

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
 Data File : VX041172.D
 Acq On : 19 Apr 2024 12:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:30:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

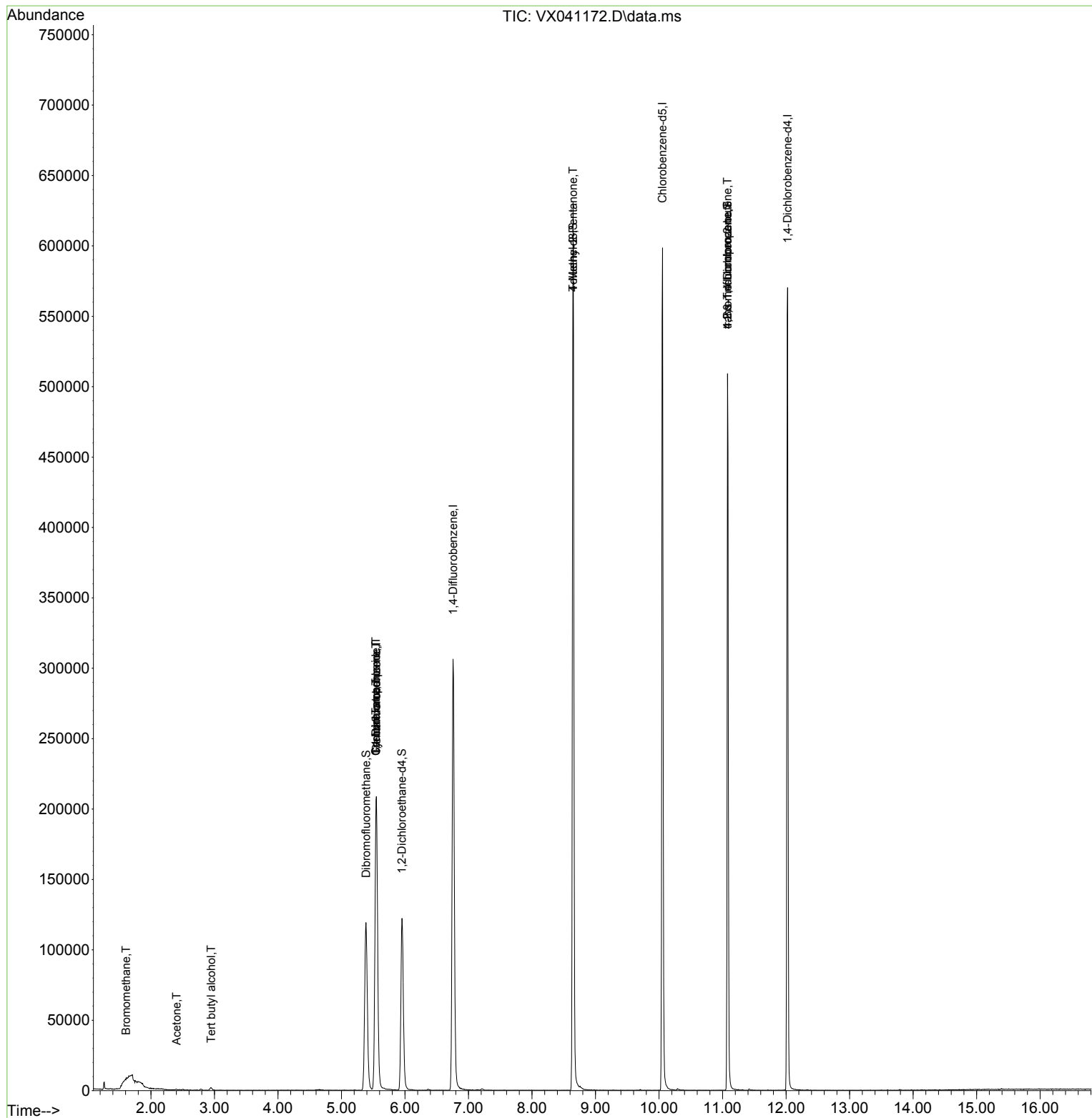
Internal Standards						
1) Pentafluorobenzene	5.550	168	233256	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	339328	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	121484	48.240	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.480%	
35) Dibromofluoromethane	5.385	113	104066	45.909	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.820%	
50) Toluene-d8	8.647	98	389362	49.039	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.080%	
62) 4-Bromofluorobenzene	11.079	95	129633	43.010	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	86.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	428	0.290	ug/l #	49
11) Tert butyl alcohol	2.946	59	1206	2.448	ug/l #	78
16) Acetone	2.404	43	409	0.386	ug/l #	81
31) Cyclohexane	5.544	56	3369	1.080	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	14086	4.908	ug/l #	51
38) Carbon Tetrachloride	5.544	117	19616	5.895	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1556	0.450	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	61665	27.033	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	61665	68.883	ug/l #	5

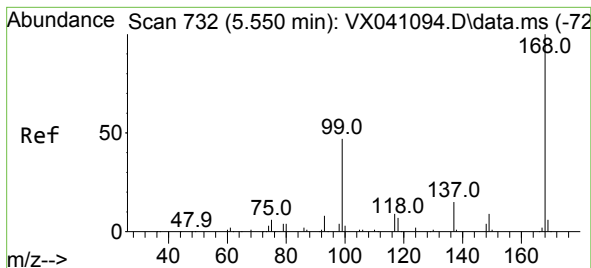
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

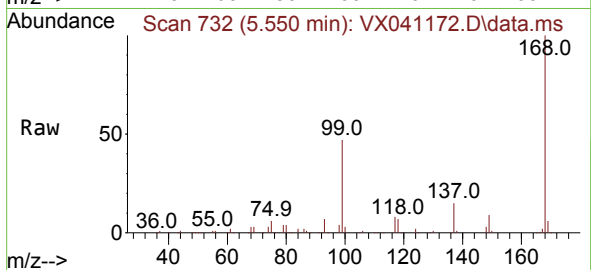
Lab File: VX041172.D

Acq: 19 Apr 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :

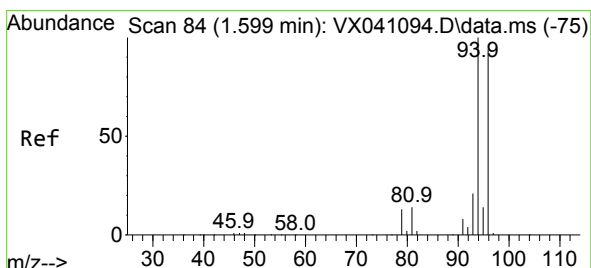
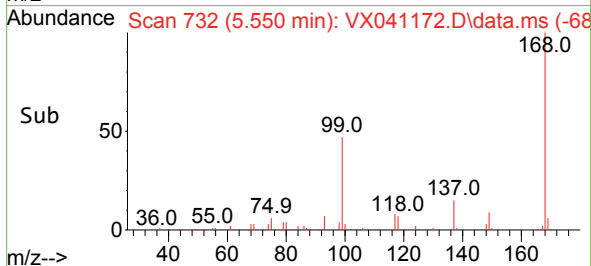
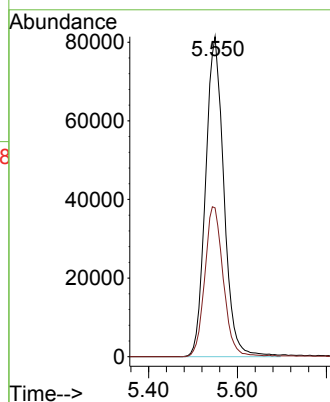


Tgt Ion:168 Resp: 233256

Ion Ratio Lower Upper

168 100

99 46.5 56.6 85.0#



#5

Bromomethane

Concen: 0.290 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.006 min

Lab File: VX041172.D

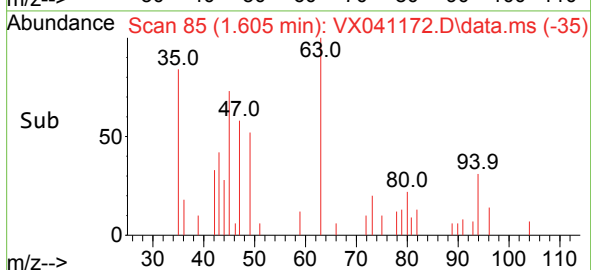
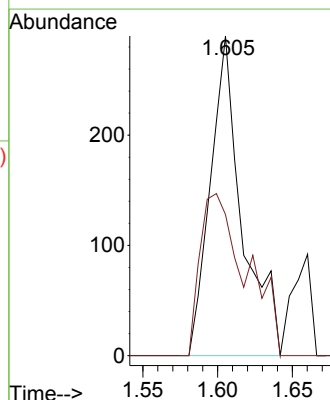
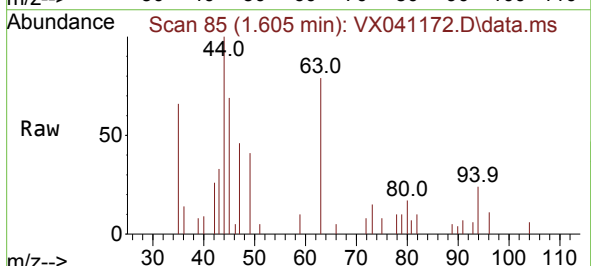
Acq: 19 Apr 2024 12:55

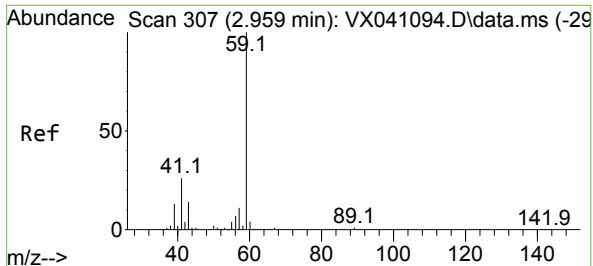
Tgt Ion: 94 Resp: 428

Ion Ratio Lower Upper

94 100

96 44.1 74.6 111.8#





#11

Tert butyl alcohol

Concen: 2.448 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.012 min

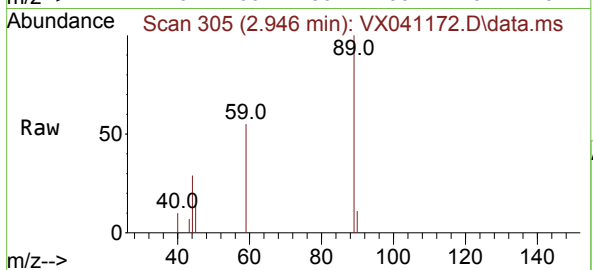
Lab File: VX041172.D

Acq: 19 Apr 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :

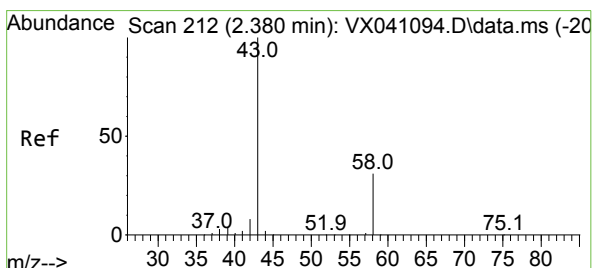
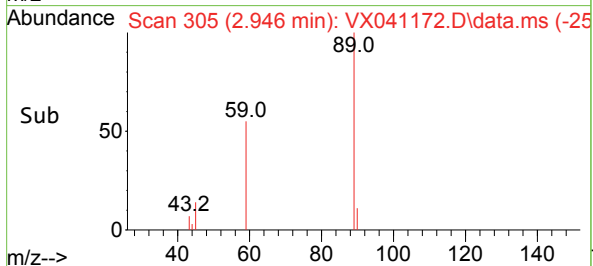
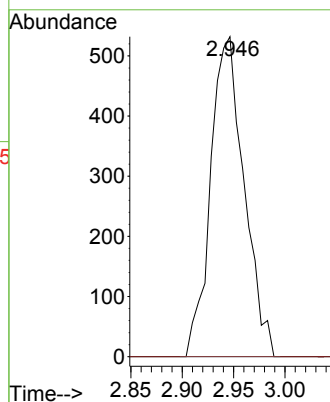


Tgt Ion: 59 Resp: 1206

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.386 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.024 min

Lab File: VX041172.D

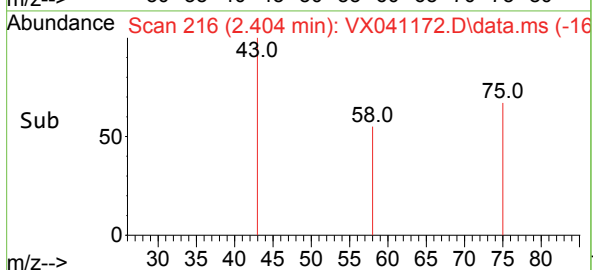
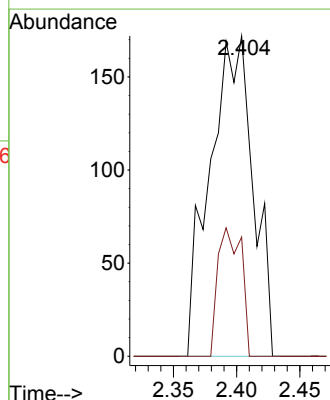
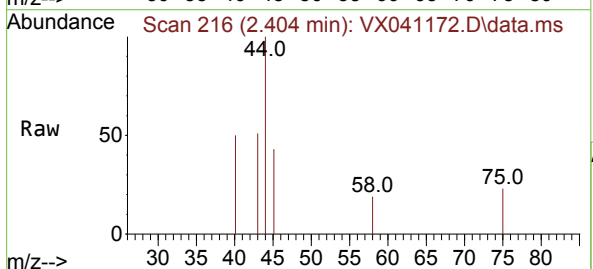
Acq: 19 Apr 2024 12:55

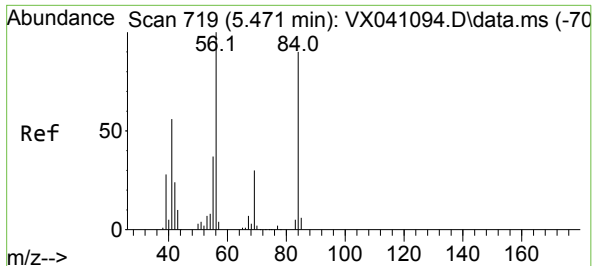
Tgt Ion: 43 Resp: 409

Ion Ratio Lower Upper

43 100

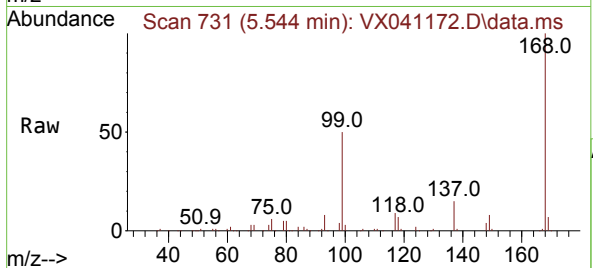
58 37.2 21.9 32.9#



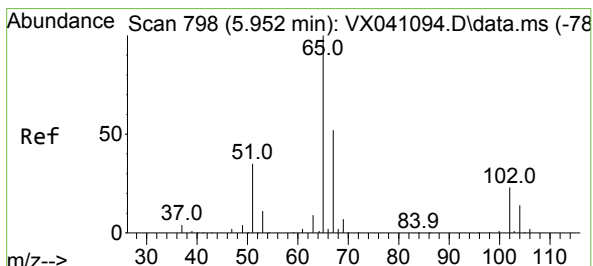
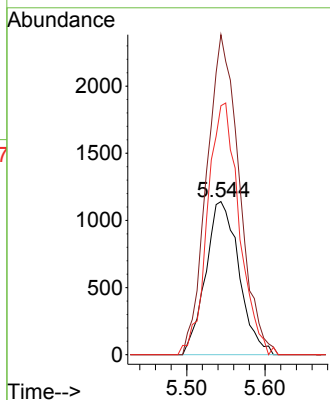
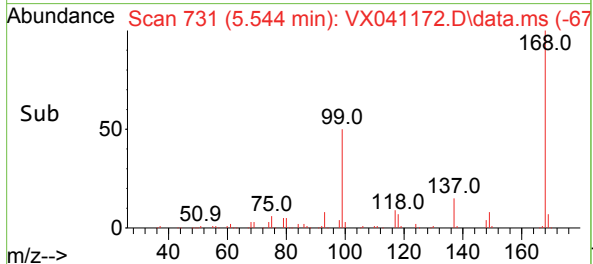


#31
Cyclohexane
Concen: 1.080 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX041172.D
Acq: 19 Apr 2024 12:55

Instrument :
MSVOA_X
ClientSampleId :

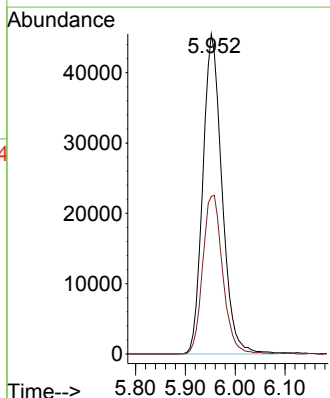
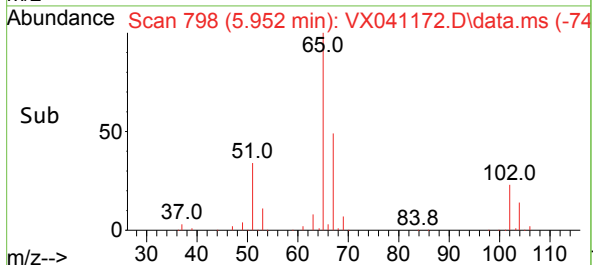
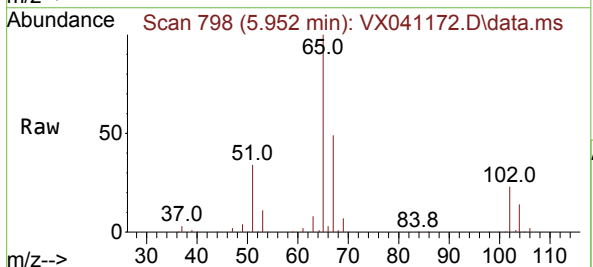


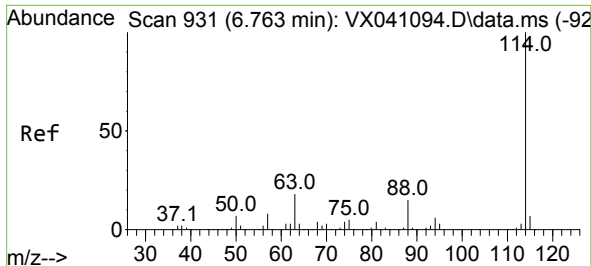
Tgt Ion: 56 Resp: 3369
Ion Ratio Lower Upper
56 100
69 208.9 23.4 35.2#
84 162.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.240 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041172.D
Acq: 19 Apr 2024 12:55

Tgt Ion: 65 Resp: 121484
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

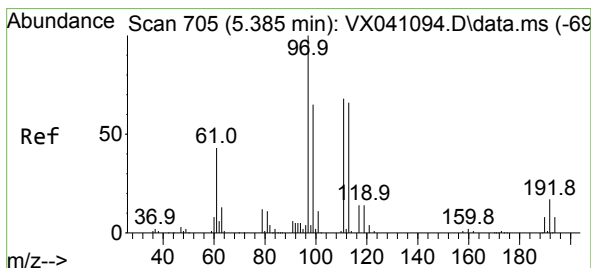
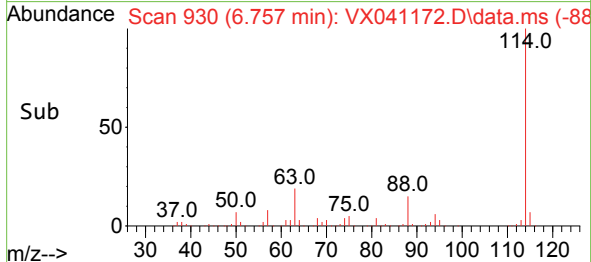
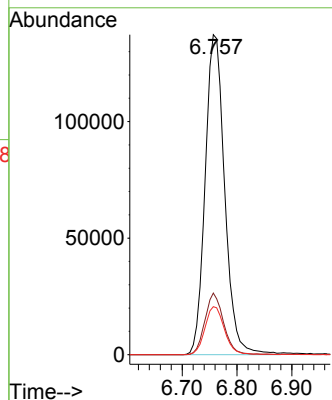
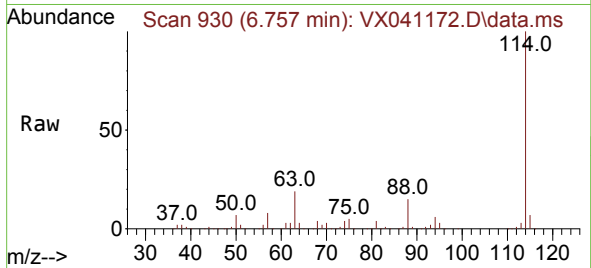




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX041172.D
Acq: 19 Apr 2024 12:55

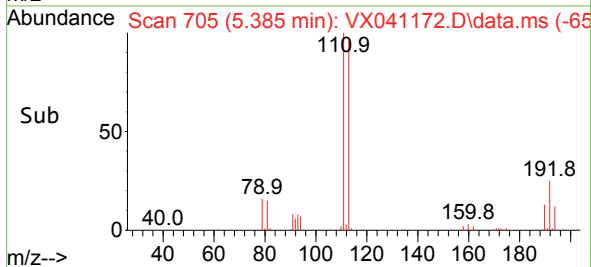
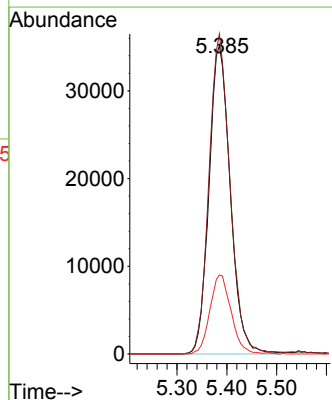
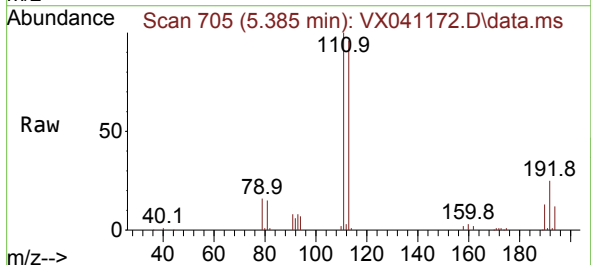
Instrument :
MSVOA_X
ClientSampleId :

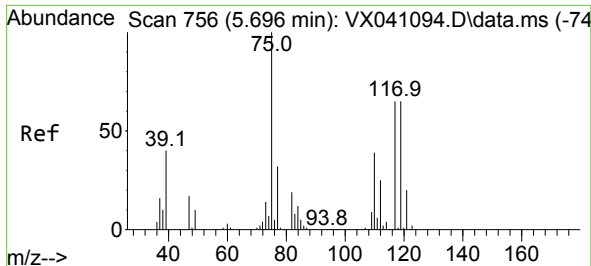
Tgt Ion:114 Resp: 339328
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.909 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041172.D
Acq: 19 Apr 2024 12:55

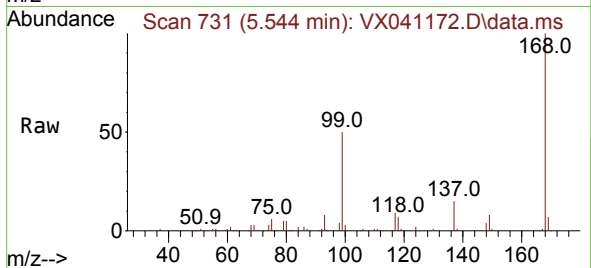
Tgt Ion:113 Resp: 104066
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 25.5 13.3 19.9#



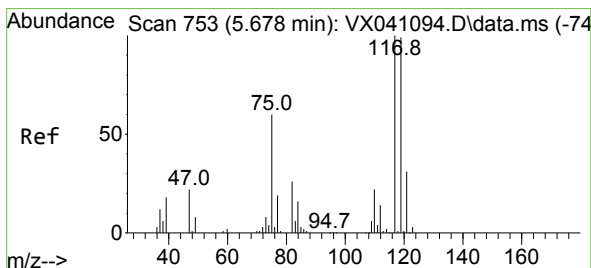
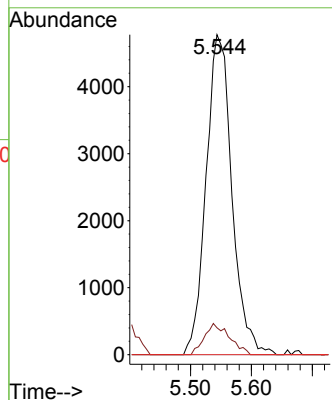
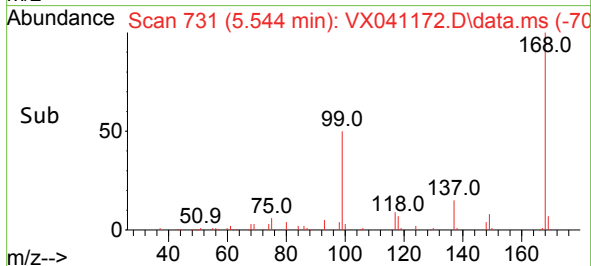


#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.153 min
Lab File: VX041172.D
Acq: 19 Apr 2024 12:55

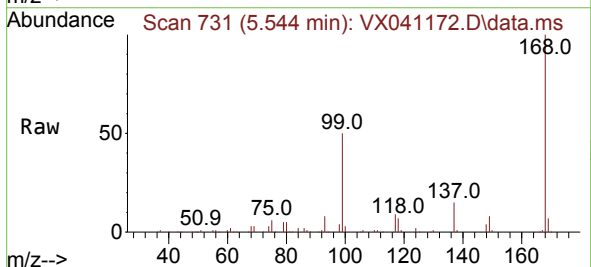
Instrument :
MSVOA_X
ClientSampleId :



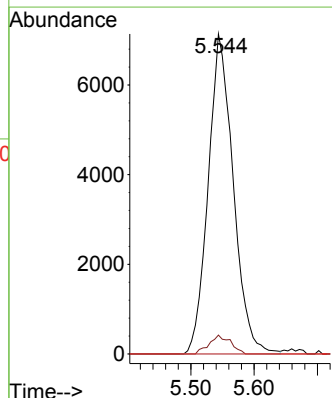
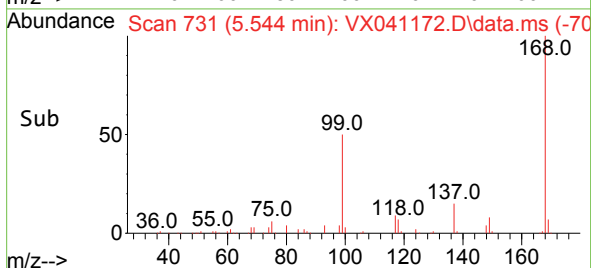
Tgt Ion: 75 Resp: 14086
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#

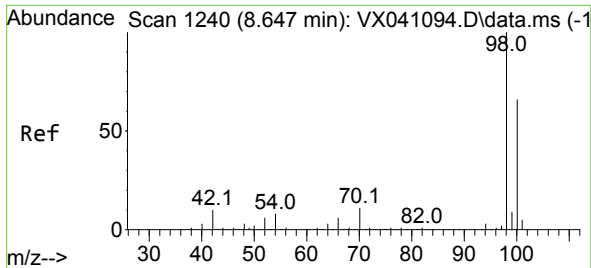


#38
Carbon Tetrachloride
Concen: 5.895 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX041172.D
Acq: 19 Apr 2024 12:55



Tgt Ion: 117 Resp: 19616
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

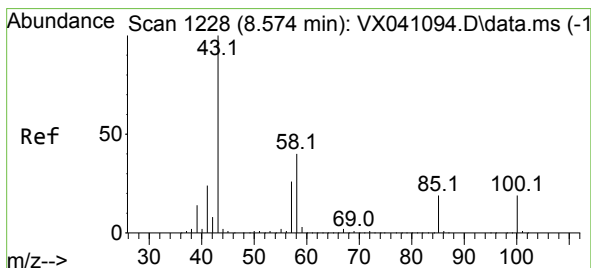
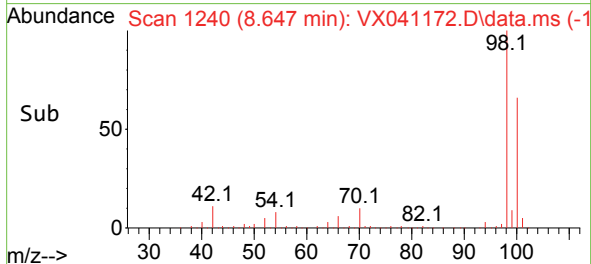
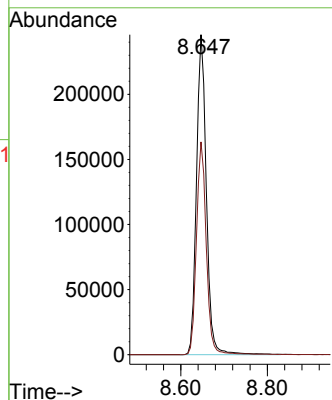
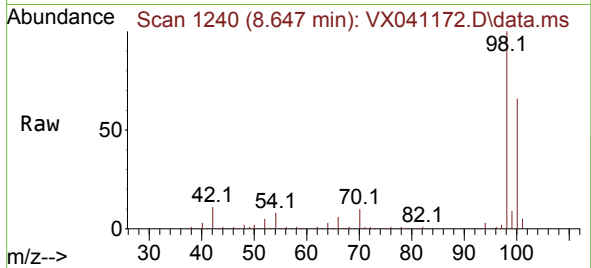




#50
Toluene-d8
Concen: 49.039 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041172.D
Acq: 19 Apr 2024 12:55

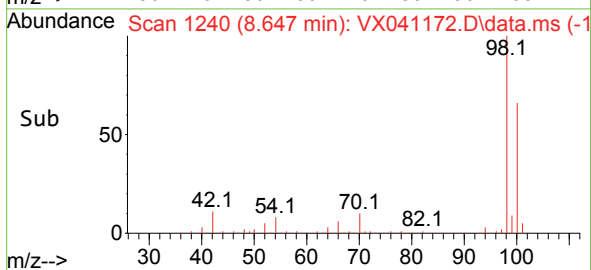
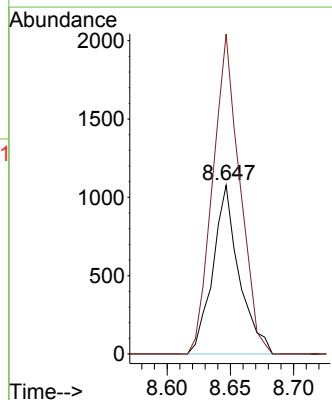
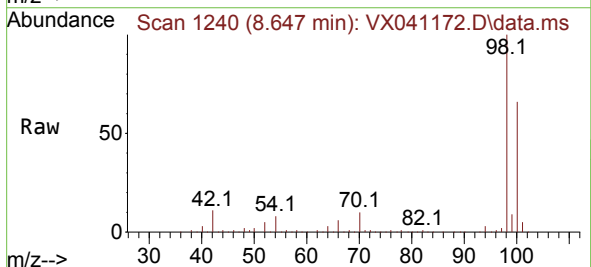
Instrument :
MSVOA_X
ClientSampleId :

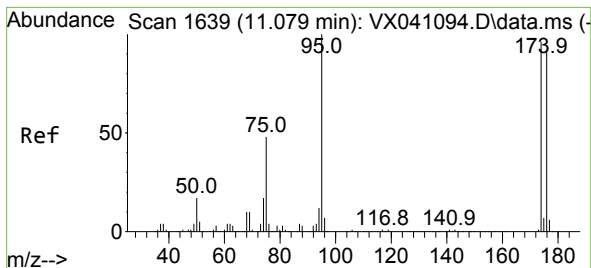
Tgt Ion: 98 Resp: 389362
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.450 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX041172.D
Acq: 19 Apr 2024 12:55

Tgt Ion: 43 Resp: 1556
Ion Ratio Lower Upper
43 100
58 195.5 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 43.010 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

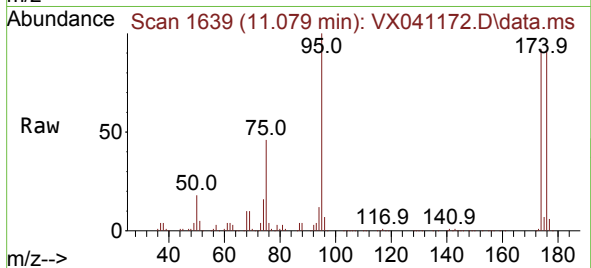
Lab File: VX041172.D

Acq: 19 Apr 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :



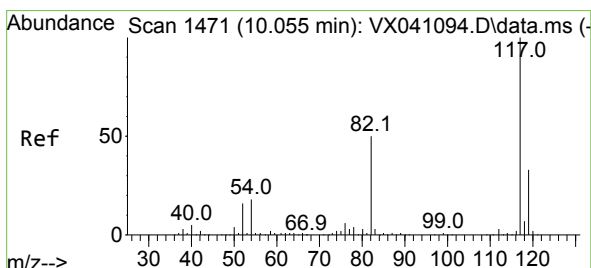
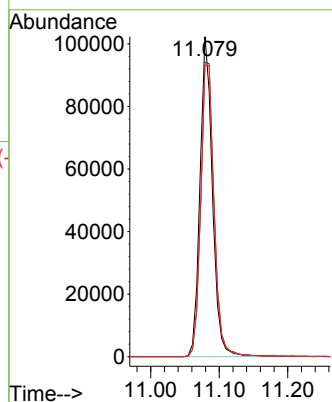
Tgt Ion: 95 Resp: 129633

Ion Ratio Lower Upper

95 100

174 98.6 0.0 135.6

176 97.9 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: VX041172.D

Acq: 19 Apr 2024 12:55

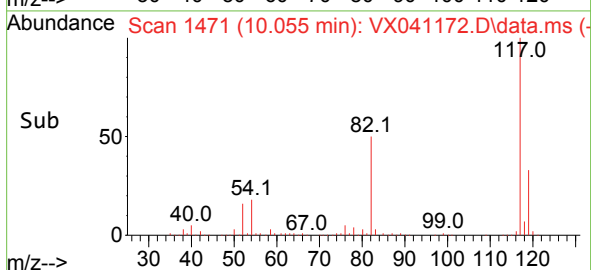
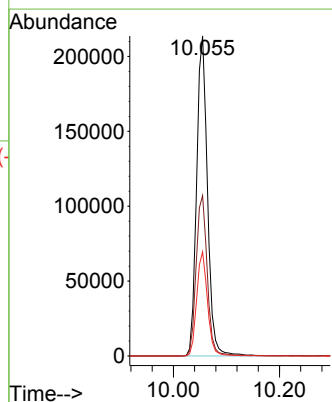
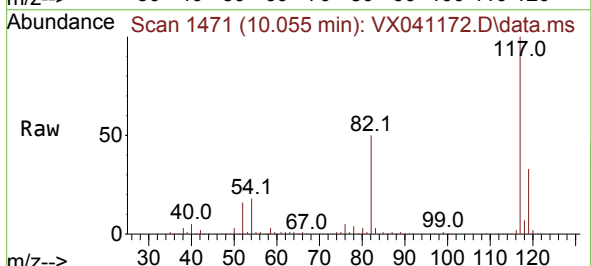
Tgt Ion: 117 Resp: 303768

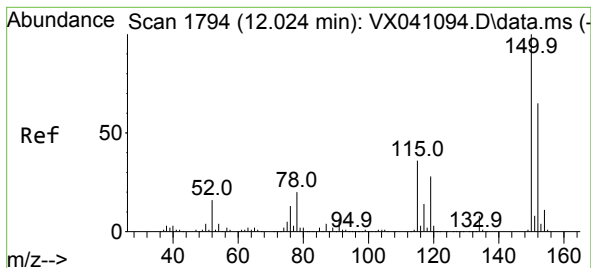
Ion Ratio Lower Upper

117 100

82 50.1 46.2 69.4

119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

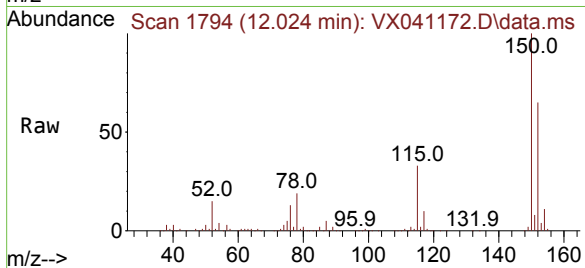
Lab File: VX041172.D

Acq: 19 Apr 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :



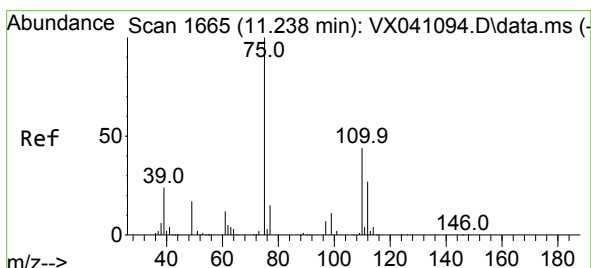
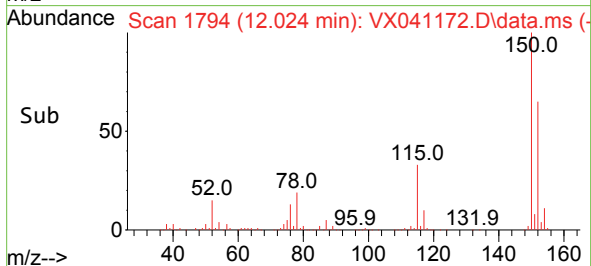
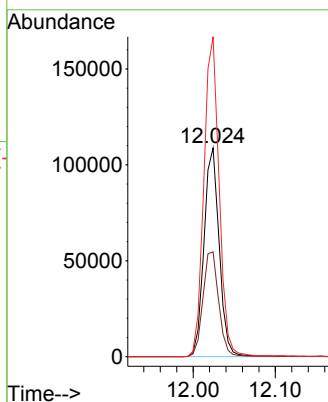
Tgt Ion:152 Resp: 139975

Ion Ratio Lower Upper

152 100

115 52.3 43.3 129.9

150 154.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.033 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041172.D

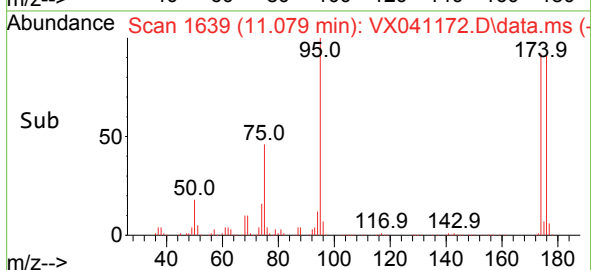
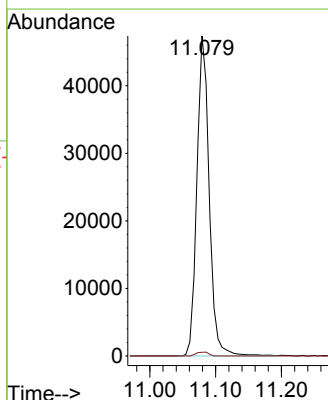
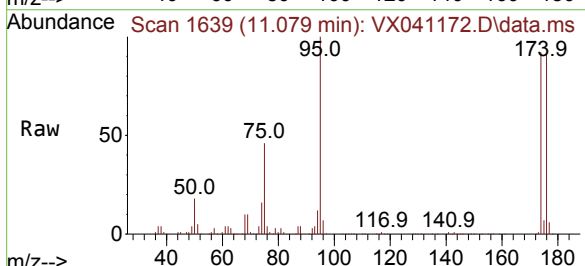
Acq: 19 Apr 2024 12:55

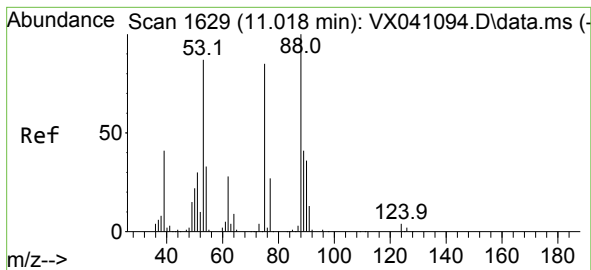
Tgt Ion: 75 Resp: 61665

Ion Ratio Lower Upper

75 100

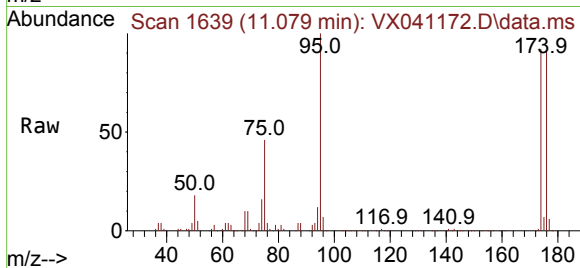
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.883 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041172.D
Acq: 19 Apr 2024 12:55

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 61665
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

