

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040209.D
 Acq On : 12 Feb 2024 18:55
 Operator : JC/MD
 Sample : P1371-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T240-AOP

Quant Time: Feb 13 00:42:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

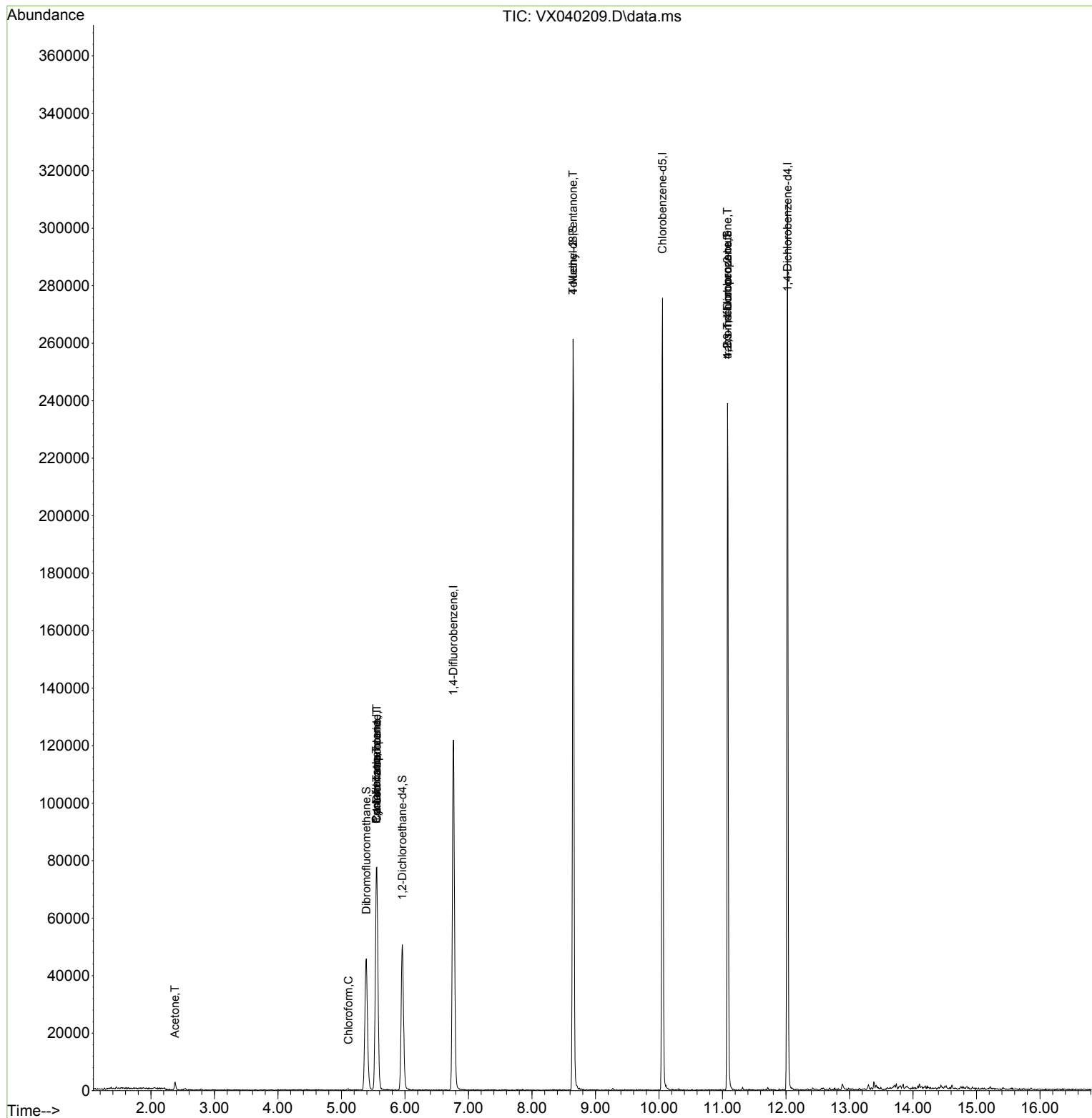
Internal Standards						
1) Pentafluorobenzene	5.550	168	73808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47828	43.557	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.120%
35) Dibromofluoromethane	5.391	113	39394	45.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	8.647	98	154471	47.737	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.480%
62) 4-Bromofluorobenzene	11.079	95	62572	47.413	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.820%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3042	6.745	ug/l	100
20) Methylene Chloride	2.794	84	109	Below Cal	#	49
30) Chloroform	5.111	83	387	0.232	ug/l #	76
31) Cyclohexane	5.550	56	1663	1.270	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	5791	4.779	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7506	6.515	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	784	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33044	24.937	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	33044	68.603	ug/l #	5

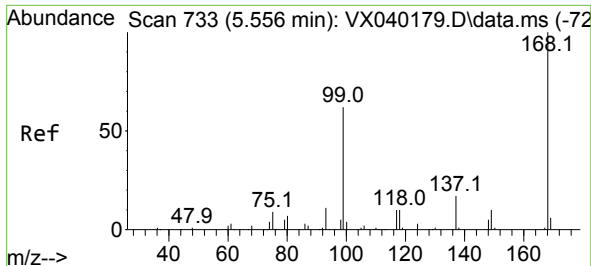
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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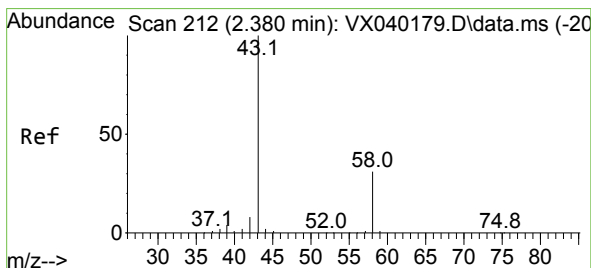
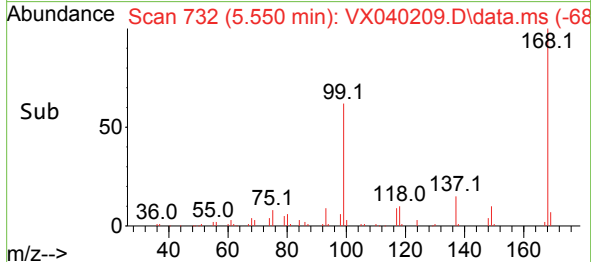
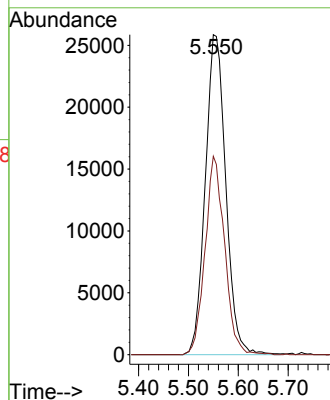
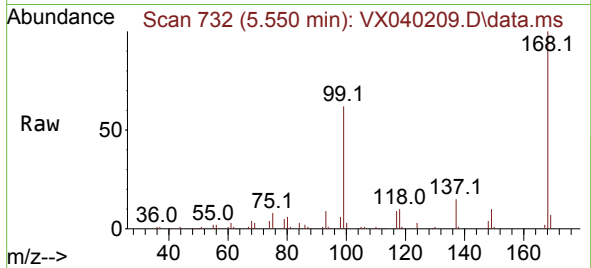




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

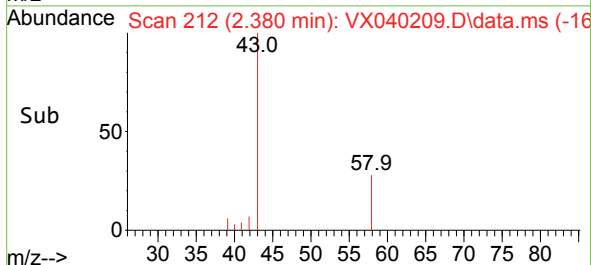
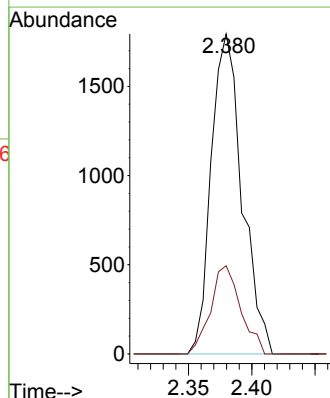
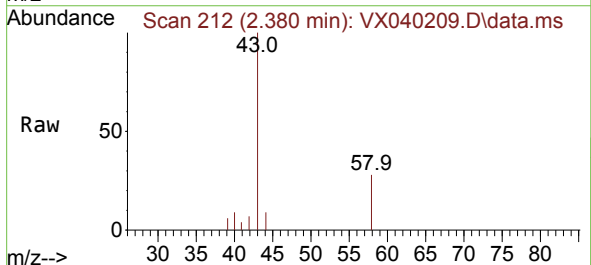
Instrument :
MSVOA_X
ClientSampleId :
T240-AOP

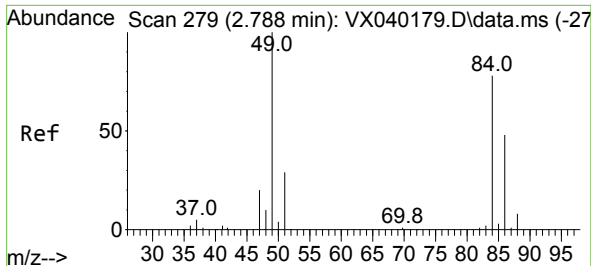
Tgt Ion:168 Resp: 73808
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#16
Acetone
Concen: 6.745 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

Tgt Ion: 43 Resp: 3042
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040209.D

Acq: 12 Feb 2024 18:55

Instrument :

MSVOA_X

ClientSampleId :

T240-AOP

Tgt Ion: 84 Resp: 109

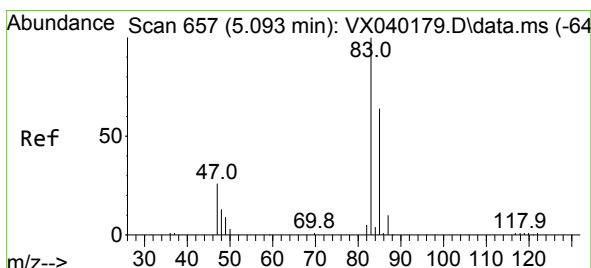
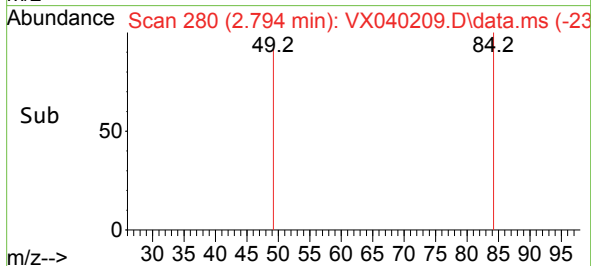
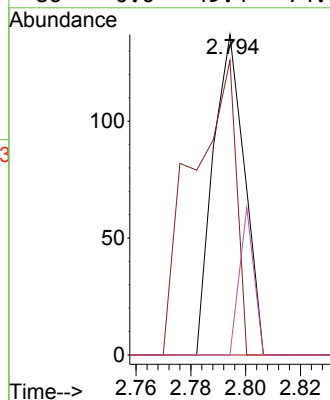
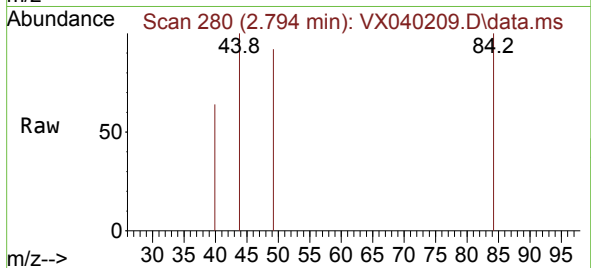
Ion Ratio Lower Upper

84 100

49 92.0 103.6 155.4#

51 0.0 33.8 50.6#

86 0.0 49.4 74.0#



#30

Chloroform

Concen: 0.232 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.012 min

Lab File: VX040209.D

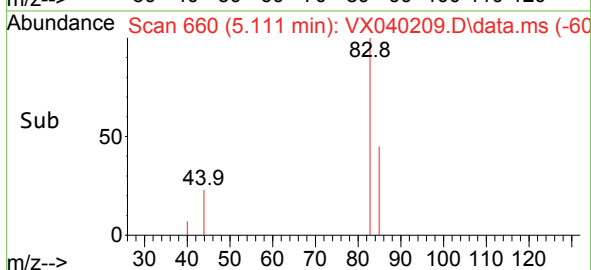
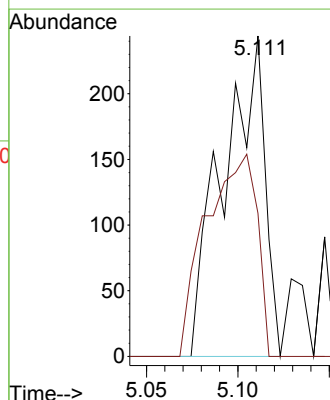
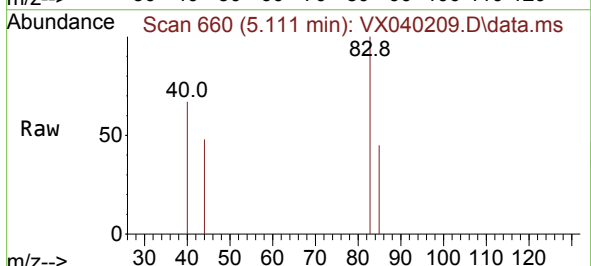
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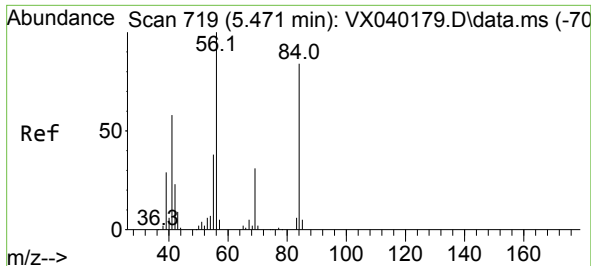
Tgt Ion: 83 Resp: 387

Ion Ratio Lower Upper

83 100

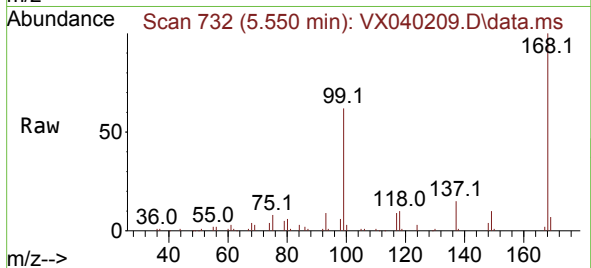
85 44.7 50.3 75.5#



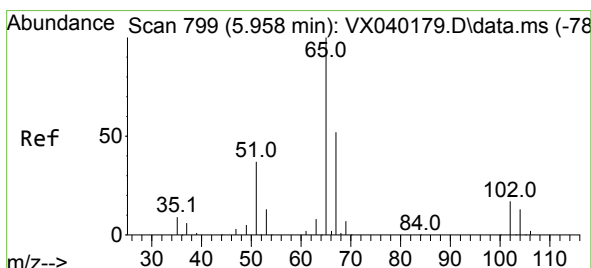
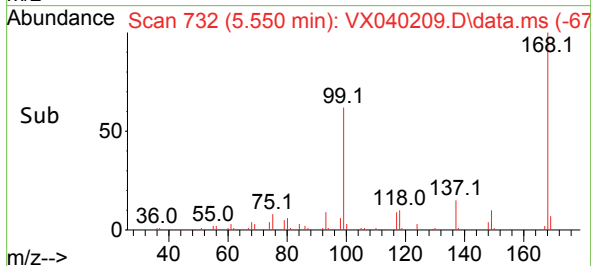
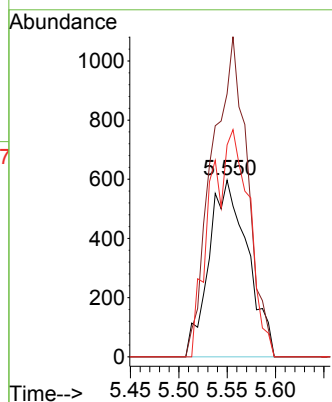


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

Instrument :
MSVOA_X
ClientSampleId :
T240-AOP

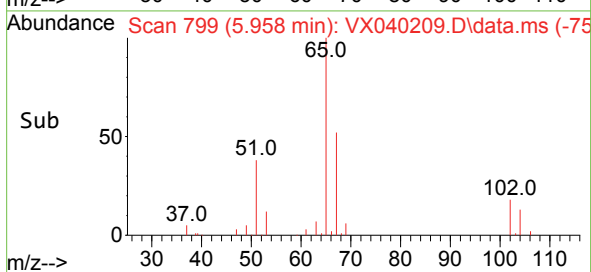
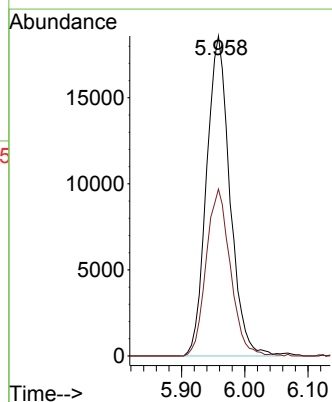
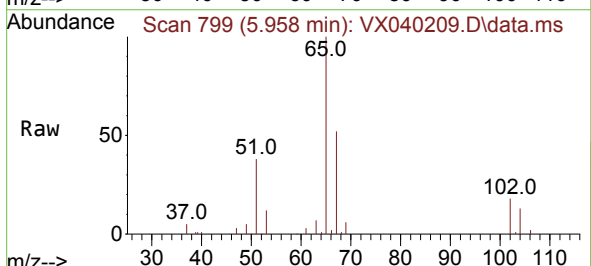


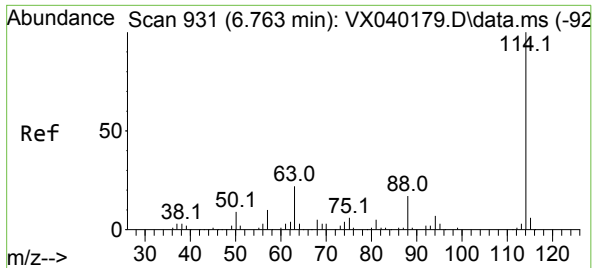
Tgt Ion: 56 Resp: 1663
Ion Ratio Lower Upper
56 100
69 148.9 23.4 35.2#
84 119.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.557 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

Tgt Ion: 65 Resp: 47828
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

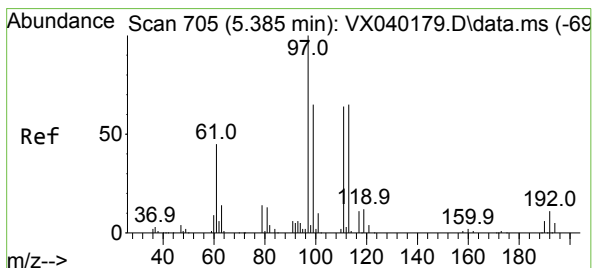
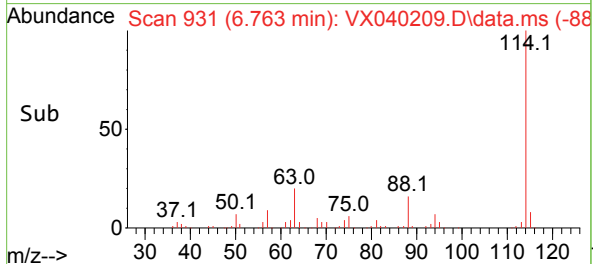
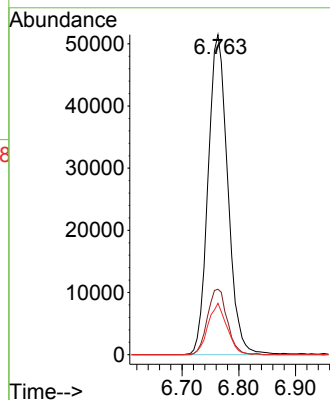
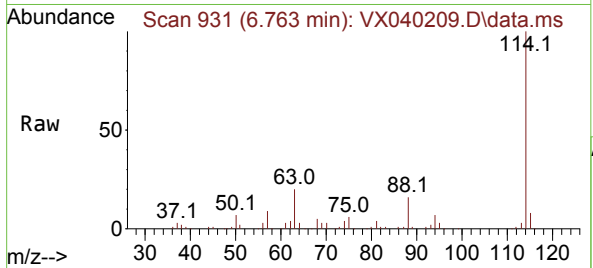




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

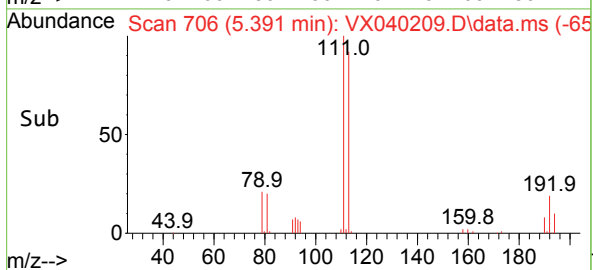
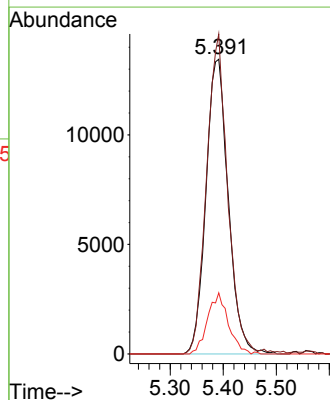
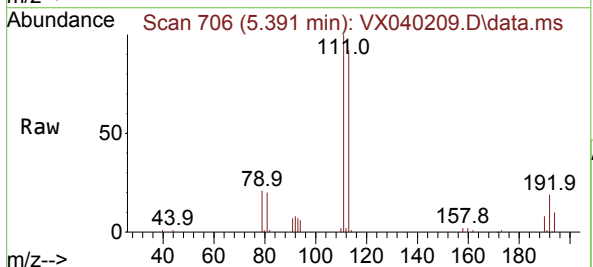
Instrument :
MSVOA_X
ClientSampleId :
T240-AOP

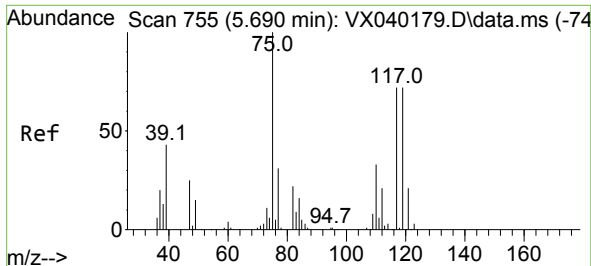
Tgt Ion:114 Resp: 123871
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.540 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

Tgt Ion:113 Resp: 39394
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 19.2 13.3 19.9

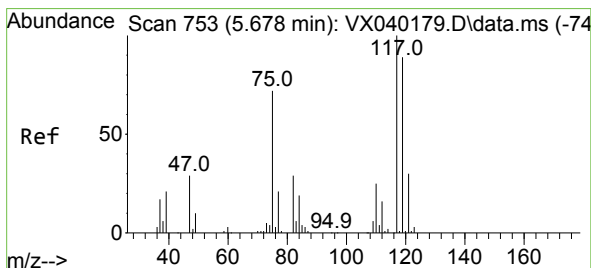
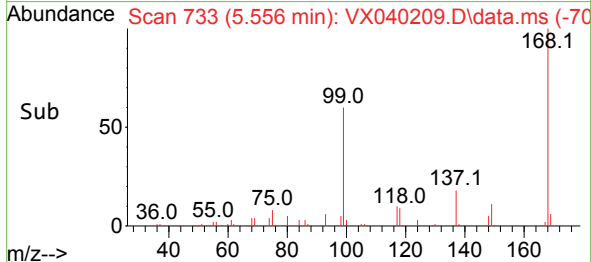
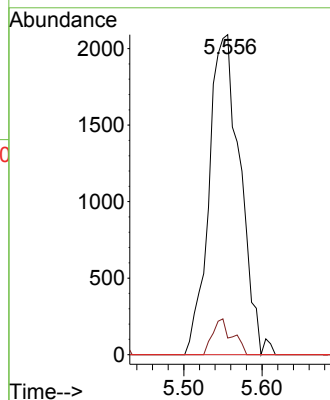
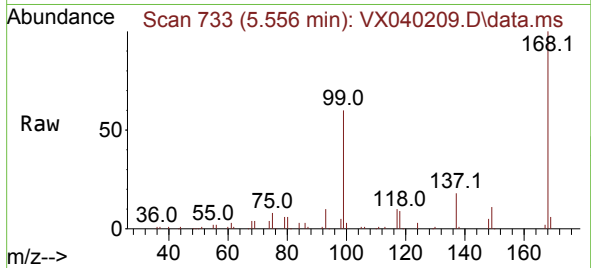




#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

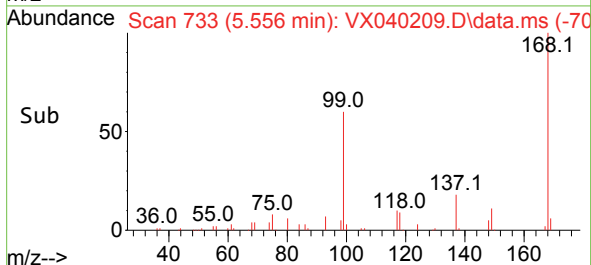
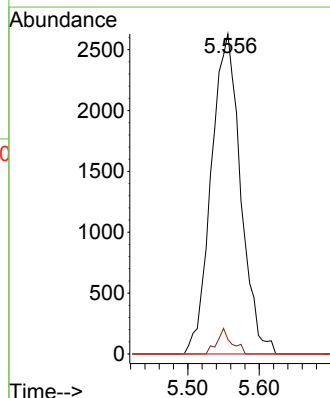
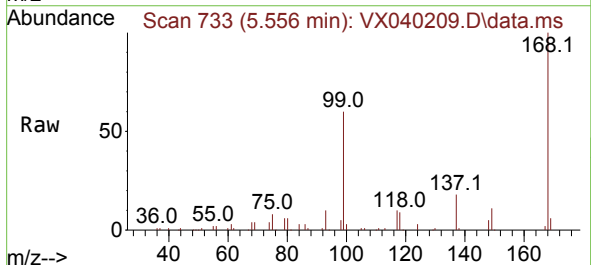
Instrument :
MSVOA_X
ClientSampleId :
T240-AOP

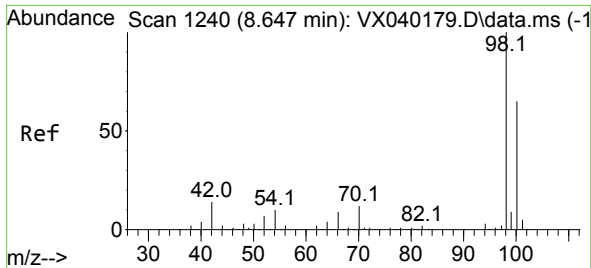
Tgt Ion: 75 Resp: 5791
Ion Ratio Lower Upper
75 100
110 7.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.515 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

Tgt Ion: 117 Resp: 7506
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

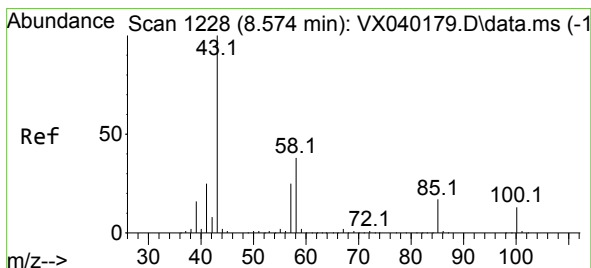
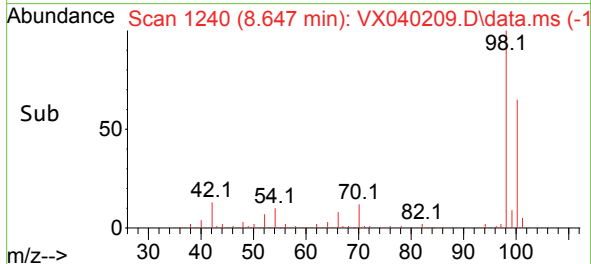
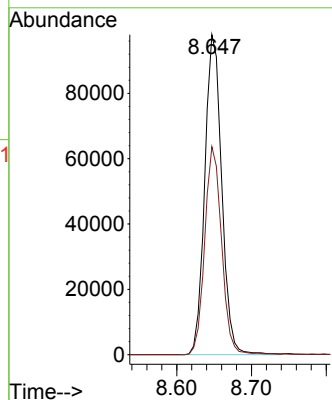
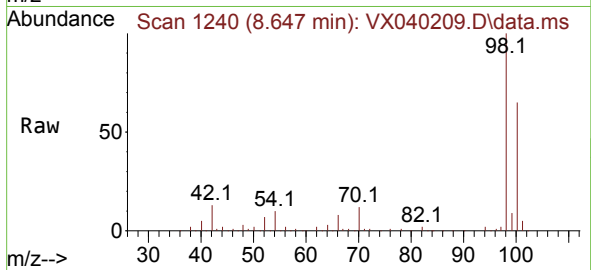




#50
Toluene-d8
Concen: 47.737 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

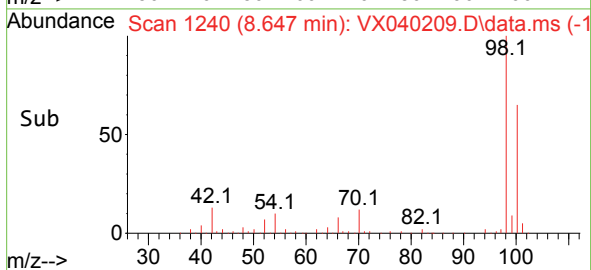
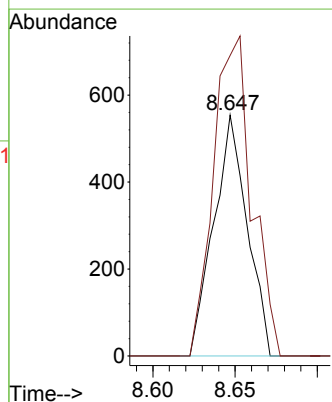
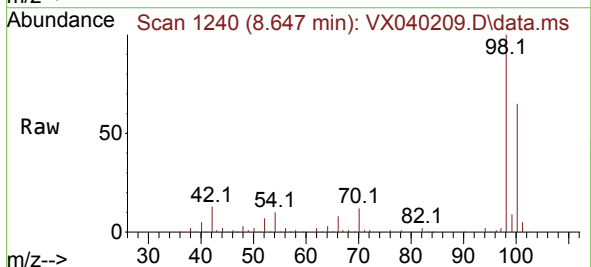
Instrument :
MSVOA_X
ClientSampleId :
T240-AOP

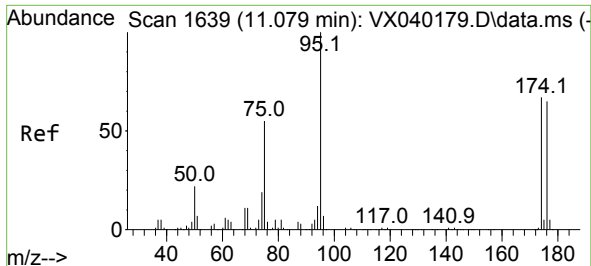
Tgt Ion: 98 Resp: 154471
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 152.6 30.4 45.6#

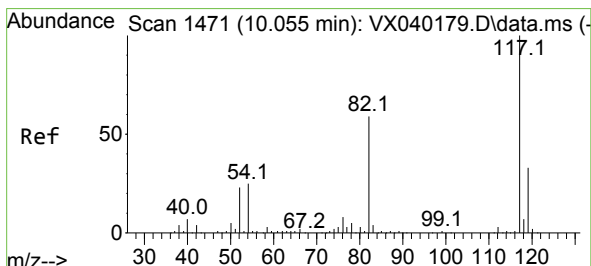
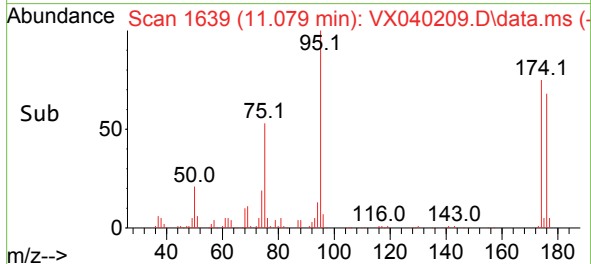
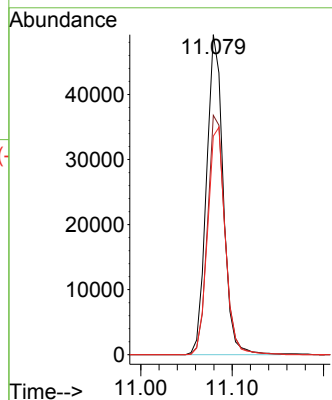
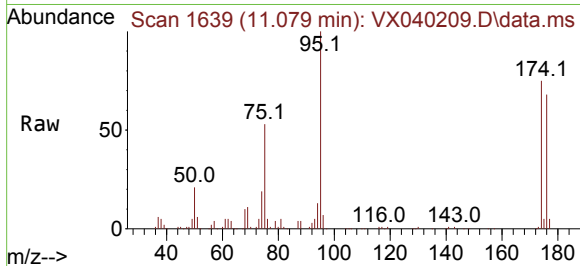




#62
4-Bromofluorobenzene
Concen: 47.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

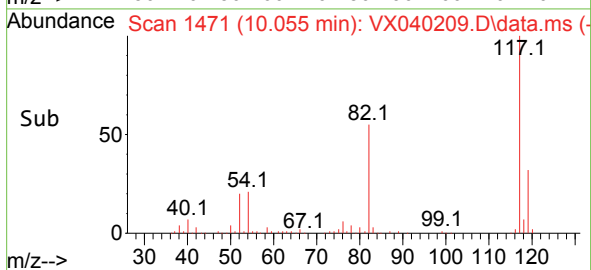
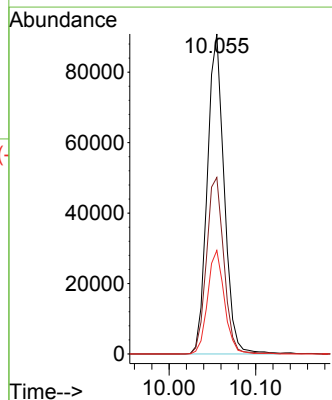
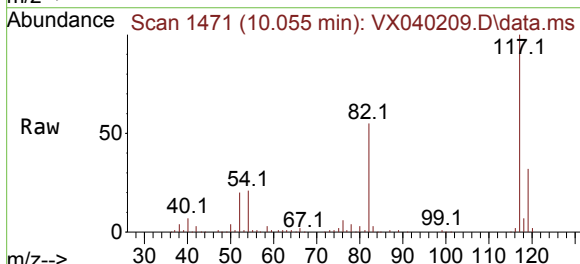
Instrument :
MSVOA_X
ClientSampleId :
T240-AOP

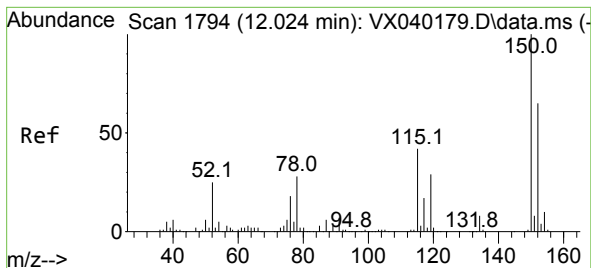
Tgt Ion: 95 Resp: 62572
Ion Ratio Lower Upper
95 100
174 78.0 0.0 135.6
176 74.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040209.D
Acq: 12 Feb 2024 18:55

Tgt Ion: 117 Resp: 122879
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.3 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: VX040209.D

Acq: 12 Feb 2024 18:55

Instrument :

MSVOA_X

ClientSampleId :

T240-AOP

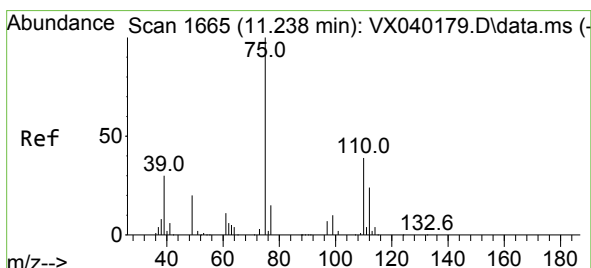
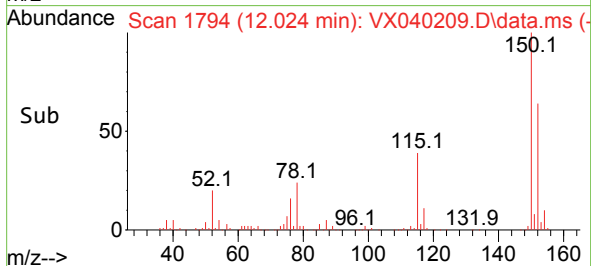
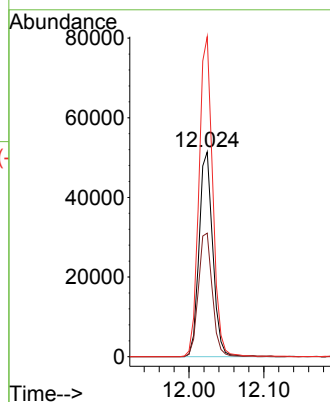
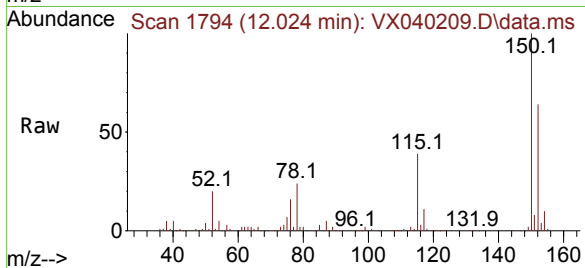
Tgt Ion:152 Resp: 65437

Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.937 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040209.D

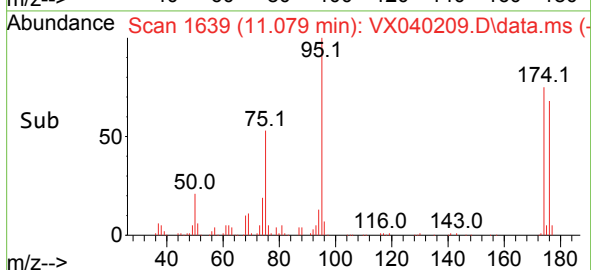
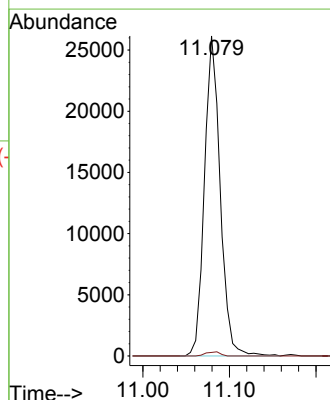
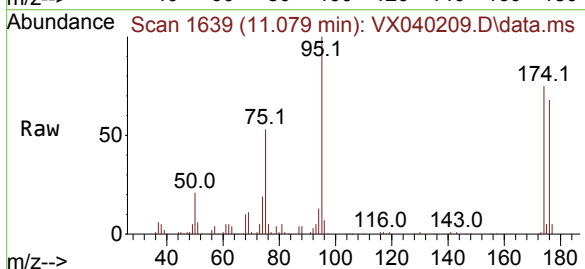
Acq: 12 Feb 2024 18:55

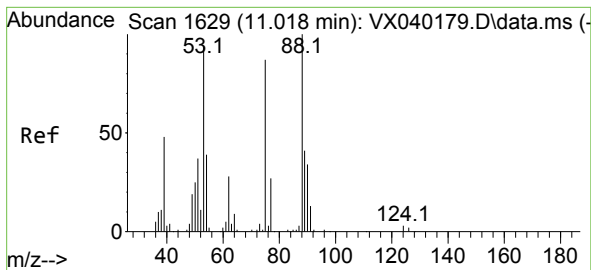
Tgt Ion: 75 Resp: 33044

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.603 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040209.D
 Acq: 12 Feb 2024 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T240-AOP

Tgt Ion: 75 Resp: 33044
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

