

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038432.D
 Acq On : 23 Oct 2023 15:04
 Operator : JC/MD
 Sample : 05007-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:02:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

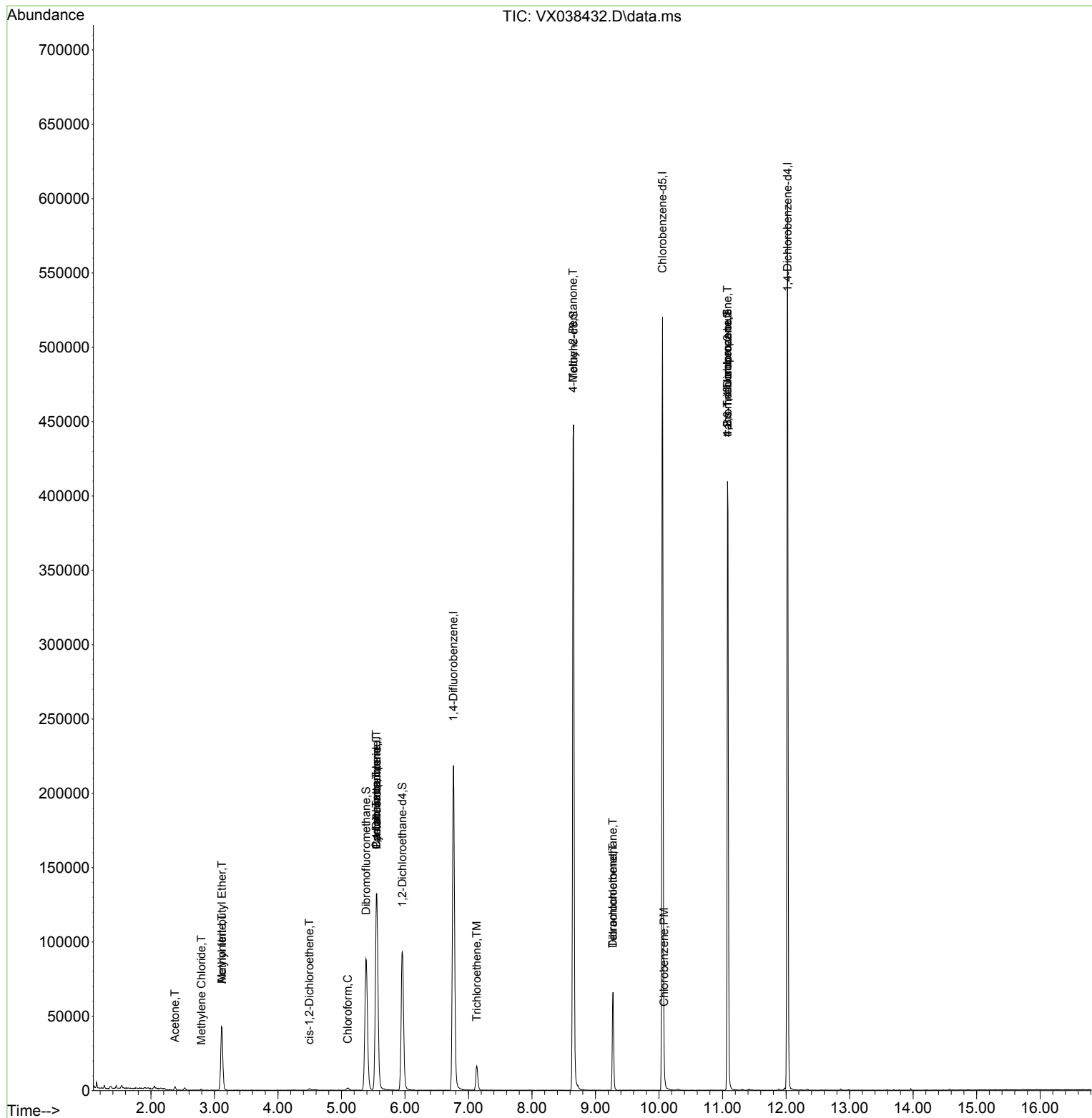
Internal Standards						
1) Pentafluorobenzene	5.556	168	126400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90874	44.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.400%
35) Dibromofluoromethane	5.385	113	75763	46.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.180%
50) Toluene-d8	8.653	98	283207	45.088	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.180%#
62) 4-Bromofluorobenzene	11.079	95	107385	45.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.200%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	24	Below Cal	#	3
6) Chloroethane	1.776	64	45	Below Cal	#	43
11) Tert butyl alcohol	2.958	59	126	Below Cal	#	78
15) Acrylonitrile	3.117	53	680	0.735	ug/l #	27
16) Acetone	2.379	43	2378	2.803	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	47049	10.215	ug/l	95
20) Methylene Chloride	2.794	84	322	0.202	ug/l #	86
27) cis-1,2-Dichloroethene	4.495	96	754	0.442	ug/l	68
30) Chloroform	5.098	83	1866	0.649	ug/l	98
31) Cyclohexane	5.549	56	2716	1.233	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	10446	4.608	ug/l #	51
38) Carbon Tetrachloride	5.549	117	13432	6.024	ug/l #	15
44) Trichloroethene	7.128	130	6380	3.848	ug/l	90
51) 4-Methyl-2-Pentanone	8.646	43	1136	0.410	ug/l #	1
60) Dibromochloromethane	9.274	129	11840	6.849	ug/l #	11
64) Tetrachloroethene	9.274	164	12044	7.964	ug/l	93
65) Chlorobenzene	10.079	112	1849	0.378	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	57986	21.075	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57986	60.606	ug/l #	5

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

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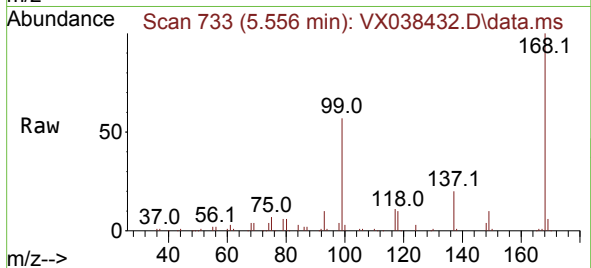
Quant Time: Oct 24 00:02:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



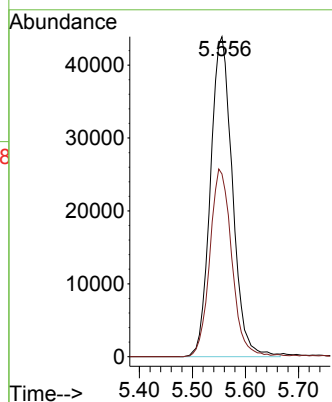
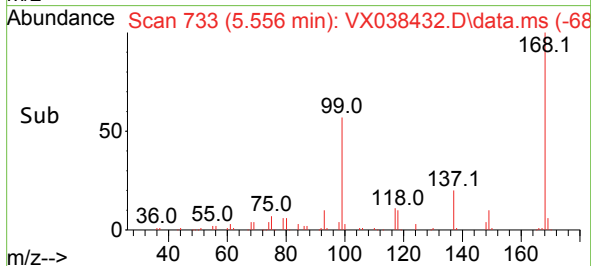


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

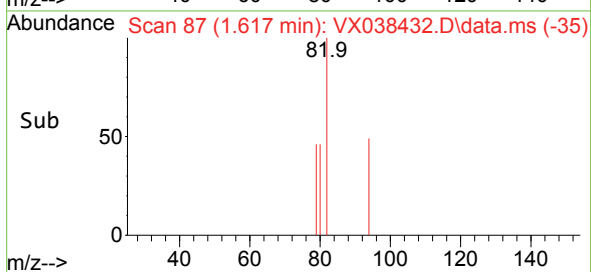
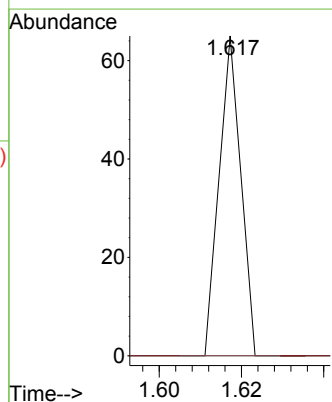
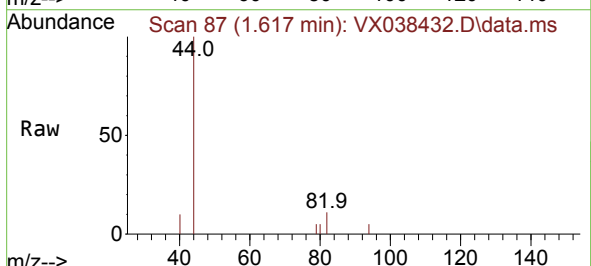


Tgt Ion:168 Resp: 126400
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion: 94 Resp: 24
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

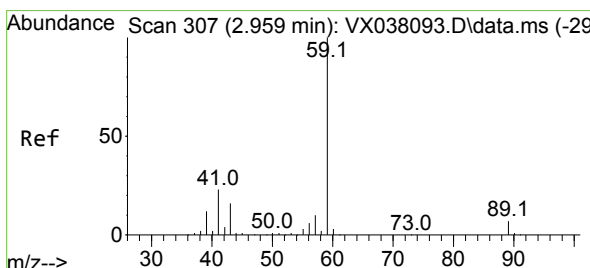
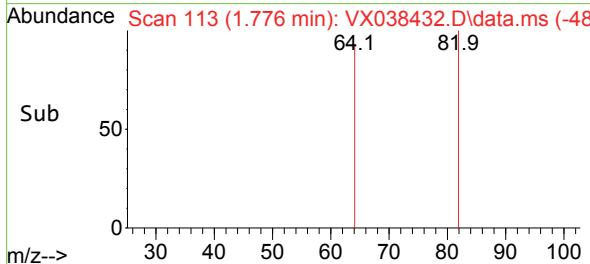
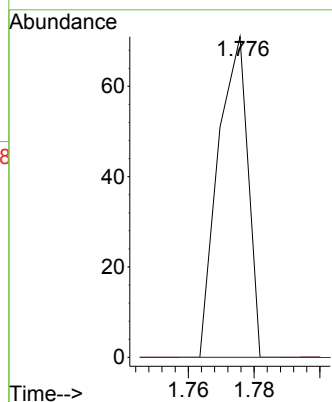
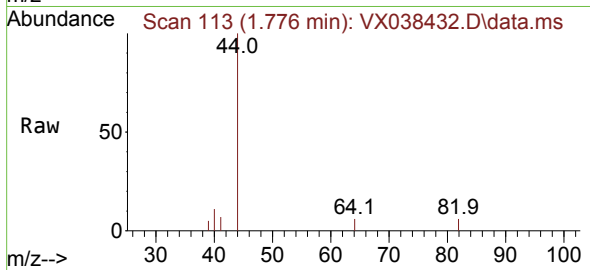




#6
Chloroethane
Concen: Below Cal
RT: 1.776 min Scan# 11
Delta R.T. 0.097 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

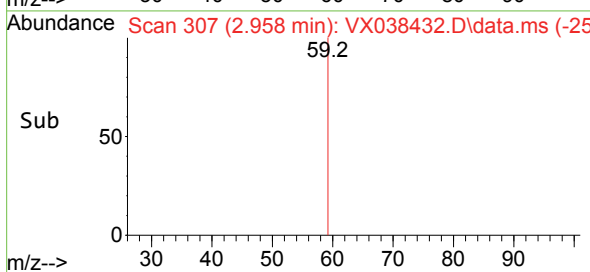
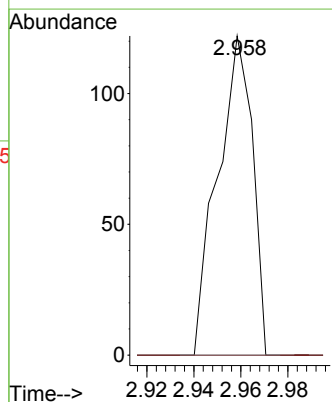
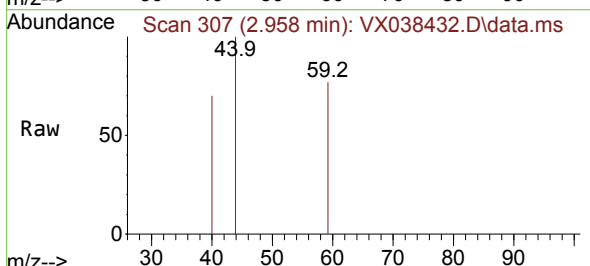
Instrument :
MSVOA_X
ClientSampleId :

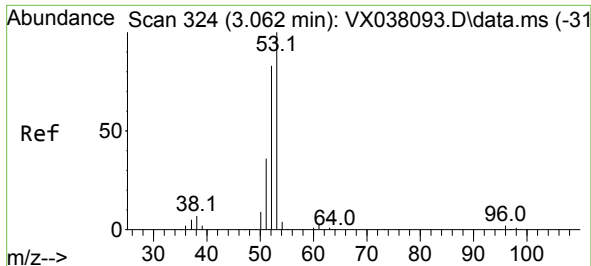
Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.958 min Scan# 307
Delta R.T. -0.001 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

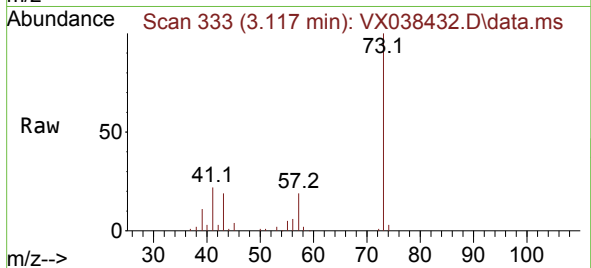
Tgt Ion: 59 Resp: 126
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



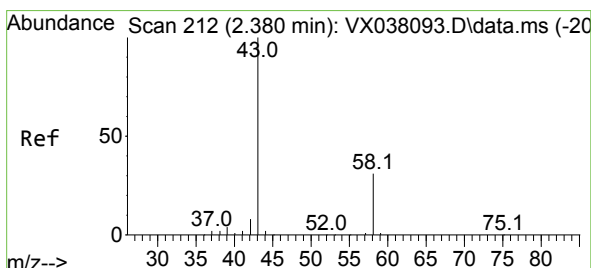
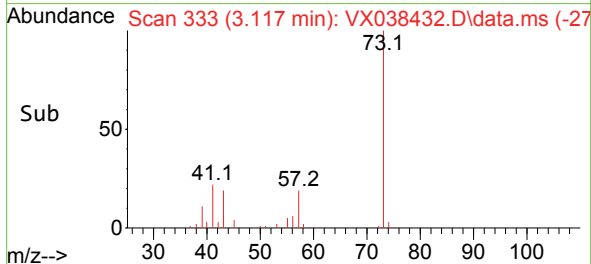
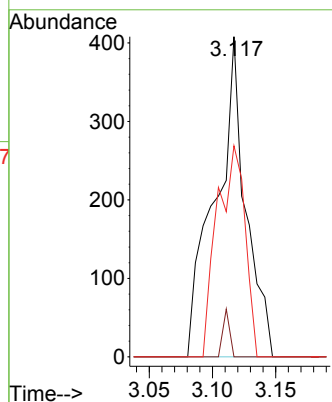


#15
Acrylonitrile
Concen: 0.735 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.055 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

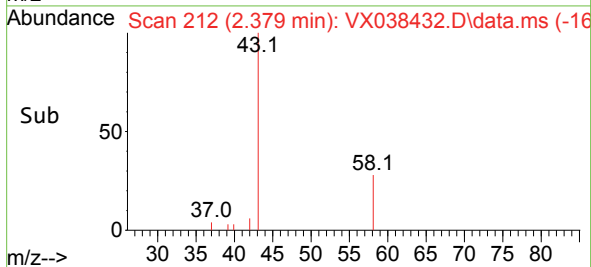
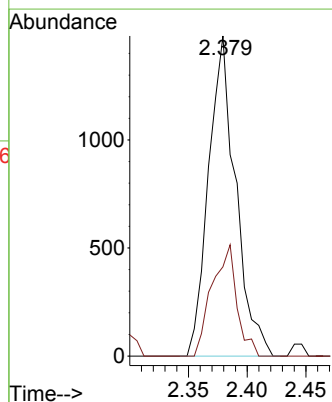
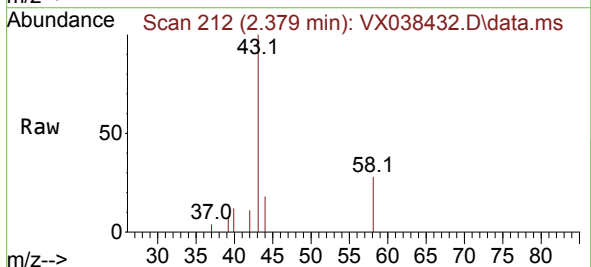


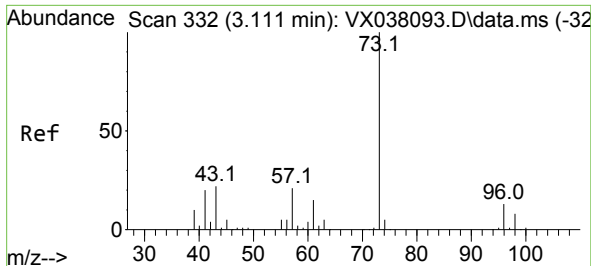
Tgt Ion: 53 Resp: 680
Ion Ratio Lower Upper
53 100
52 3.2 66.0 99.0#
51 60.4 29.8 44.6#



#16
Acetone
Concen: 2.803 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
58 27.9 21.9 32.9

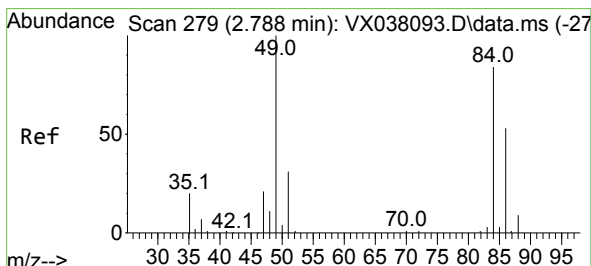
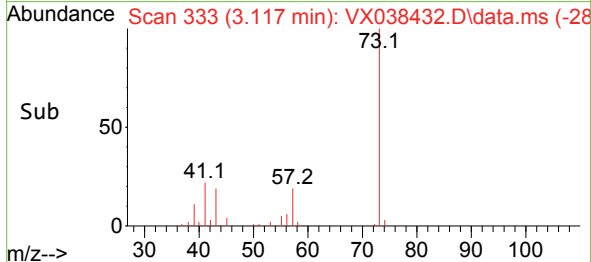
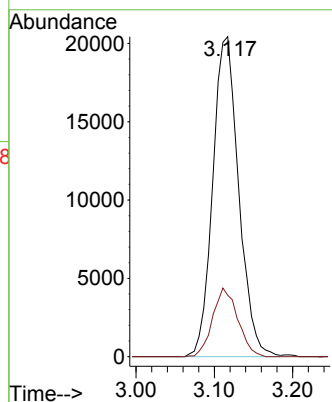
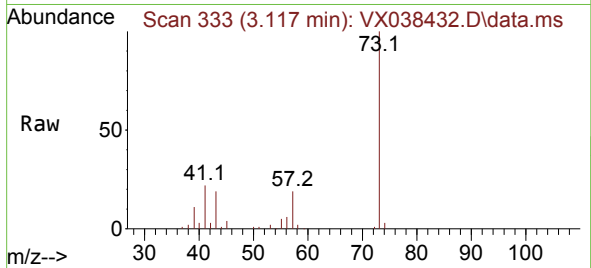




#19
Methyl tert-butyl Ether
Concen: 10.215 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

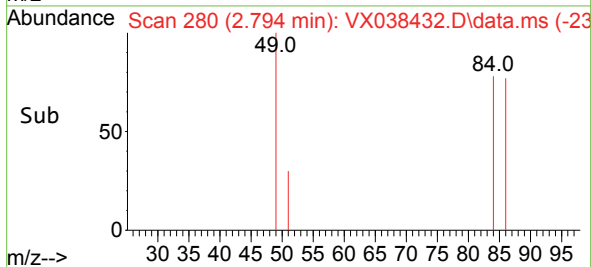
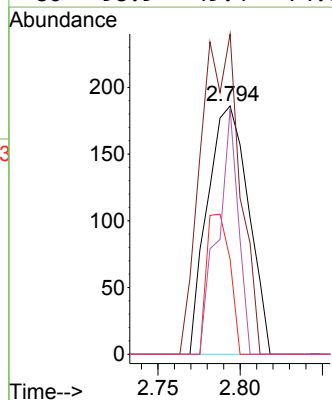
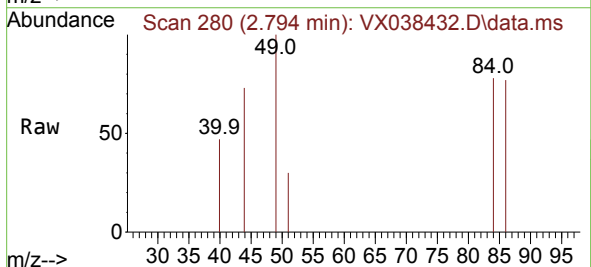
Instrument :
MSVOA_X
ClientSampleId :

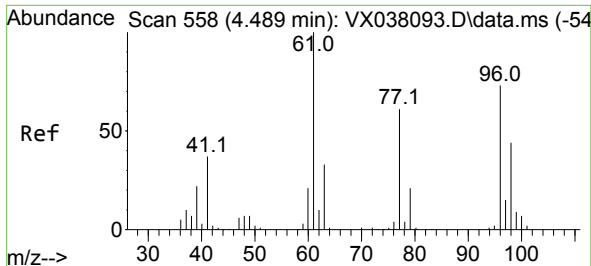
Tgt Ion: 73 Resp: 47049
Ion Ratio Lower Upper
73 100
57 19.2 17.3 25.9



#20
Methylene Chloride
Concen: 0.202 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion: 84 Resp: 322
Ion Ratio Lower Upper
84 100
49 129.0 103.6 155.4
51 38.2 33.8 50.6
86 98.9 49.4 74.0#





#27

cis-1,2-Dichloroethene

Concen: 0.442 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX038432.D

Acq: 23 Oct 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

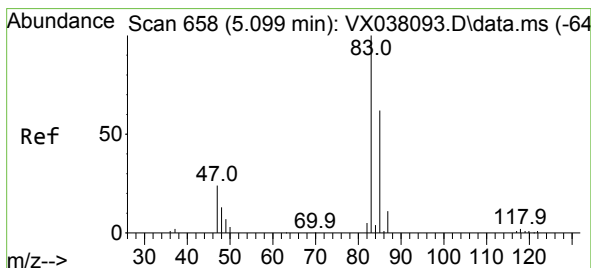
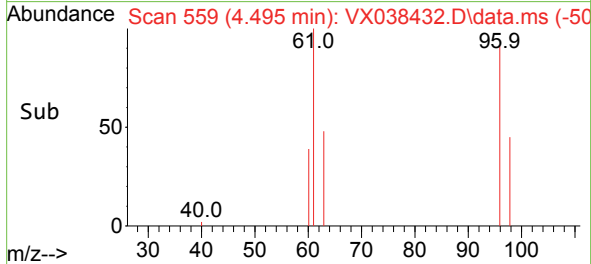
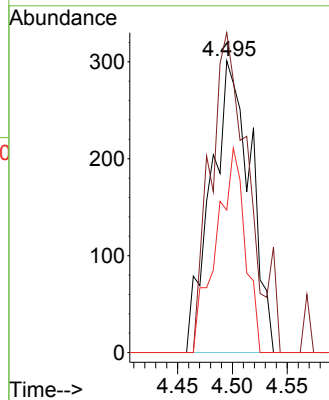
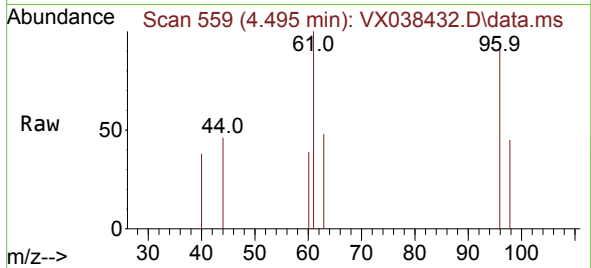
Tgt Ion: 96 Resp: 754

Ion Ratio Lower Upper

96 100

61 106.2 0.0 312.2

98 51.7 0.0 129.0



#30

Chloroform

Concen: 0.649 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.005 min

Lab File: VX038432.D

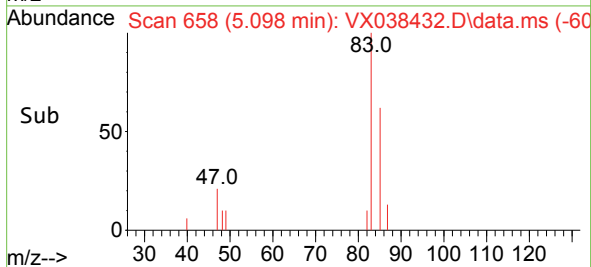
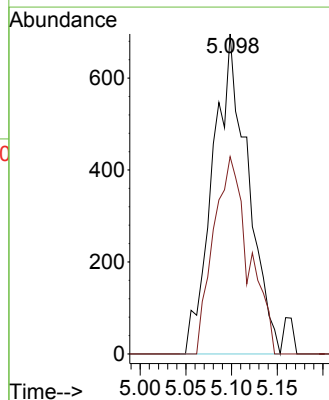
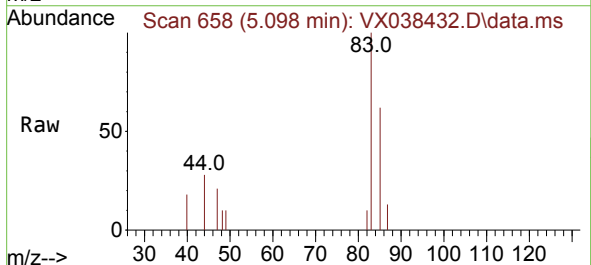
Acq: 23 Oct 2023 15:04

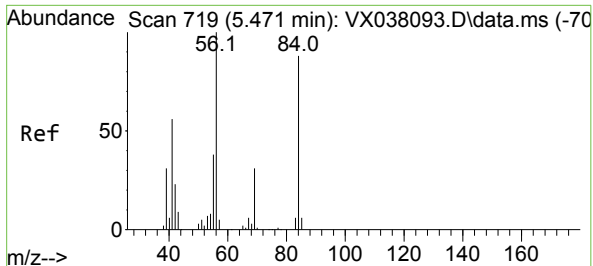
Tgt Ion: 83 Resp: 1866

Ion Ratio Lower Upper

83 100

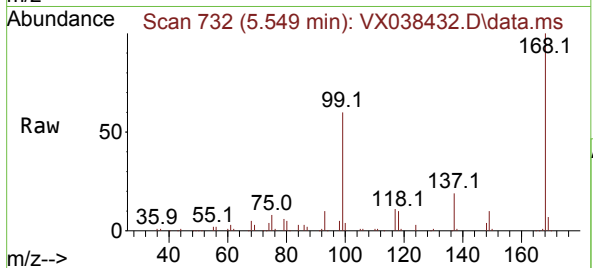
85 61.6 50.3 75.5



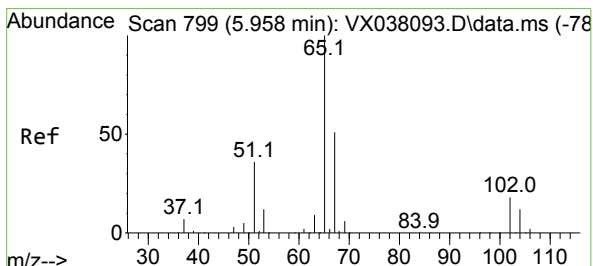
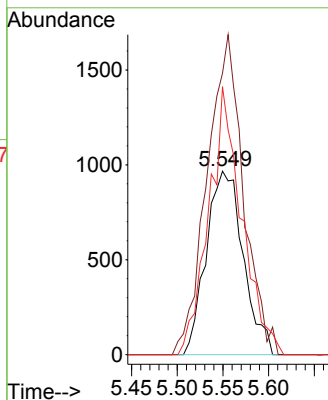
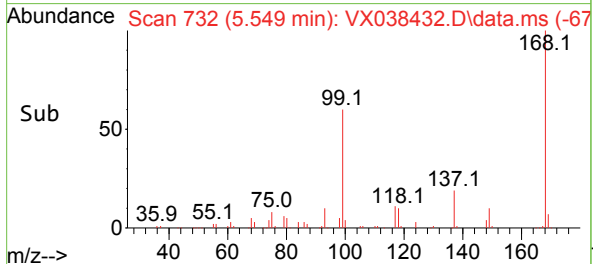


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

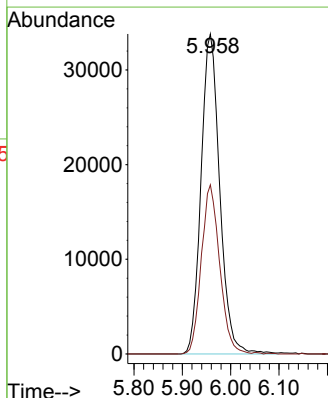
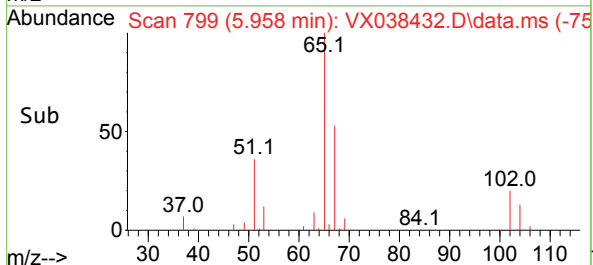
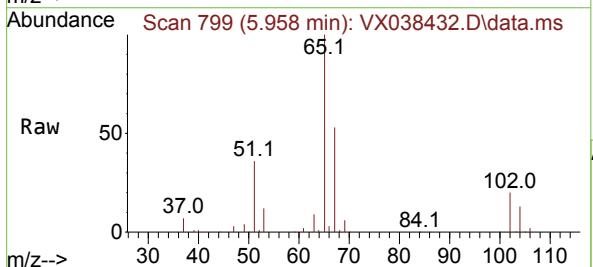


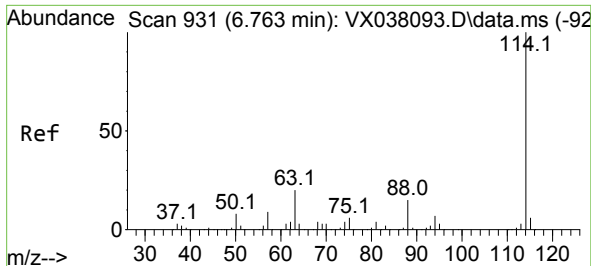
Tgt Ion: 56 Resp: 2716
Ion Ratio Lower Upper
56 100
69 153.4 23.4 35.2#
84 146.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.698 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion: 65 Resp: 90874
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

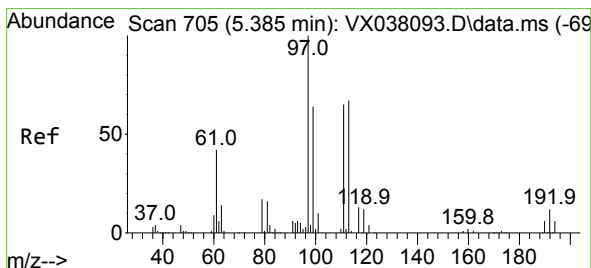
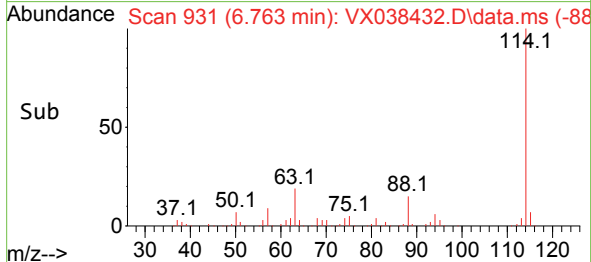
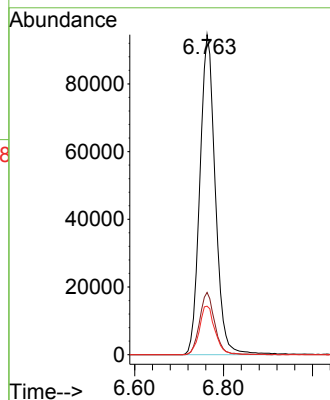
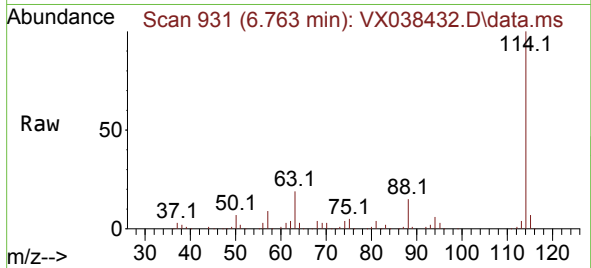




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

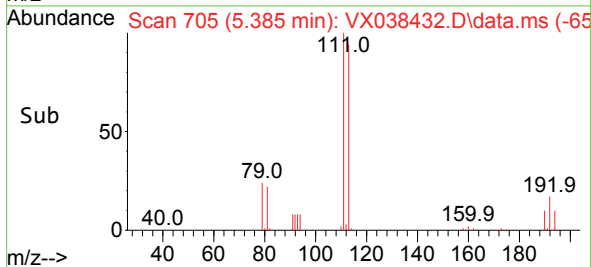
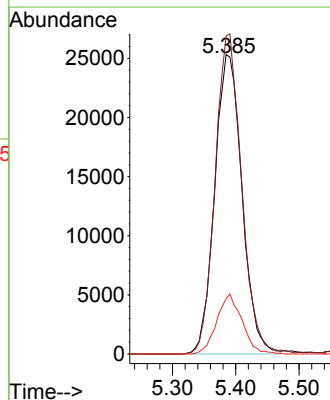
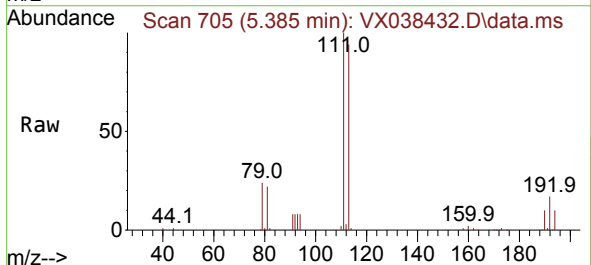
Instrument :
MSVOA_X
ClientSampleId :

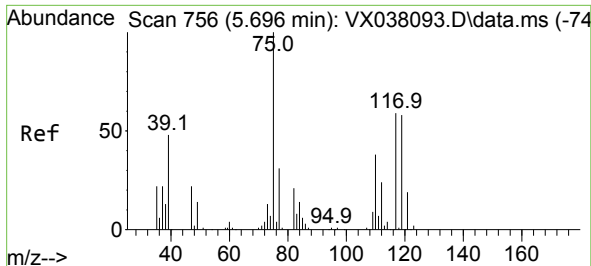
Tgt Ion:114 Resp: 228120
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.092 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

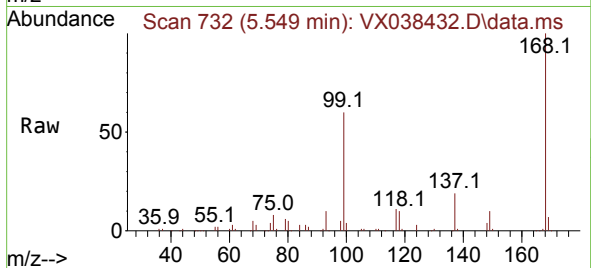
Tgt Ion:113 Resp: 75763
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.5 13.3 19.9



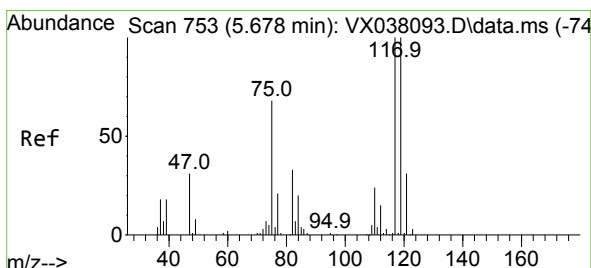
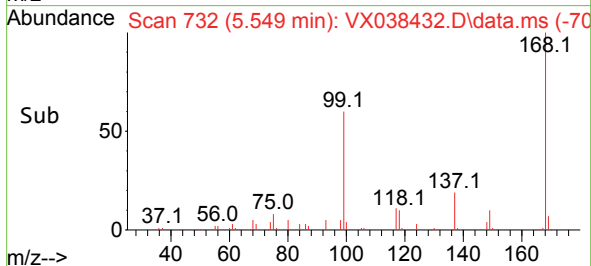
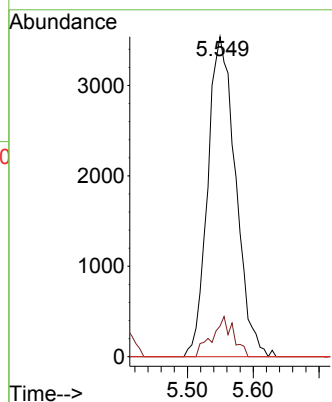


#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.141 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

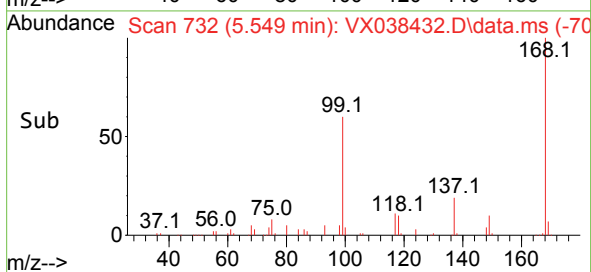
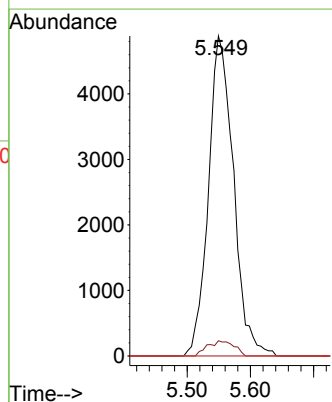
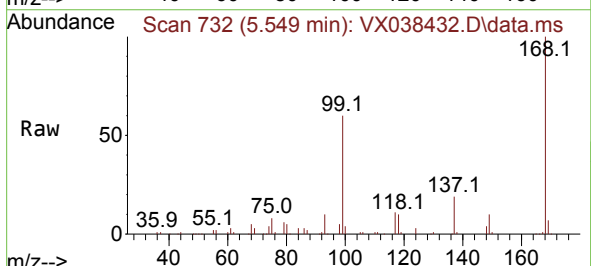


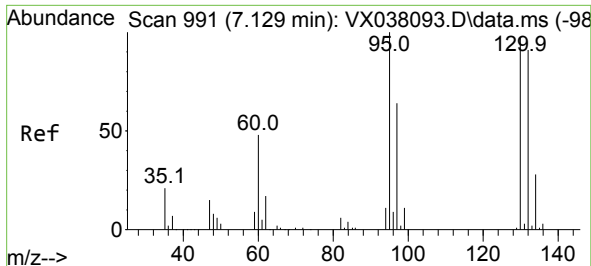
Tgt Ion: 75 Resp: 10446
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.024 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

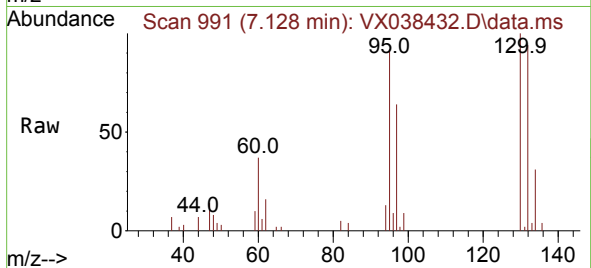
Tgt Ion:117 Resp: 13432
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



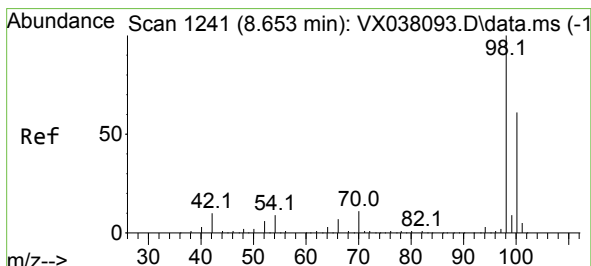
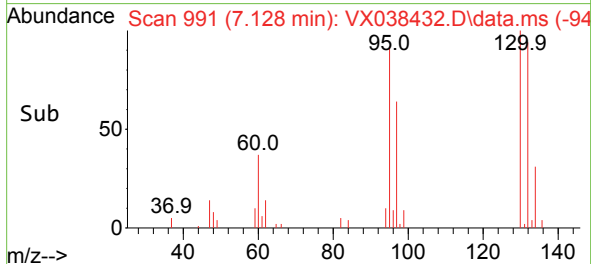
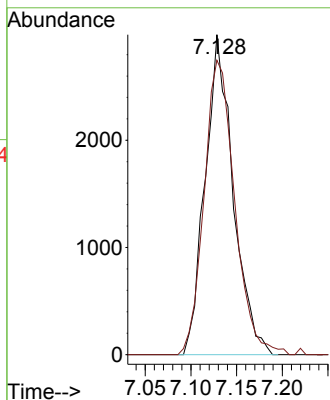


#44
Trichloroethene
Concen: 3.848 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

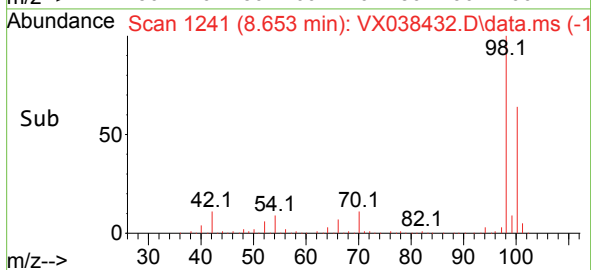
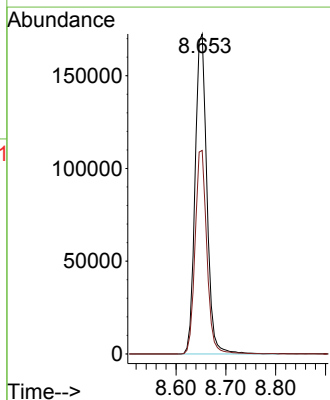
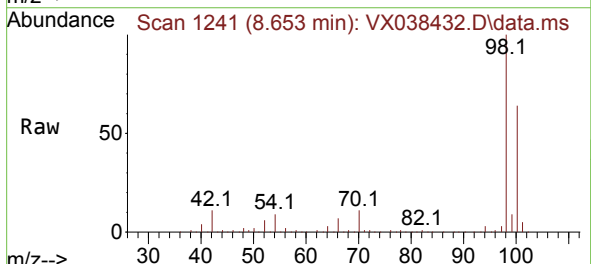


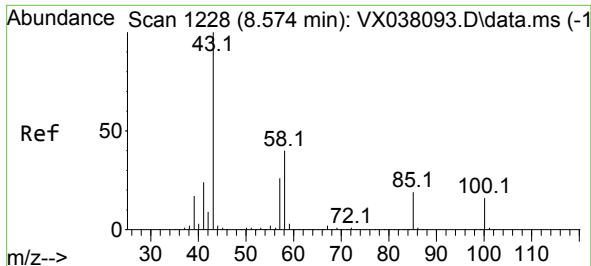
Tgt Ion:130 Resp: 6380
Ion Ratio Lower Upper
130 100
95 92.0 0.0 204.4



#50
Toluene-d8
Concen: 45.088 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion: 98 Resp: 283207
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

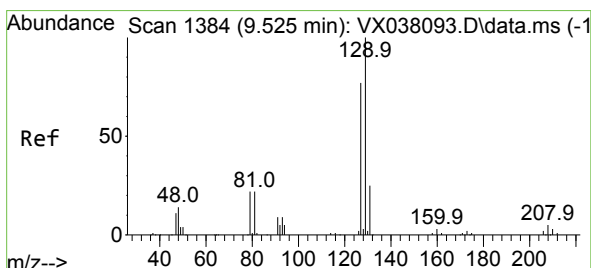
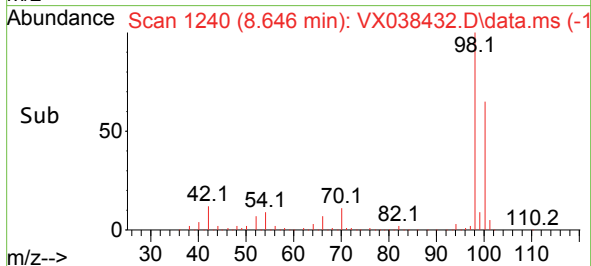
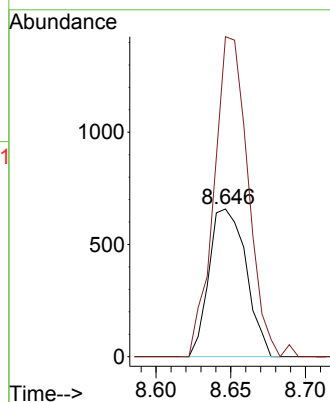
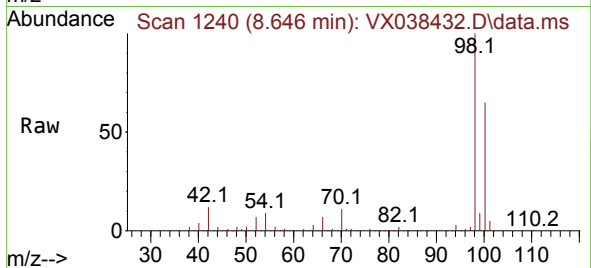




#51
4-Methyl-2-Pentanone
Concen: 0.410 ug/l
RT: 8.646 min Scan# 1136
Delta R.T. 0.072 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

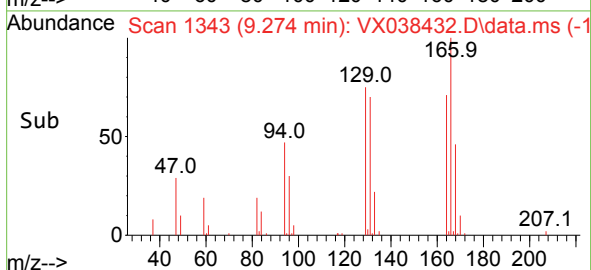
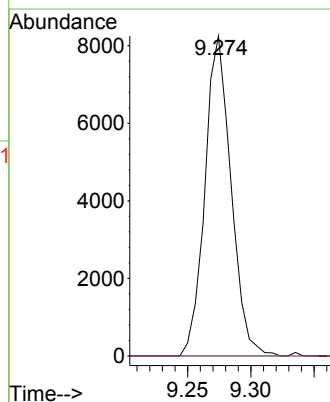
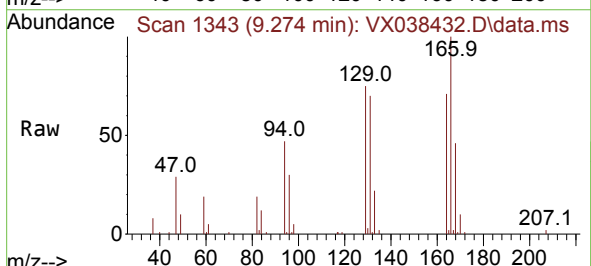
Instrument :
MSVOA_X
ClientSampleId :

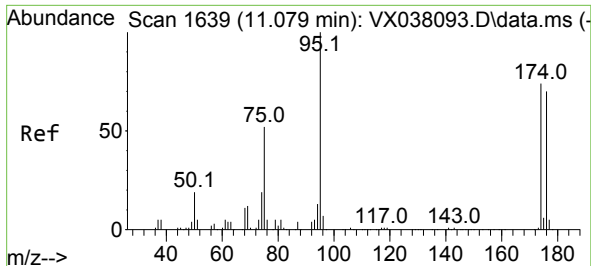
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 199.6 30.4 45.6#



#60
Dibromochloromethane
Concen: 6.849 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion: 129 Resp: 11840
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#





#62

4-Bromofluorobenzene

Concen: 45.096 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038432.D

Acq: 23 Oct 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

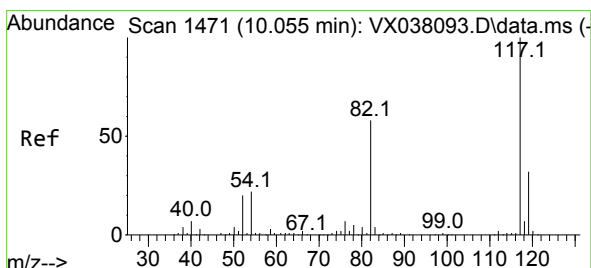
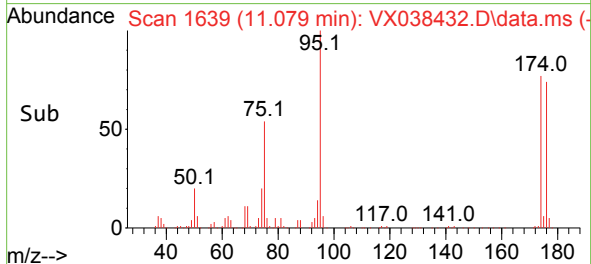
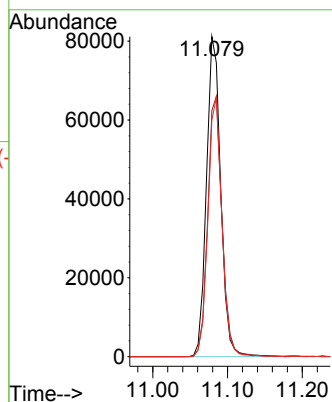
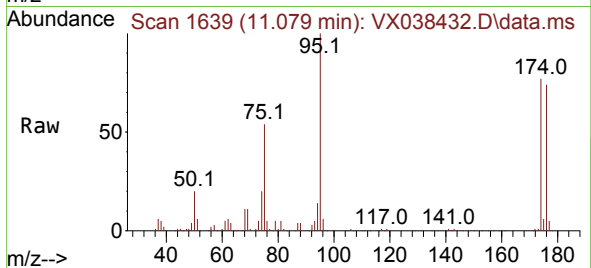
Tgt Ion: 95 Resp: 107385

Ion Ratio Lower Upper

95 100

174 82.0 0.0 135.6

176 79.3 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: VX038432.D

Acq: 23 Oct 2023 15:04

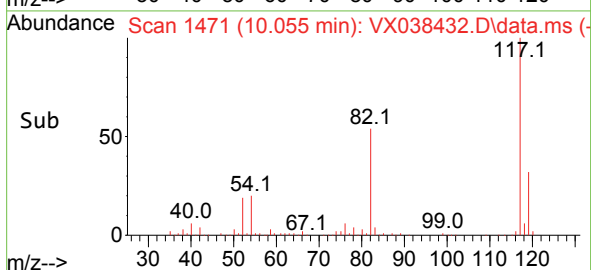
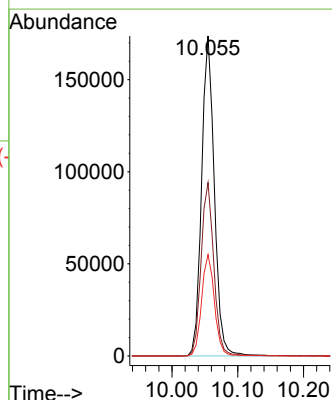
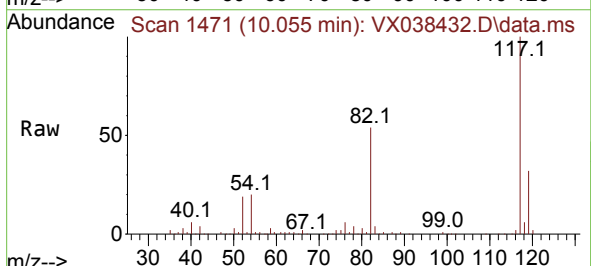
Tgt Ion: 117 Resp: 233609

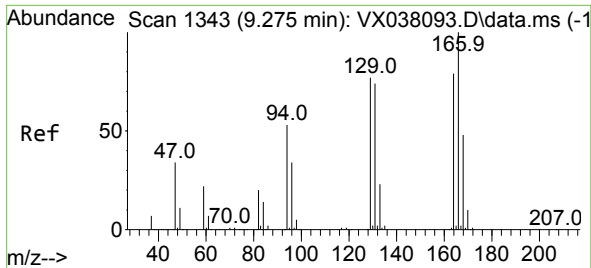
Ion Ratio Lower Upper

117 100

82 54.2 46.2 69.4

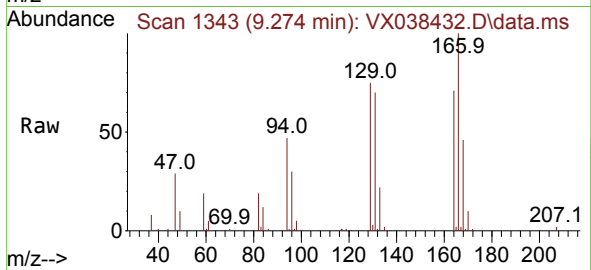
119 31.7 25.5 38.3



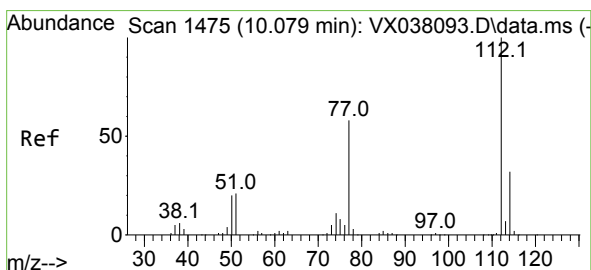
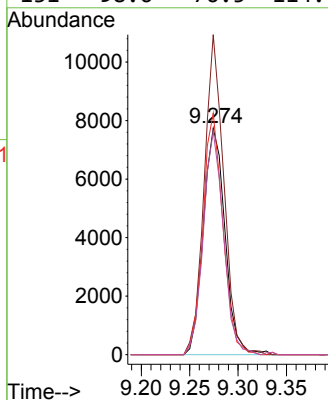
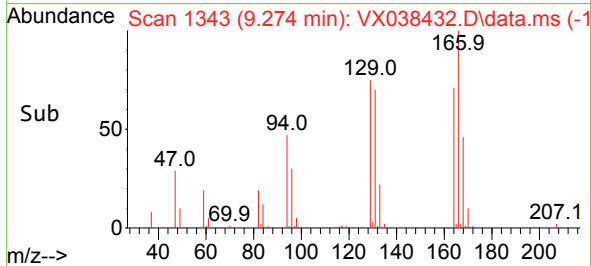


#64
Tetrachloroethene
Concen: 7.964 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

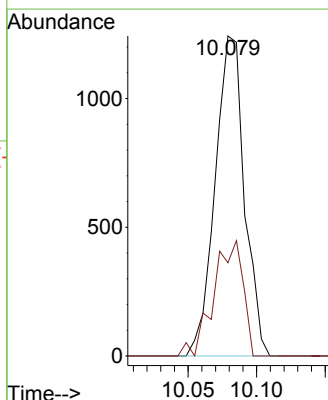
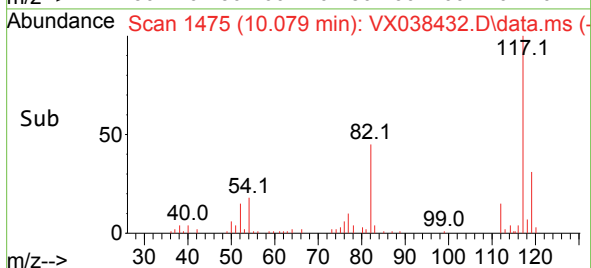
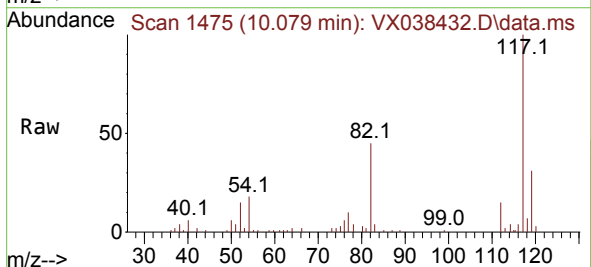


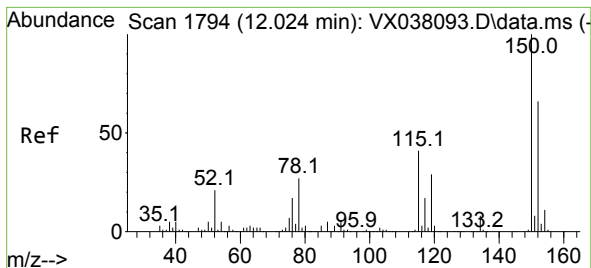
Tgt Ion:164 Resp: 12044
Ion Ratio Lower Upper
164 100
166 141.3 102.7 154.1
129 106.6 80.4 120.6
131 98.6 76.5 114.7



#65
Chlorobenzene
Concen: 0.378 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion:112 Resp: 1849
Ion Ratio Lower Upper
112 100
114 29.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038432.D

Acq: 23 Oct 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

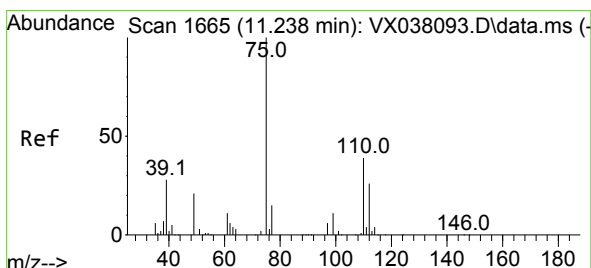
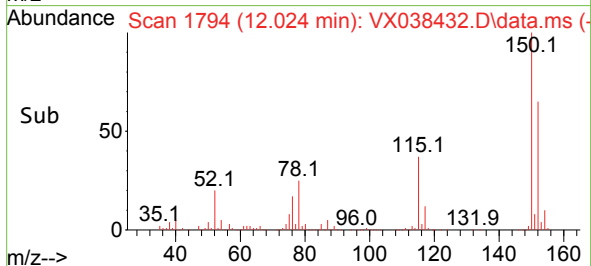
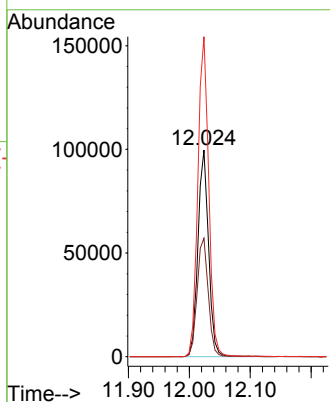
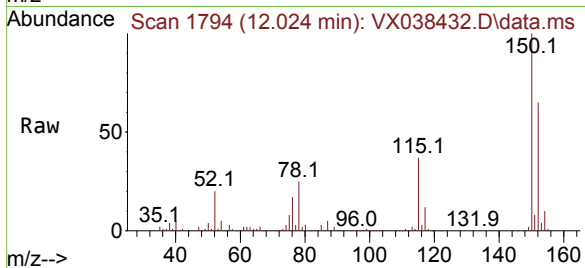
Tgt Ion:152 Resp: 121030

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 158.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.075 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038432.D

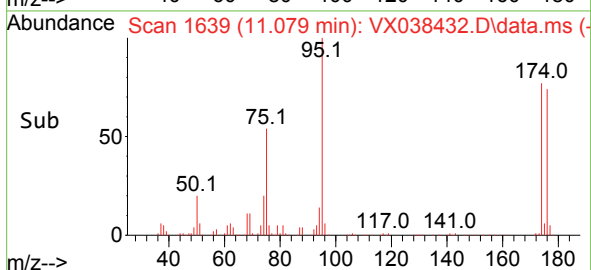
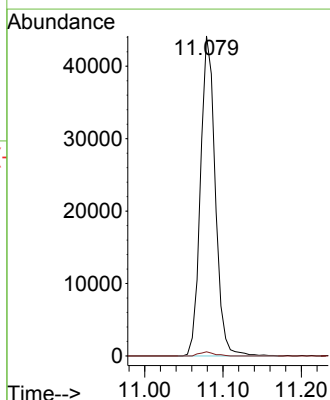
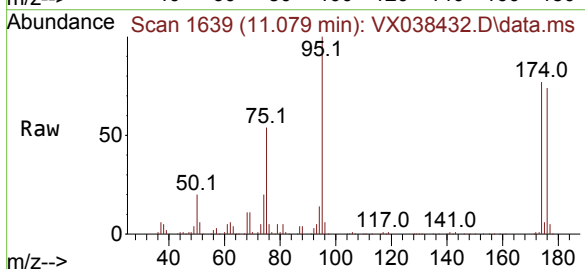
Acq: 23 Oct 2023 15:04

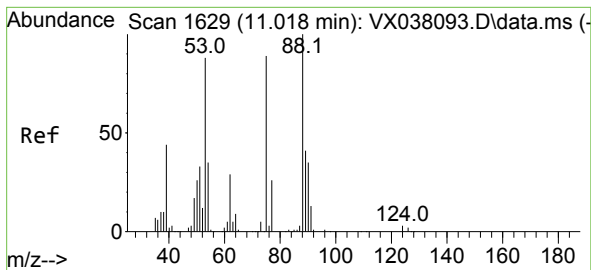
Tgt Ion: 75 Resp: 57986

Ion Ratio Lower Upper

75 100

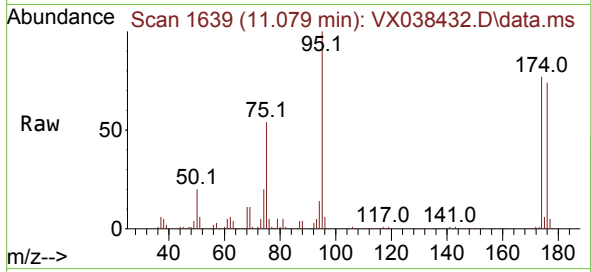
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.606 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038432.D
 Acq: 23 Oct 2023 15:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57986
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

