

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038181.D
 Acq On : 09 Oct 2023 18:52
 Operator : JC/MD
 Sample : 04723-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4B

Quant Time: Oct 10 01:01:00 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)

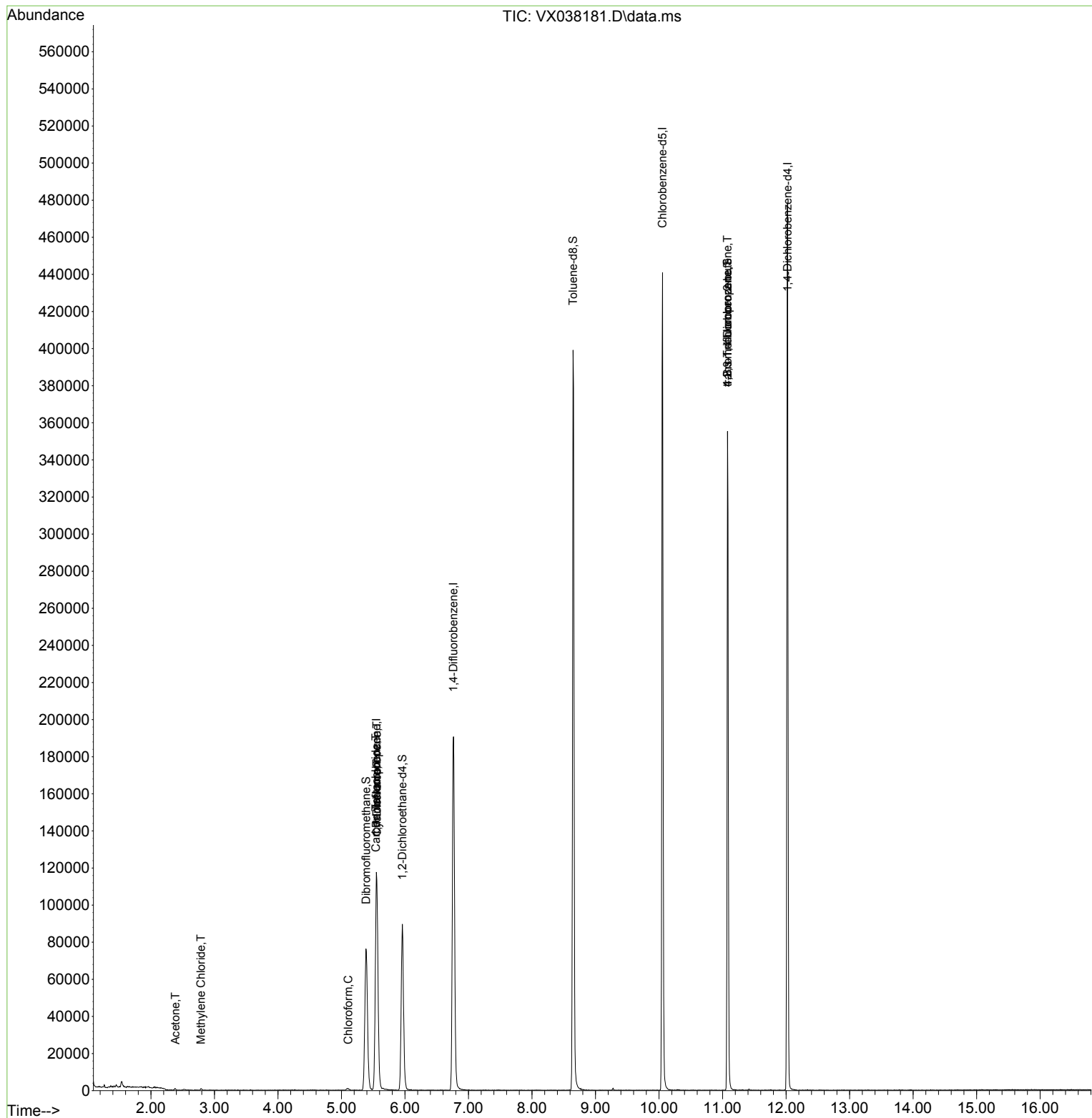
Internal Standards						
1) Pentafluorobenzene	5.550	168	111084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82933	46.416	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.840%
35) Dibromofluoromethane	5.385	113	65436	45.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.080%
50) Toluene-d8	8.647	98	247248	44.539	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.080%#
62) 4-Bromofluorobenzene	11.079	95	89582	42.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.140%
Target Compounds						
					Qvalue	
6) Chloroethane	1.678	64	141	Below Cal	#	43
16) Acetone	2.386	43	767	1.029	ug/l	100
20) Methylene Chloride	2.788	84	356	0.254	ug/l #	68
30) Chloroform	5.105	83	1127	0.446	ug/l #	82
31) Cyclohexane	5.556	56	2898	1.497	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	9286	4.635	ug/l #	50
38) Carbon Tetrachloride	5.544	117	11378	5.773	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	50713	22.641	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50713	64.810	ug/l #	5

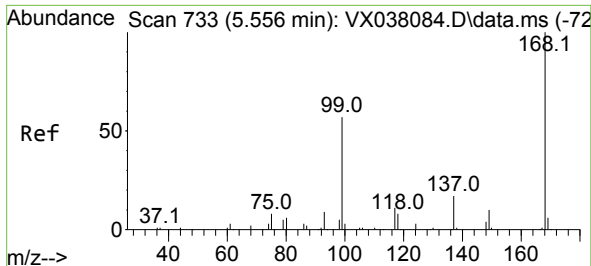
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

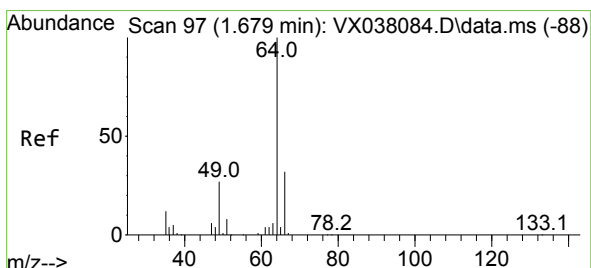
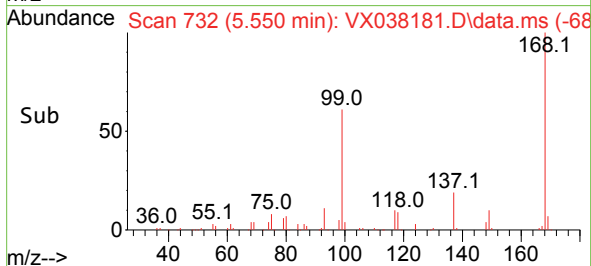
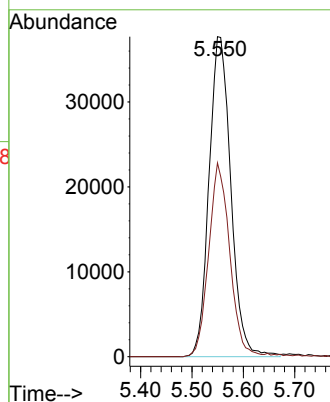
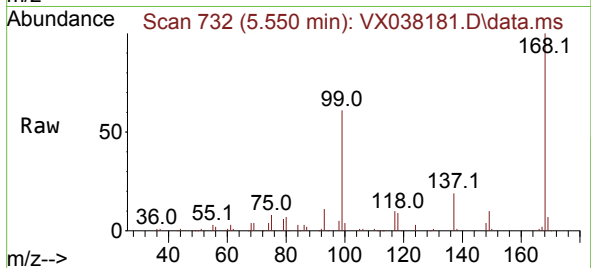




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038181.D
Acq: 09 Oct 2023 18:52

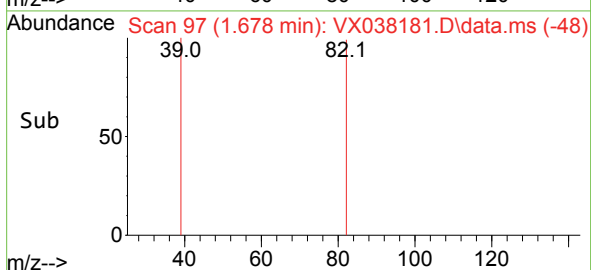
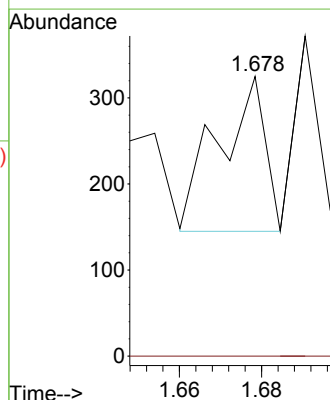
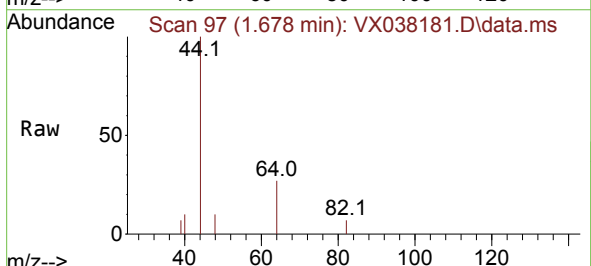
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

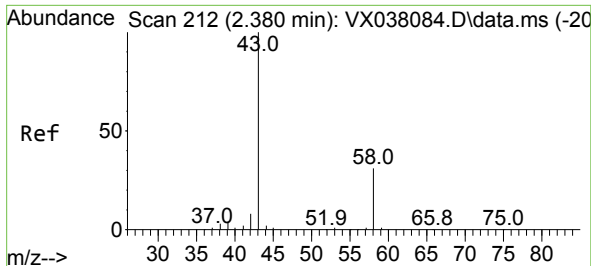
Tgt Ion:168 Resp: 111084
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038181.D
Acq: 09 Oct 2023 18:52

Tgt Ion: 64 Resp: 141
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#16

Acetone

Concen: 1.029 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX038181.D

Acq: 09 Oct 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

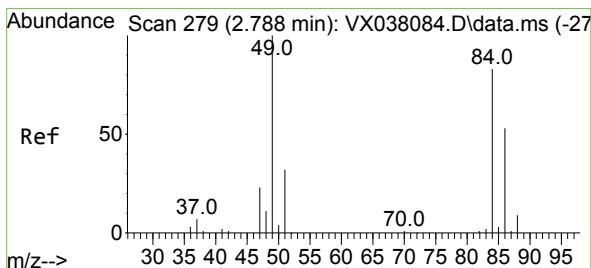
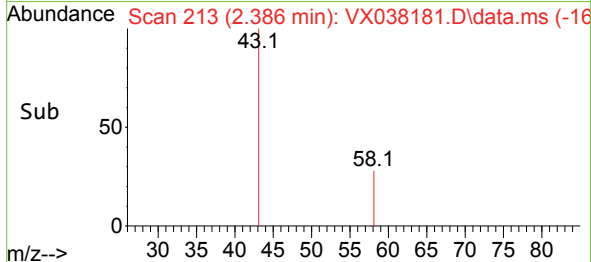
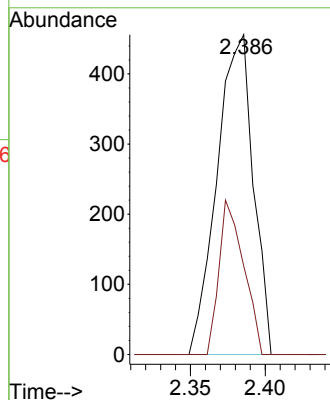
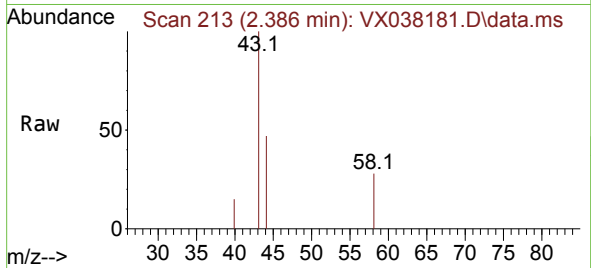
MW-4B

Tgt Ion: 43 Resp: 767

Ion Ratio Lower Upper

43 100

58 27.6 21.9 32.9



#20

Methylene Chloride

Concen: 0.254 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038181.D

Acq: 09 Oct 2023 18:52

Tgt Ion: 84 Resp: 356

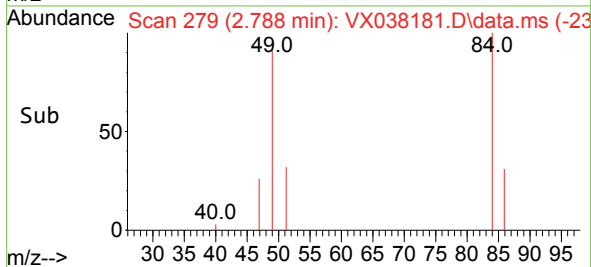
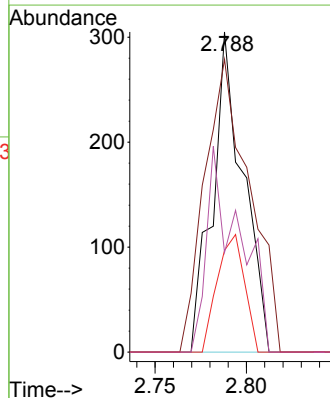
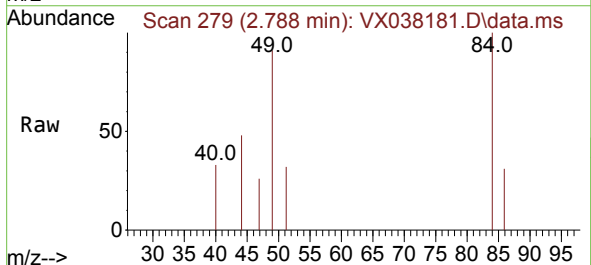
Ion Ratio Lower Upper

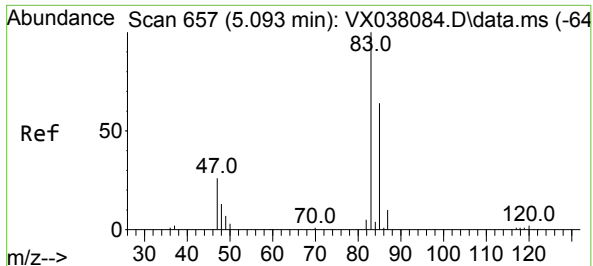
84 100

49 91.5 103.6 155.4#

51 31.8 33.8 50.6#

86 31.1 49.4 74.0#





#30

Chloroform

Concen: 0.446 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX038181.D

Acq: 09 Oct 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

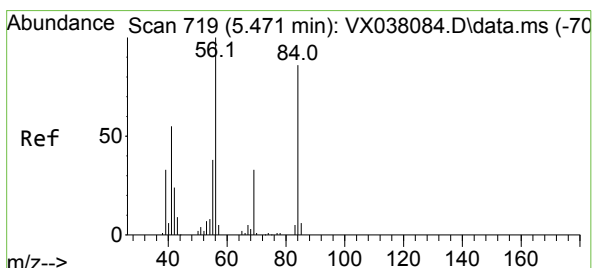
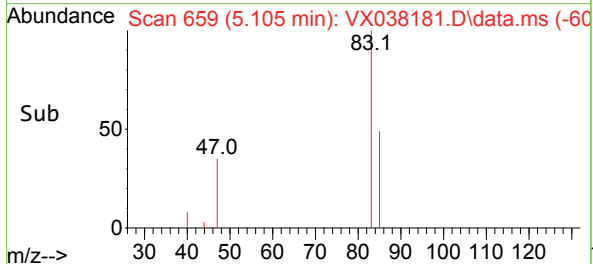
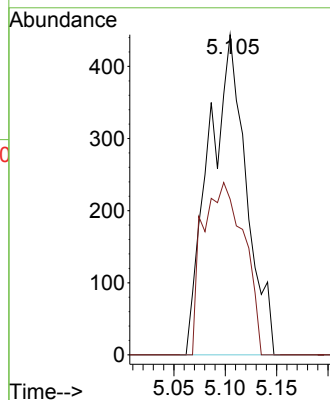
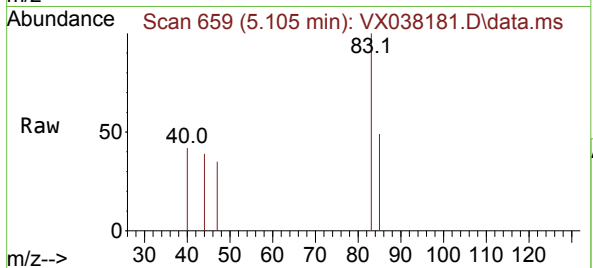
MW-4B

Tgt Ion: 83 Resp: 1127

Ion Ratio Lower Upper

83 100

85 48.6 50.3 75.5#



#31

Cyclohexane

Concen: 1.497 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038181.D

Acq: 09 Oct 2023 18:52

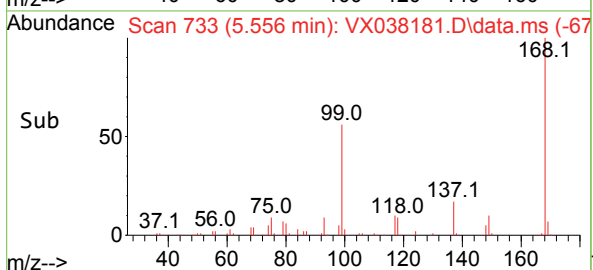
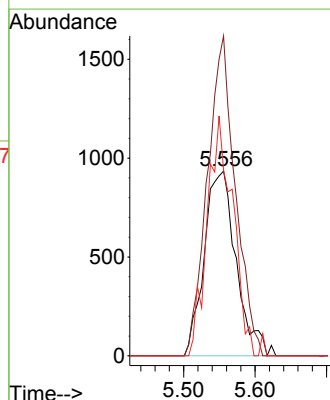
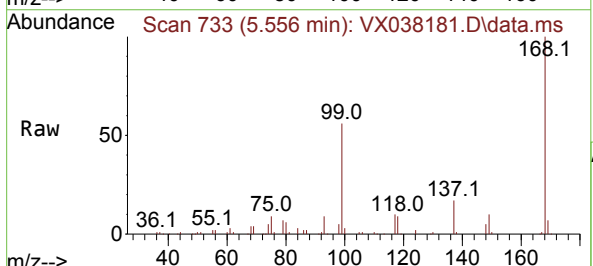
Tgt Ion: 56 Resp: 2898

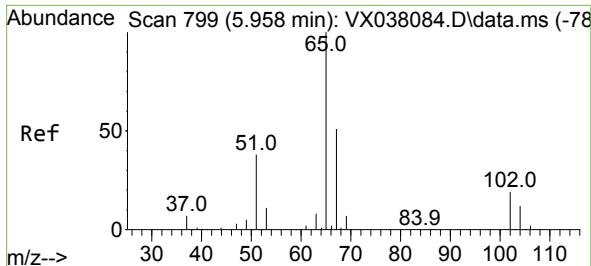
Ion Ratio Lower Upper

56 100

69 173.2 23.4 35.2#

84 100.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.416 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038181.D

Acq: 09 Oct 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

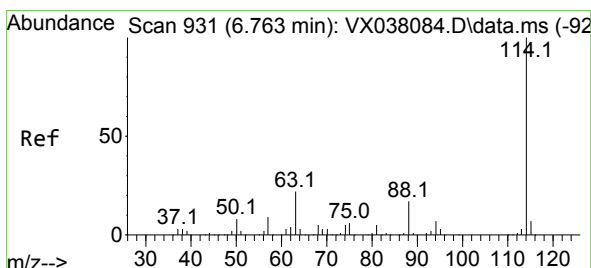
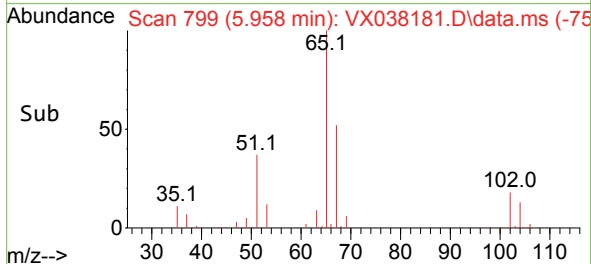
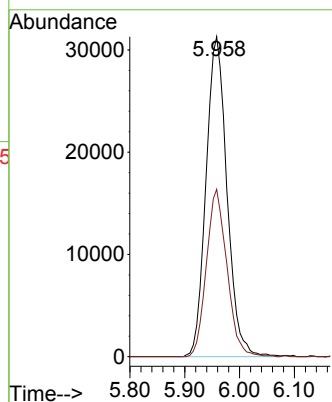
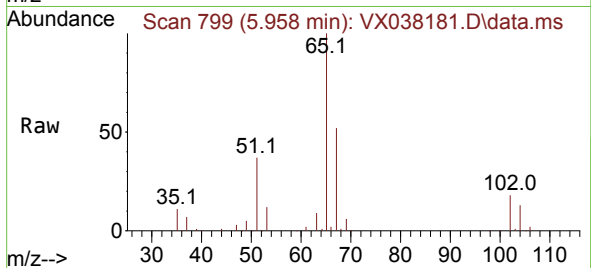
MW-4B

Tgt Ion: 65 Resp: 82933

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038181.D

Acq: 09 Oct 2023 18:52

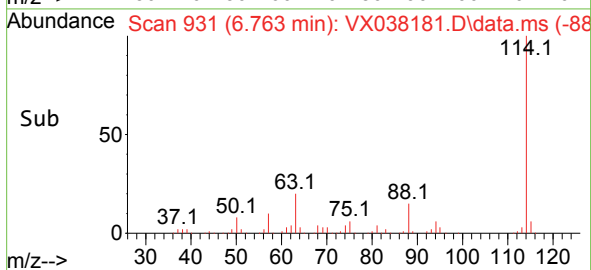
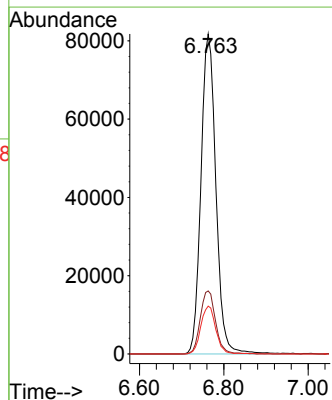
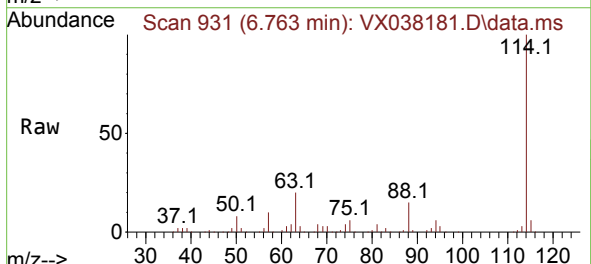
Tgt Ion:114 Resp: 201613

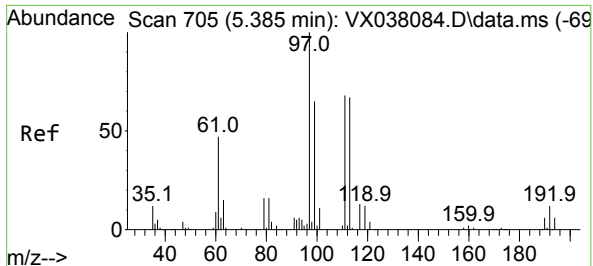
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 14.9 0.0 36.6

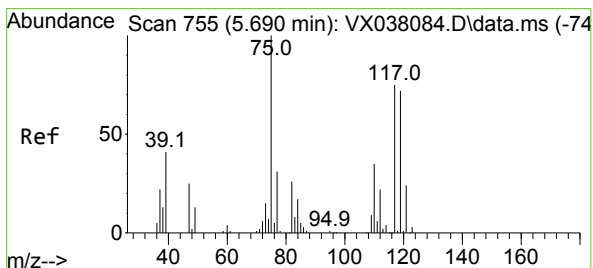
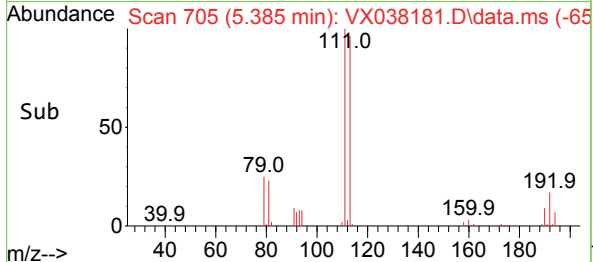
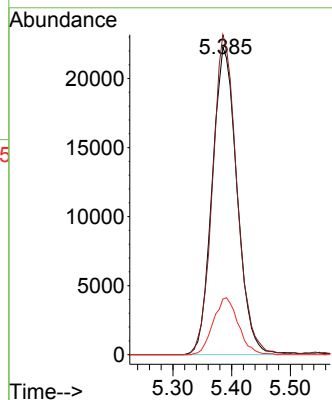
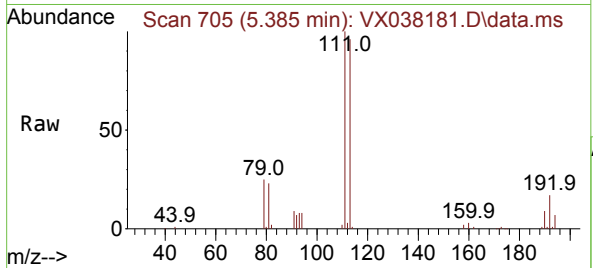




#35
Dibromofluoromethane
Concen: 45.043 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038181.D
Acq: 09 Oct 2023 18:52

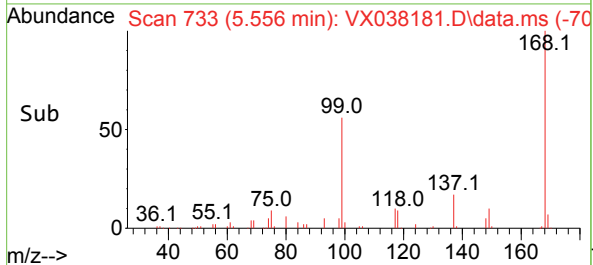
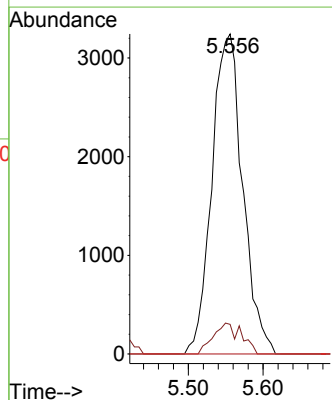
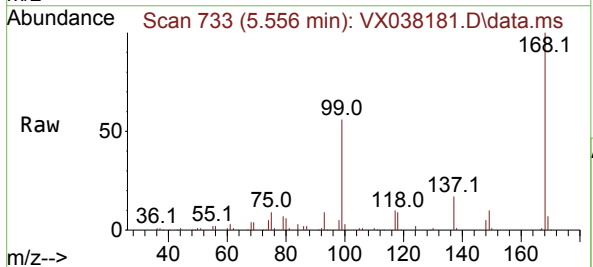
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

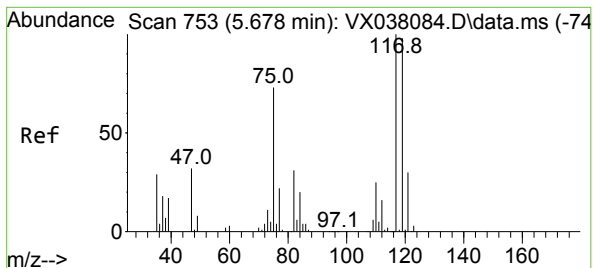
Tgt Ion:113 Resp: 65436
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.635 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038181.D
Acq: 09 Oct 2023 18:52

Tgt Ion: 75 Resp: 9286
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.773 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX038181.D

Acq: 09 Oct 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

MW-4B

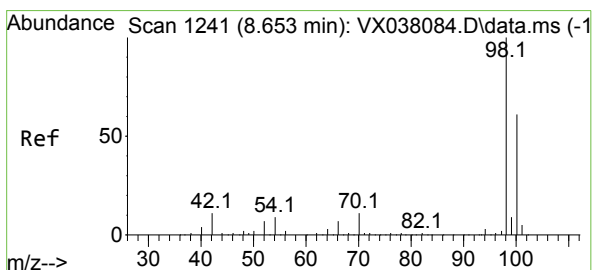
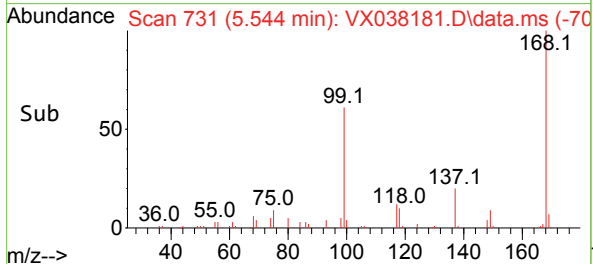
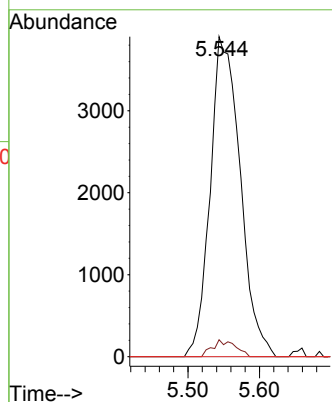
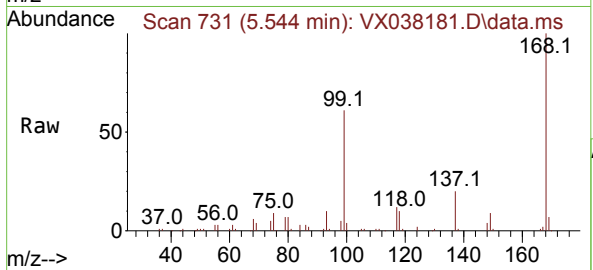
Tgt Ion:117 Resp: 11378

Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 44.539 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038181.D

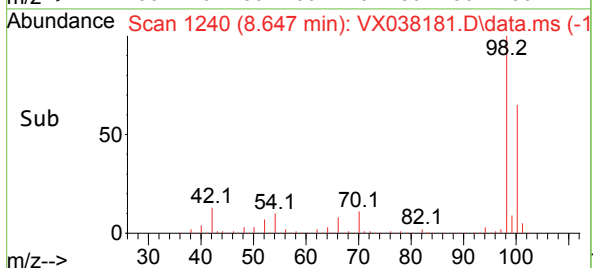
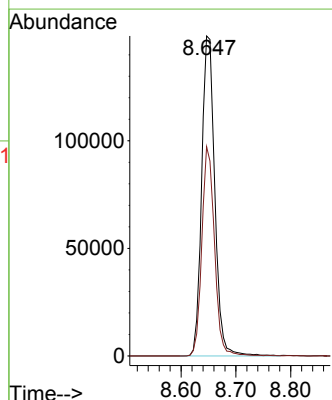
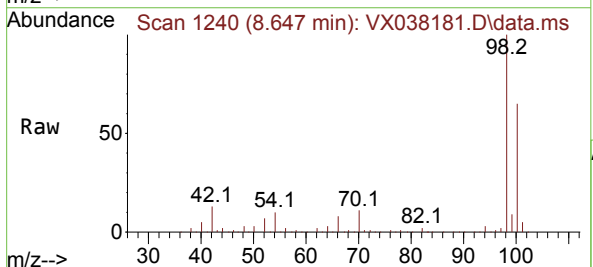
Acq: 09 Oct 2023 18:52

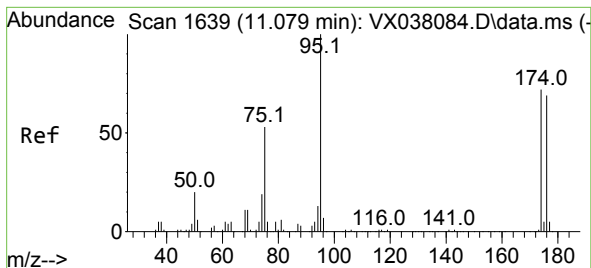
Tgt Ion: 98 Resp: 247248

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7

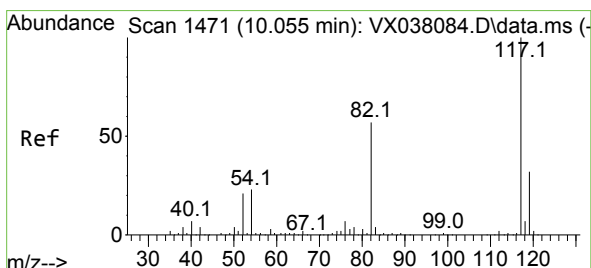
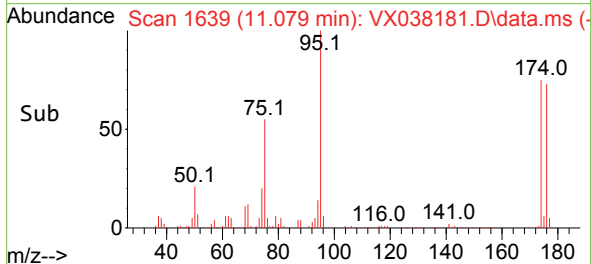
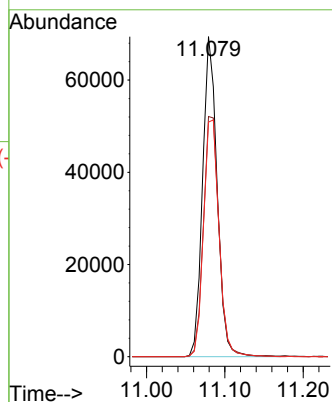
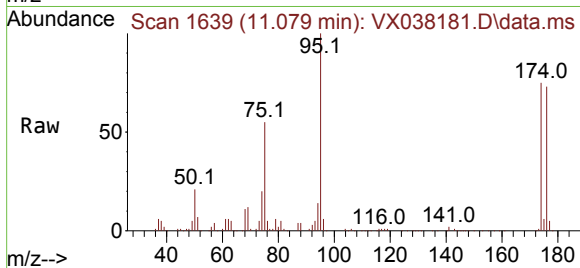




#62
4-Bromofluorobenzene
Concen: 42.566 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038181.D
Acq: 09 Oct 2023 18:52

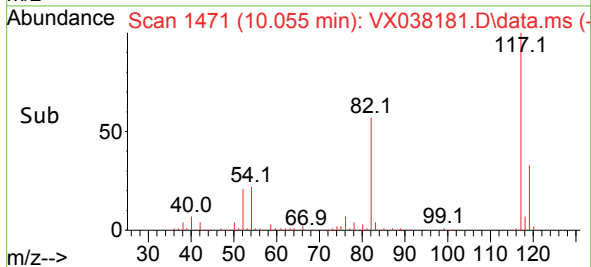
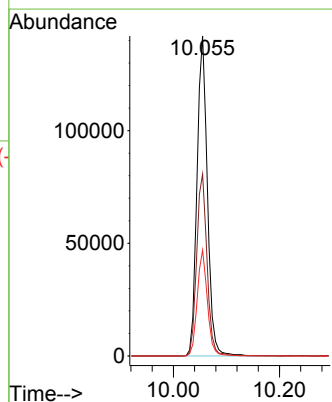
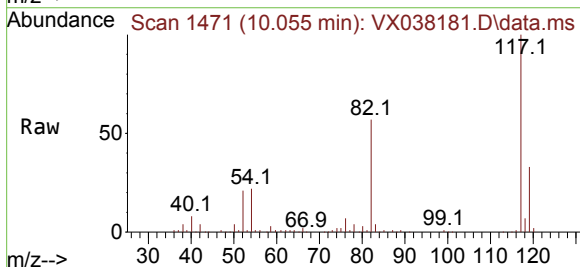
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

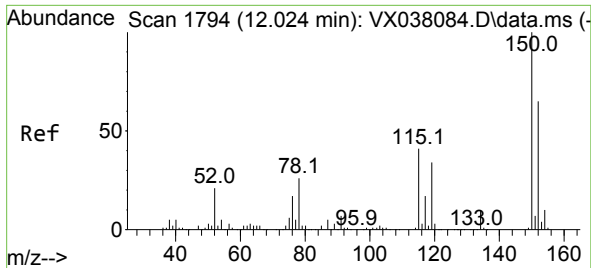
Tgt Ion: 95 Resp: 89582
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 79.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038181.D
Acq: 09 Oct 2023 18:52

Tgt Ion: 117 Resp: 193240
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 33.1 25.5 38.3

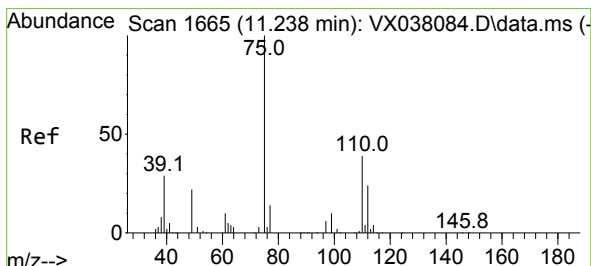
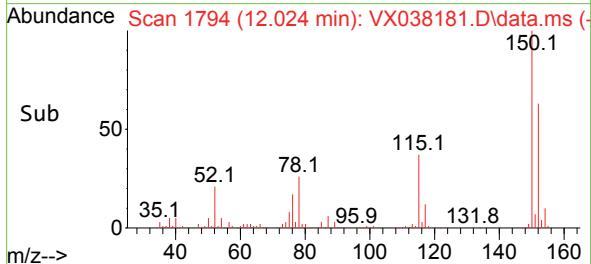
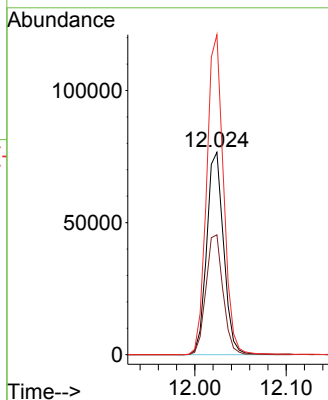
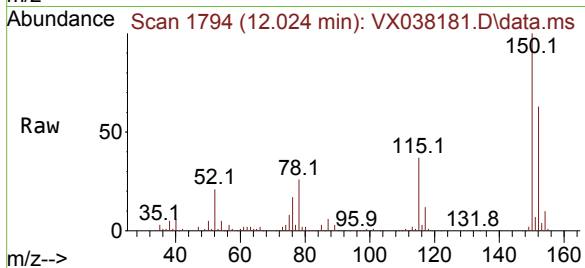




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038181.D
Acq: 09 Oct 2023 18:52

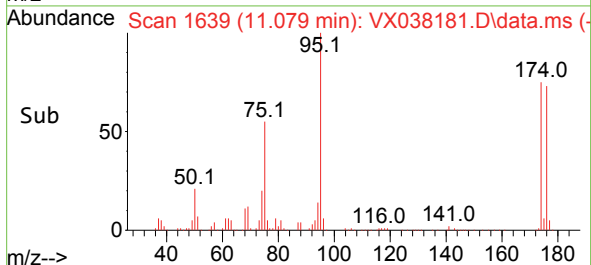
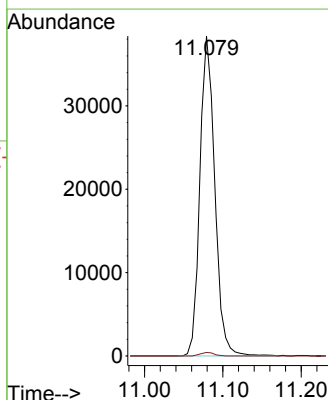
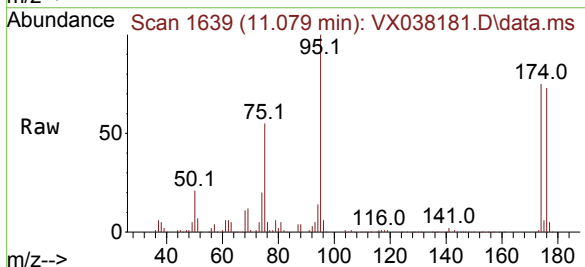
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

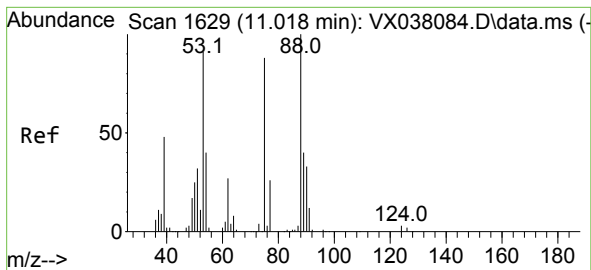
Tgt Ion:152 Resp: 98528
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 157.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.641 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038181.D
Acq: 09 Oct 2023 18:52

Tgt Ion: 75 Resp: 50713
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.810 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038181.D
 Acq: 09 Oct 2023 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4B

Tgt Ion: 75 Resp: 50713
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

