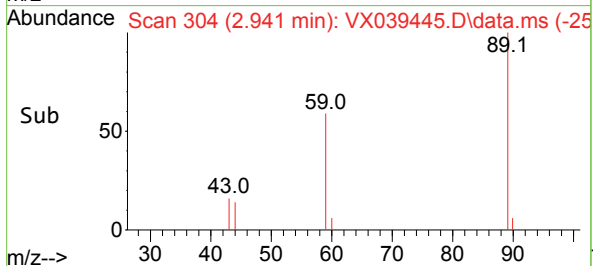
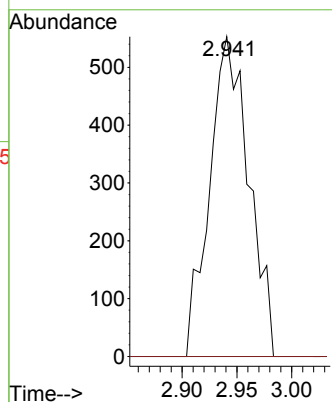


Tgt Ion: 59 Resp: 1377

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX039445.D

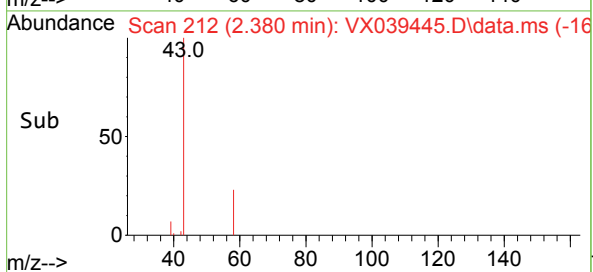
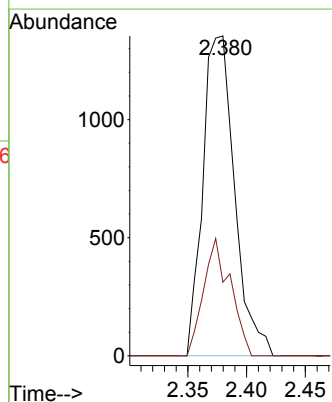
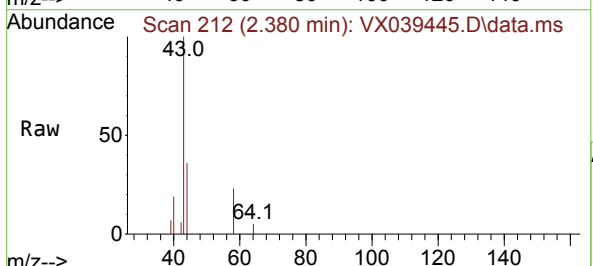
Acq: 22 Dec 2023 17:12

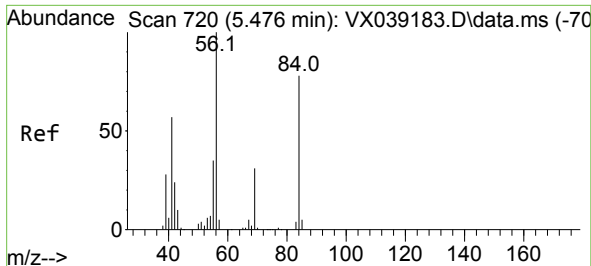
Tgt Ion: 43 Resp: 2550

Ion Ratio Lower Upper

43 100

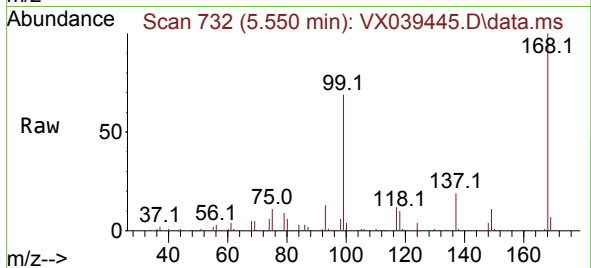
58 23.0 21.9 32.9



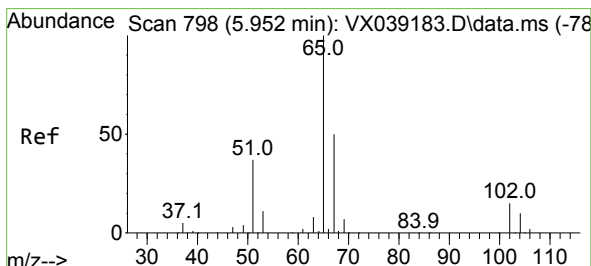
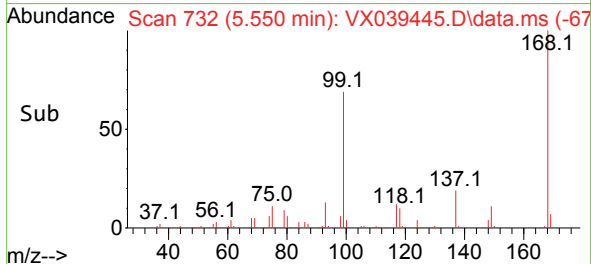
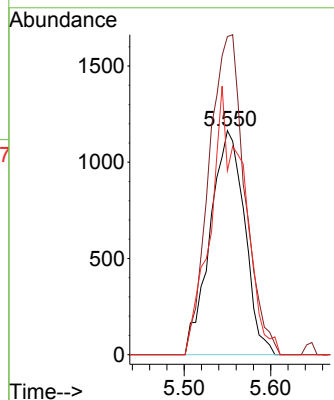


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.074 min
Lab File: VX039445.D
Acq: 22 Dec 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :

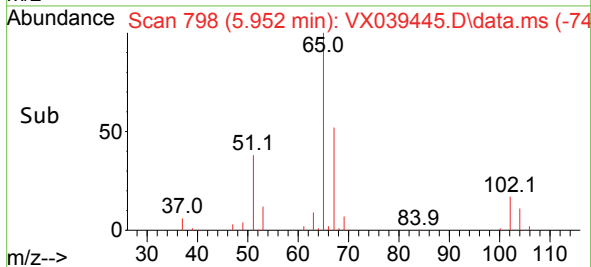
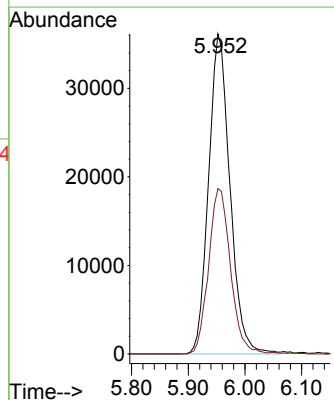
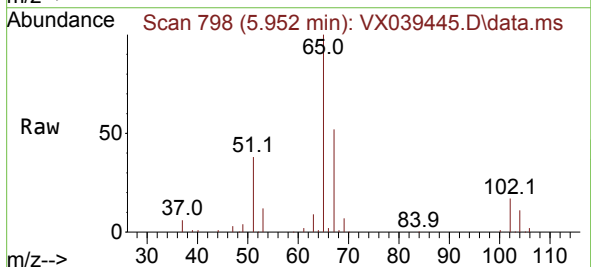


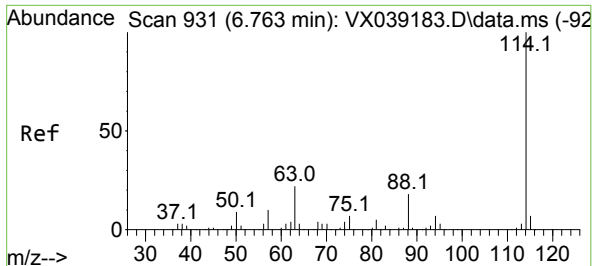
Tgt Ion: 56 Resp: 3211
Ion Ratio Lower Upper
56 100
69 142.0 23.4 35.2#
84 82.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.137 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039445.D
Acq: 22 Dec 2023 17:12

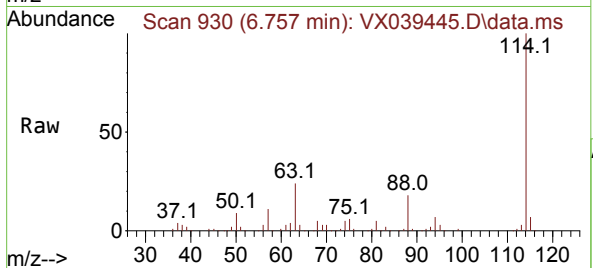
Tgt Ion: 65 Resp: 94652
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2



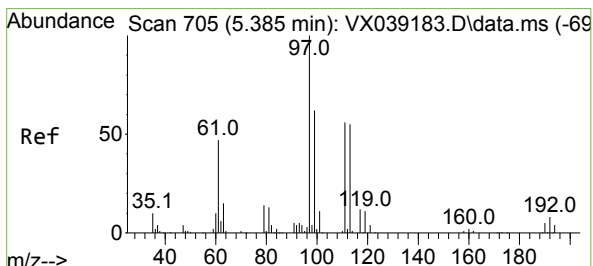
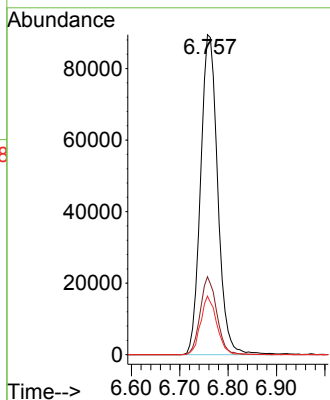
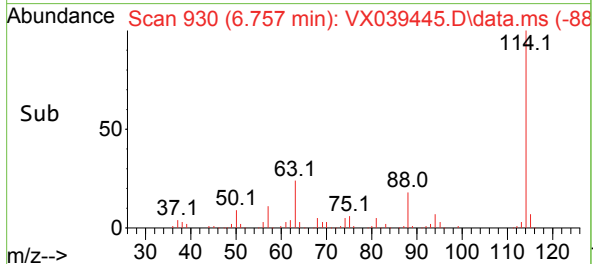


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039445.D
Acq: 22 Dec 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :

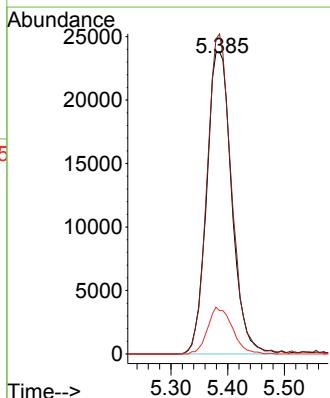
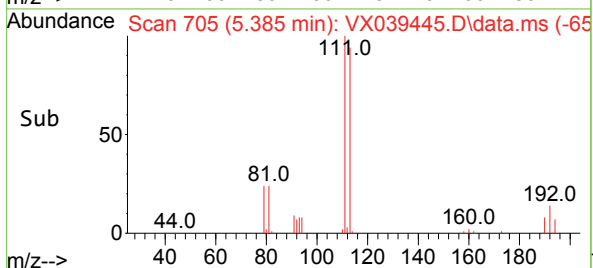
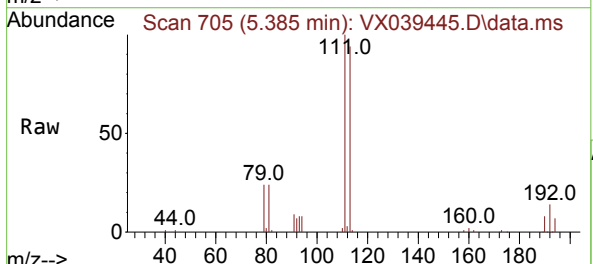


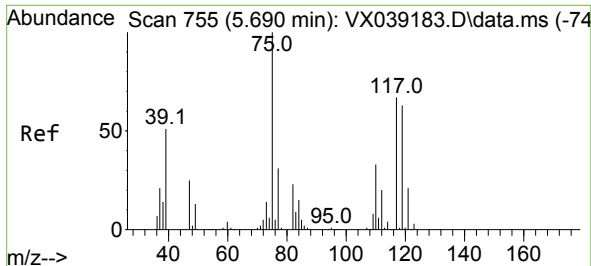
Tgt Ion:114 Resp: 219900
Ion Ratio Lower Upper
114 100
63 24.3 0.0 45.0
88 18.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.025 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039445.D
Acq: 22 Dec 2023 17:12

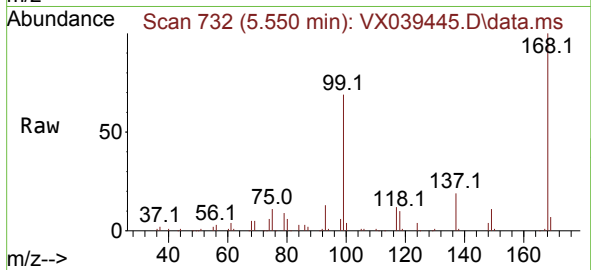
Tgt Ion:113 Resp: 72958
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 15.2 13.3 19.9



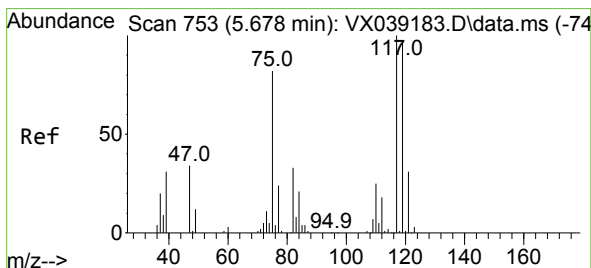
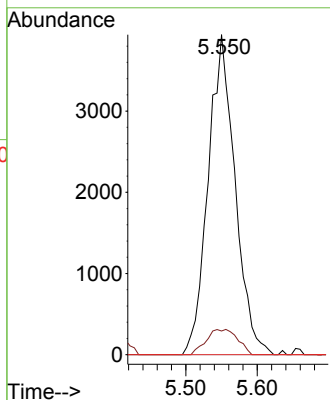
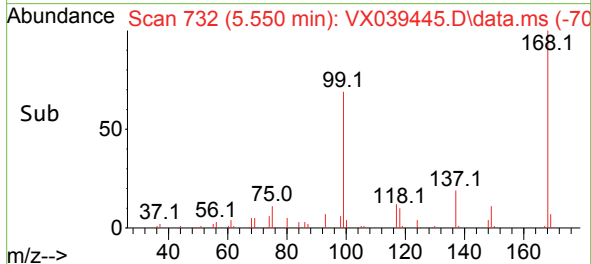


#36
1,1-Dichloropropene
Concen: 4.300 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039445.D
Acq: 22 Dec 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :

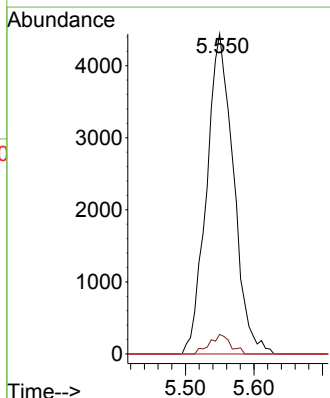
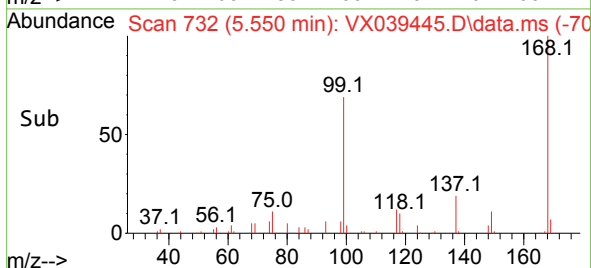
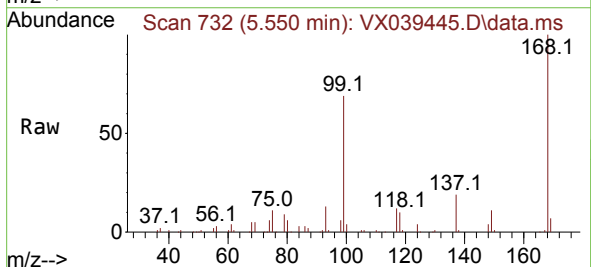


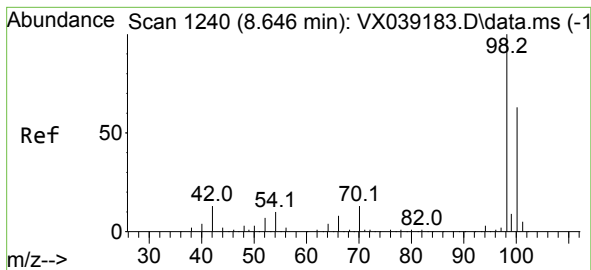
Tgt Ion: 75 Resp: 10309
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.293 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039445.D
Acq: 22 Dec 2023 17:12

Tgt Ion: 117 Resp: 12110
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.386 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039445.D

Acq: 22 Dec 2023 17:12

Instrument :

MSVOA_X

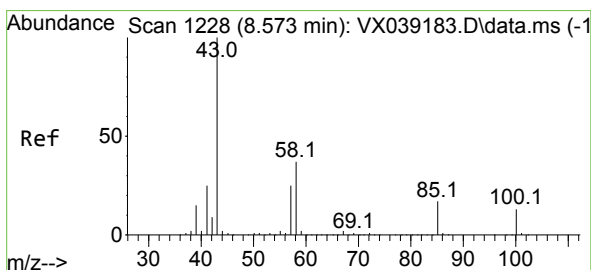
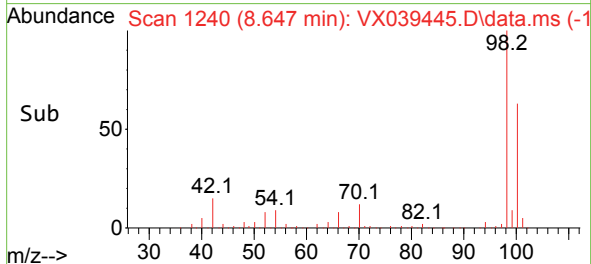
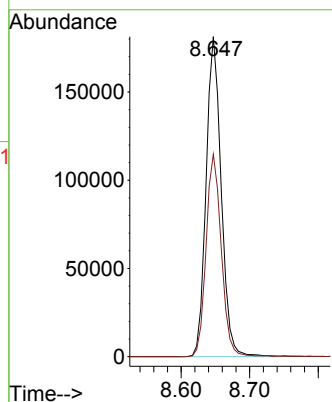
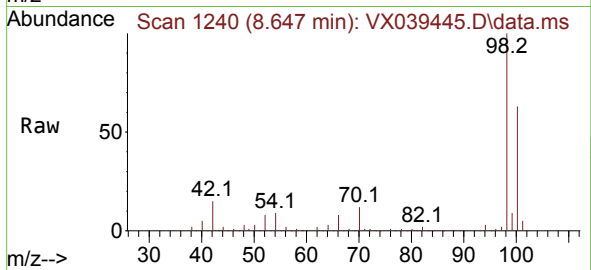
ClientSampleId :

Tgt Ion: 98 Resp: 278538

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.483 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX039445.D

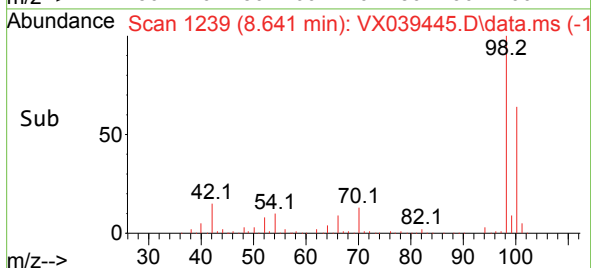
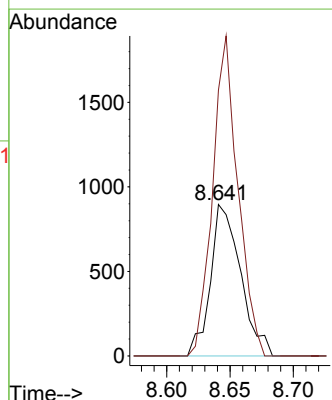
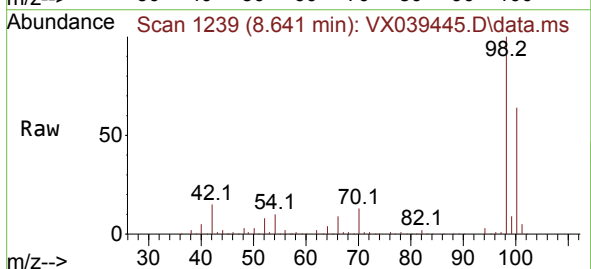
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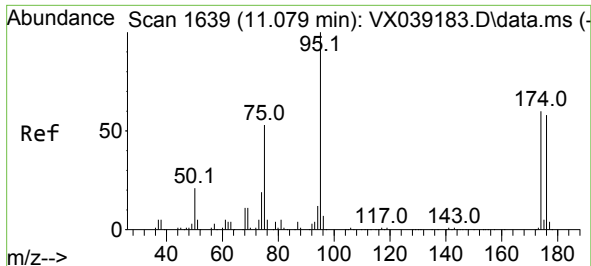
Tgt Ion: 43 Resp: 1482

Ion Ratio Lower Upper

43 100

58 178.2 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 53.511 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039445.D

Acq: 22 Dec 2023 17:12

Instrument :

MSVOA_X

ClientSampleId :

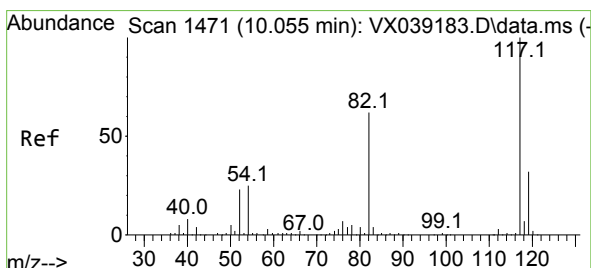
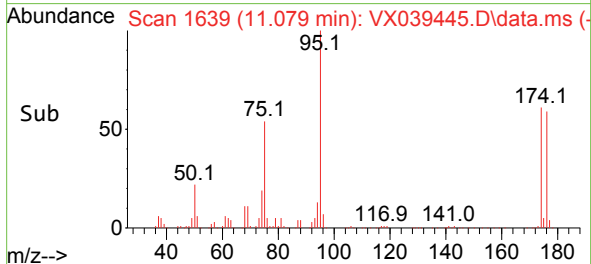
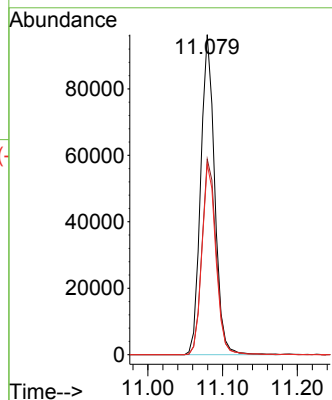
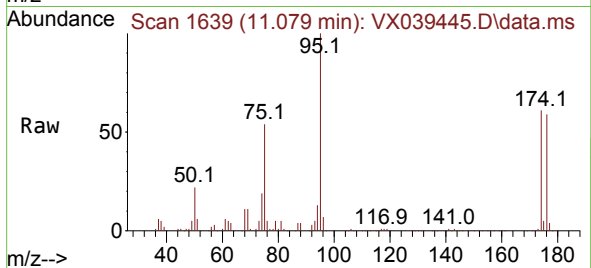
Tgt Ion: 95 Resp: 124522

Ion Ratio Lower Upper

95 100

174 62.6 0.0 135.6

176 59.8 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: VX039445.D

Acq: 22 Dec 2023 17:12

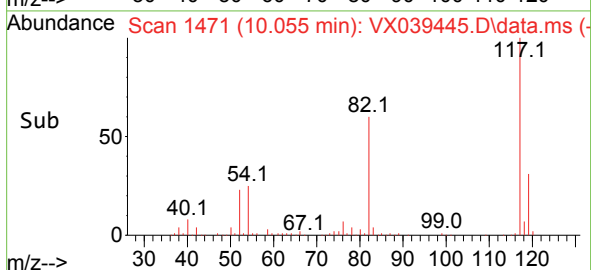
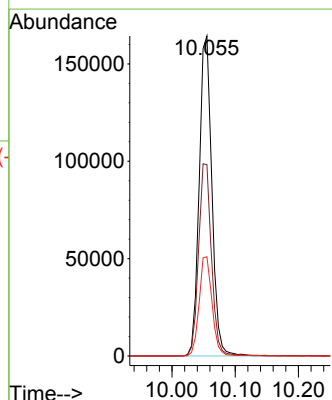
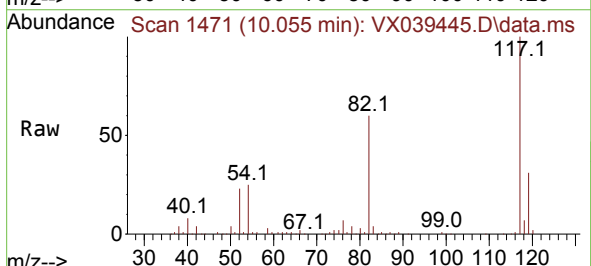
Tgt Ion: 117 Resp: 229674

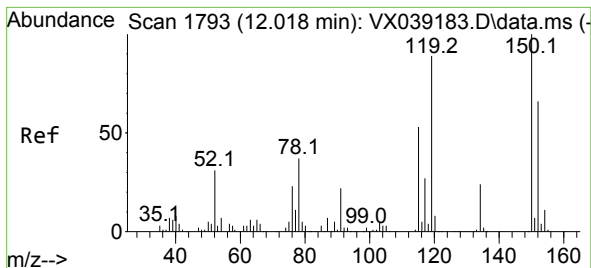
Ion Ratio Lower Upper

117 100

82 59.8 46.2 69.4

119 31.0 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: VX039445.D

Acq: 22 Dec 2023 17:12

Instrument :

MSVOA_X

ClientSampleId :

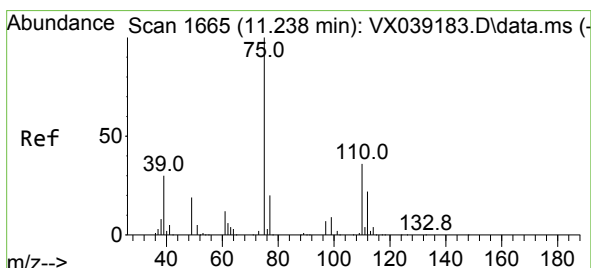
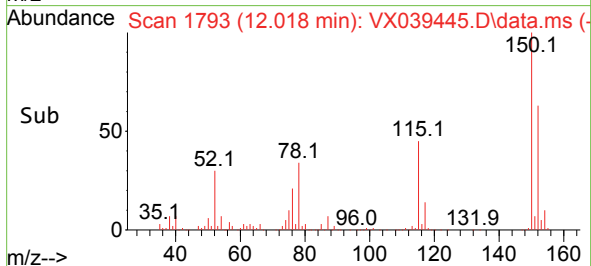
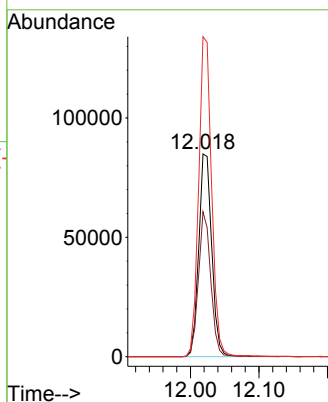
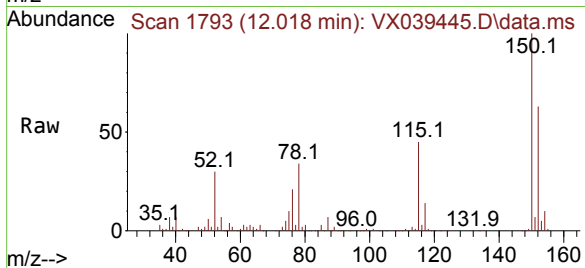
Tgt Ion:152 Resp: 112809

Ion Ratio Lower Upper

152 100

115 67.3 43.3 129.9

150 156.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.135 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039445.D

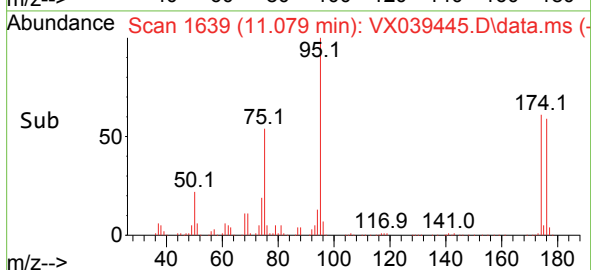
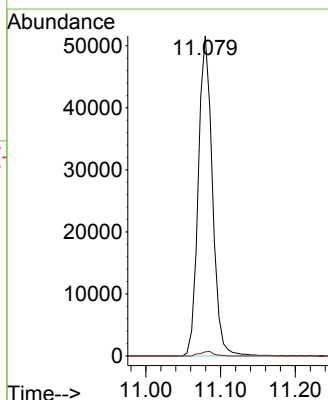
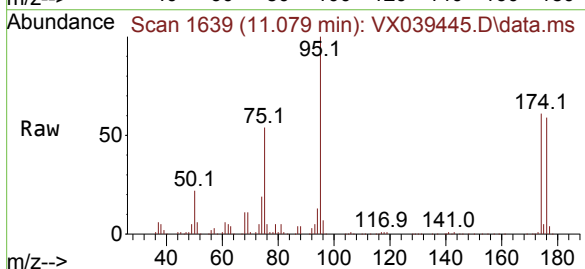
Acq: 22 Dec 2023 17:12

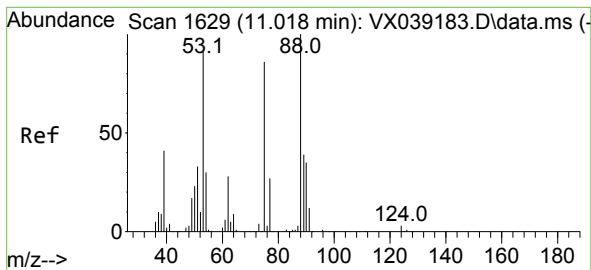
Tgt Ion: 75 Resp: 67521

Ion Ratio Lower Upper

75 100

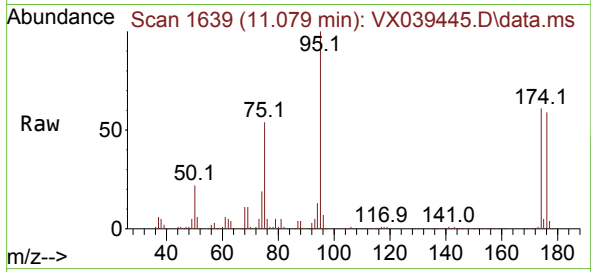
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.264 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039445.D
 Acq: 22 Dec 2023 17:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 67521
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

