

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077362.D
 Acq On : 17 Apr 2023 17:21
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 18 04:42:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

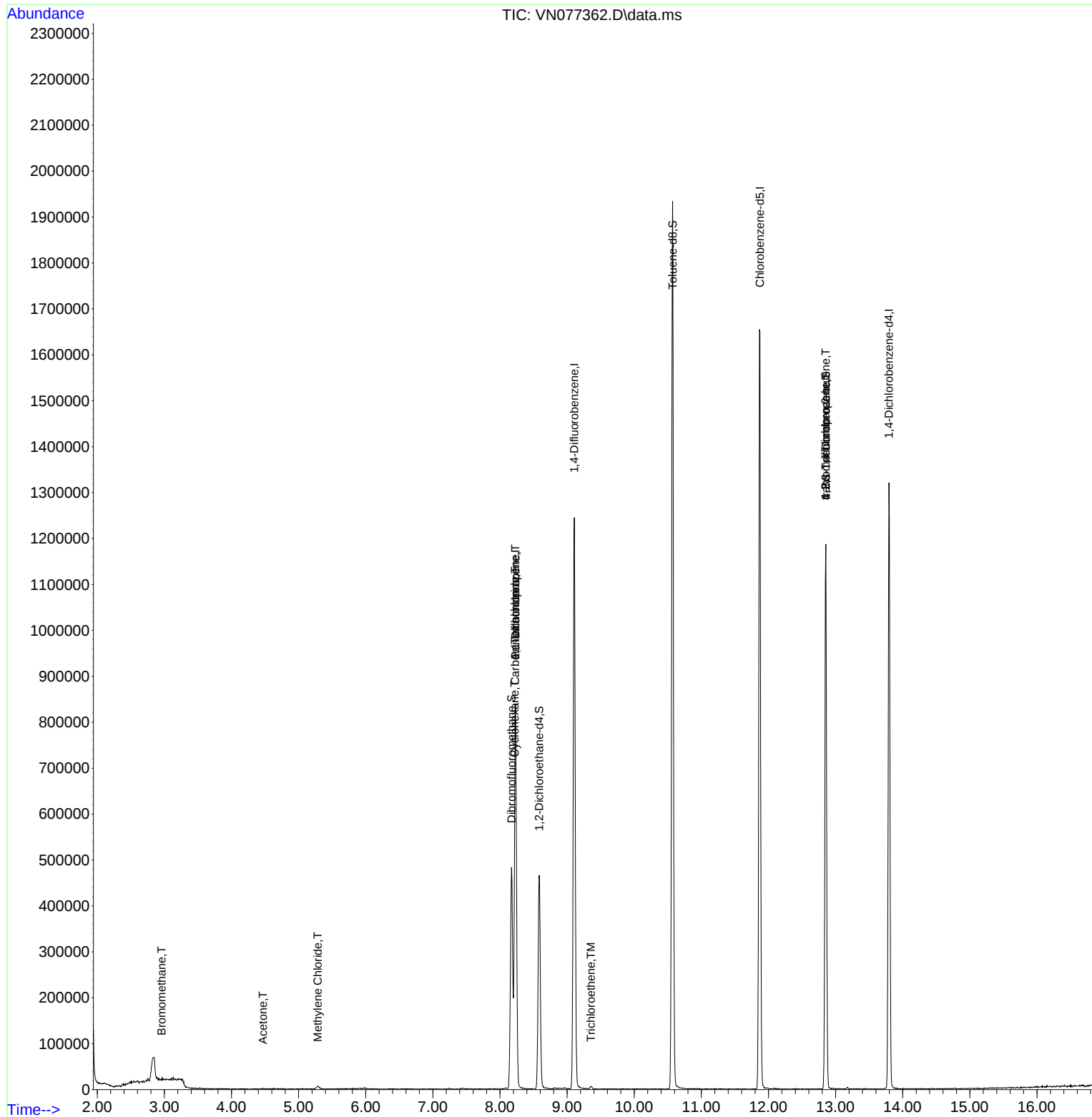
Internal Standards						
1) Pentafluorobenzene	8.231	168	604928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1128162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1015084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	363557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	366517	44.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.660%
35) Dibromofluoromethane	8.172	113	347984	48.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	10.572	98	1384693	47.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.260%
62) 4-Bromofluorobenzene	12.854	95	418808	43.312	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.960	94	2465	0.262	ug/l #	31
16) Acetone	4.466	43	1502	0.493	ug/l #	39
20) Methylene Chloride	5.284	84	3082	0.358	ug/l #	89
31) Cyclohexane	8.219	56	14081	1.096	ug/l #	68
36) 1,1-Dichloropropene	8.231	75	51452	4.817	ug/l #	49
38) Carbon Tetrachloride	8.225	117	65721	6.005	ug/l #	15
44) Trichloroethene	9.354	130	1977	0.248	ug/l	65
76) 1,2,3-Trichloropropane	12.854	75	219071	25.305	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	219071	56.944	ug/l #	13

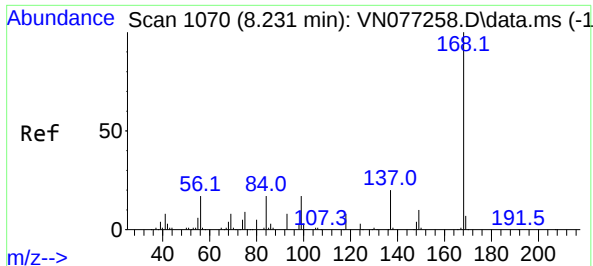
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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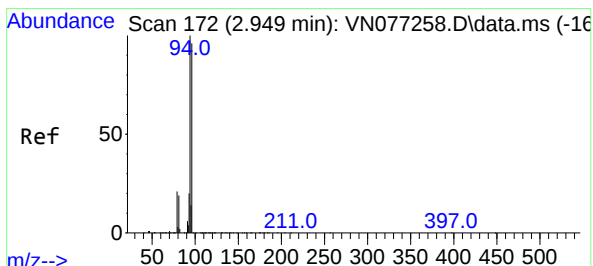
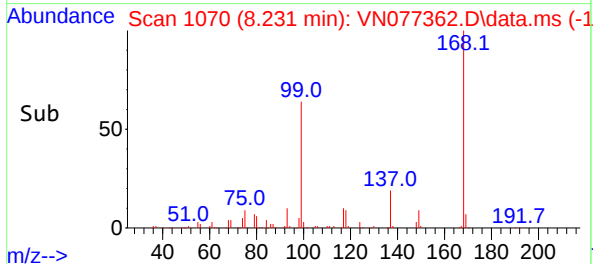
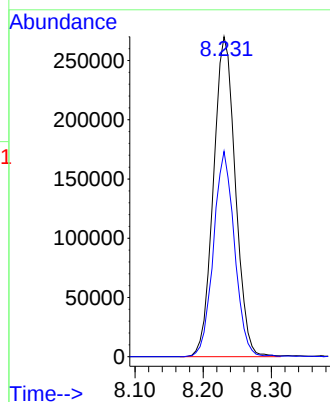
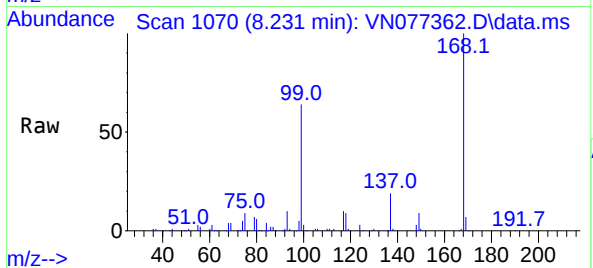




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077362.D
Acq: 17 Apr 2023 17:21

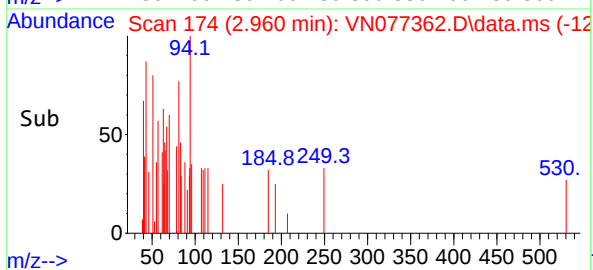
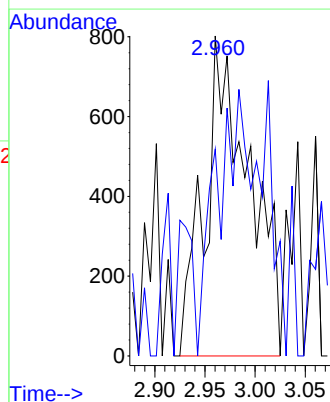
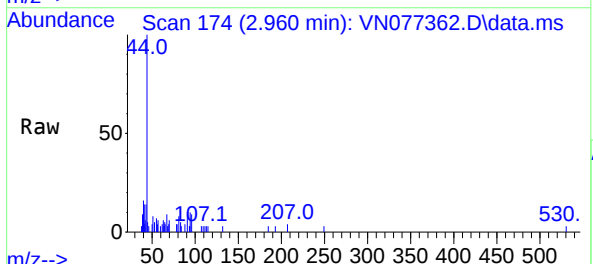
Instrument :
MSVOA_N
ClientSampleId :
IBLK

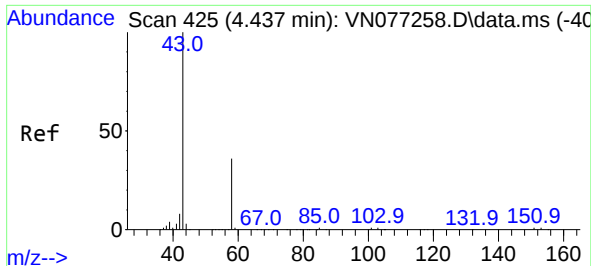
Tgt Ion:168 Resp: 604928
Ion Ratio Lower Upper
168 100
99 64.1 50.6 75.8



#5
Bromomethane
Concen: 0.262 ug/l
RT: 2.960 min Scan# 174
Delta R.T. 0.011 min
Lab File: VN077362.D
Acq: 17 Apr 2023 17:21

Tgt Ion: 94 Resp: 2465
Ion Ratio Lower Upper
94 100
96 28.7 77.0 115.4#

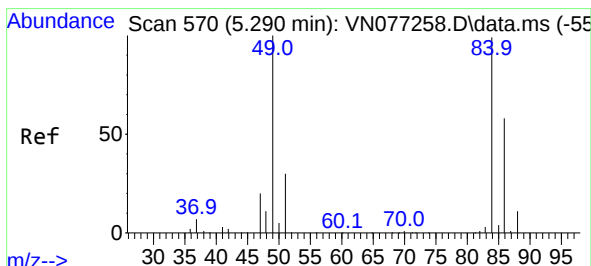
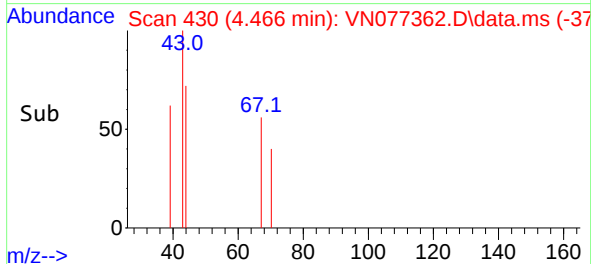
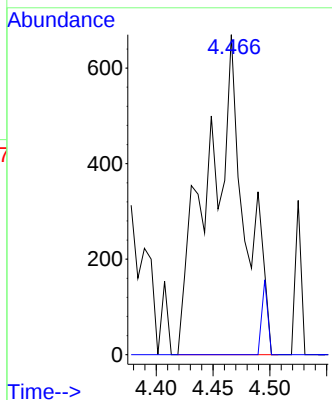
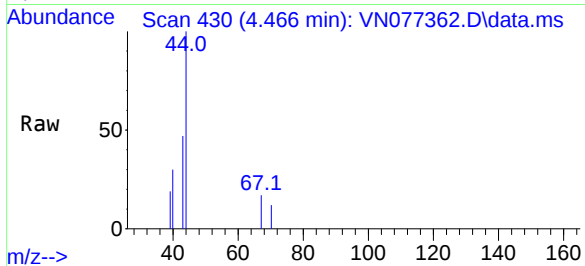




#16
Acetone
Concen: 0.493 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN077362.D
Acq: 17 Apr 2023 17:21

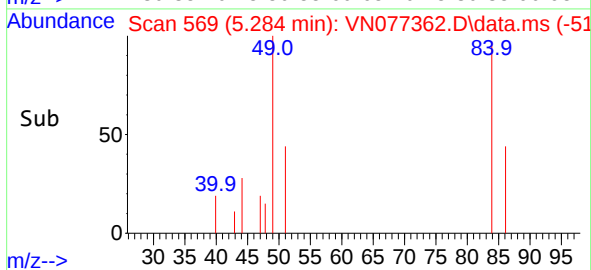
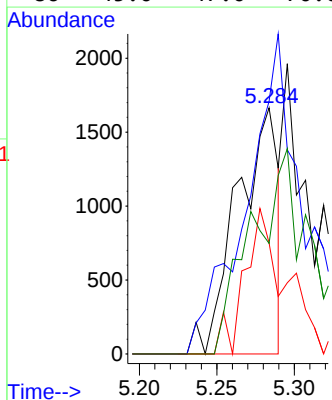
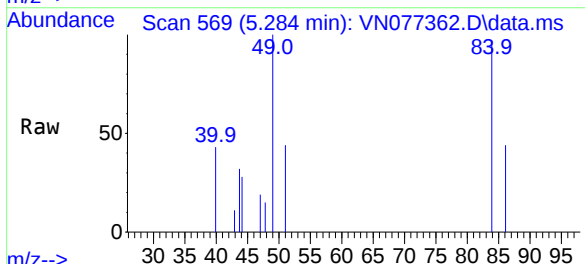
Instrument :
MSVOA_N
ClientSampleId :
IBLK

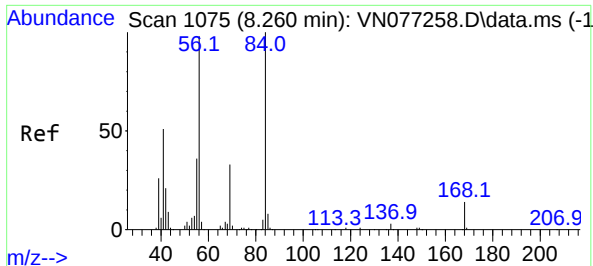
Tgt Ion: 43 Resp: 1502
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#



#20
Methylene Chloride
Concen: 0.358 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077362.D
Acq: 17 Apr 2023 17:21

Tgt Ion: 84 Resp: 3082
Ion Ratio Lower Upper
84 100
49 102.7 80.6 121.0
51 45.1 24.4 36.6#
86 45.0 47.0 70.6#





#31

Cyclohexane

Concen: 1.096 ug/l

RT: 8.219 min Scan# 1068

Delta R.T. -0.041 min

Lab File: VN077362.D

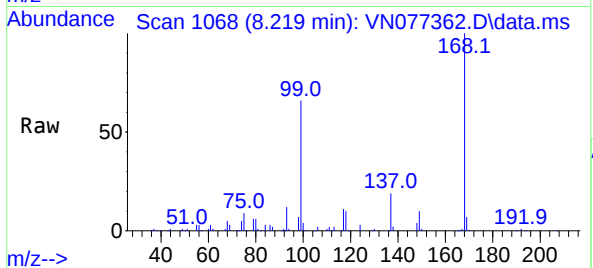
Acq: 17 Apr 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK



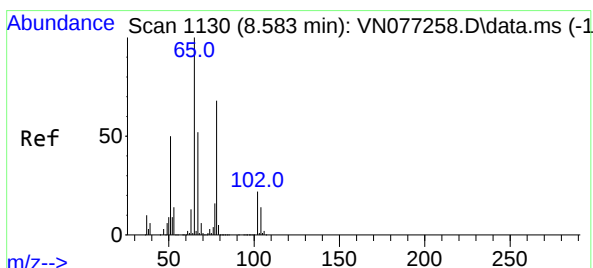
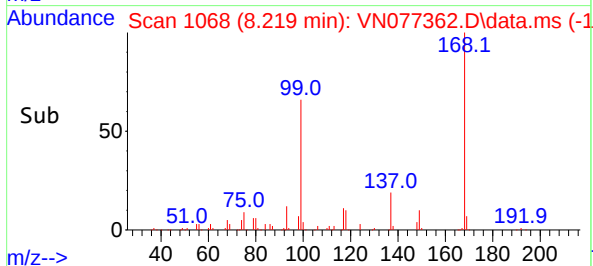
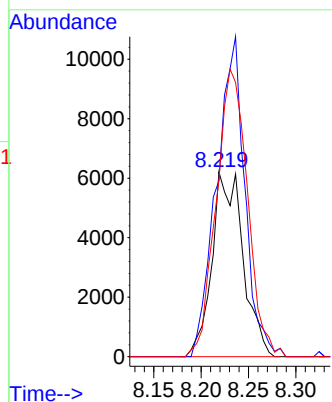
Tgt Ion: 56 Resp: 14081

Ion Ratio Lower Upper

56 100

69 95.1 26.6 40.0#

84 95.5 81.8 122.8



#33

1,2-Dichloroethane-d4

Concen: 44.331 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077362.D

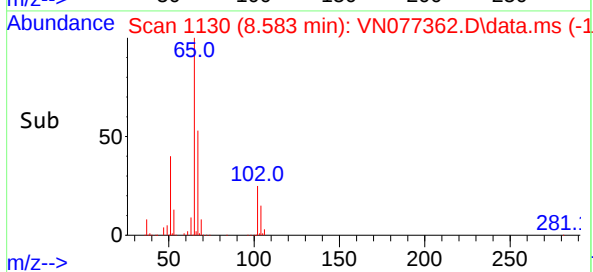
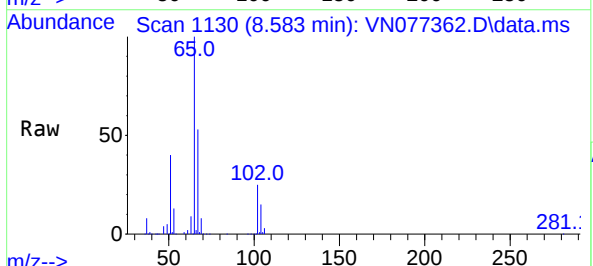
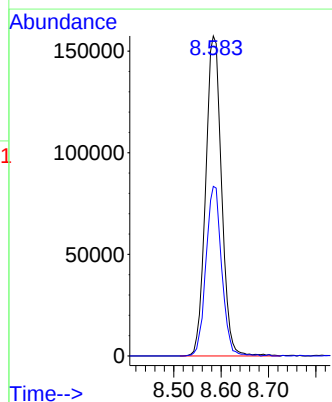
Acq: 17 Apr 2023 17:21

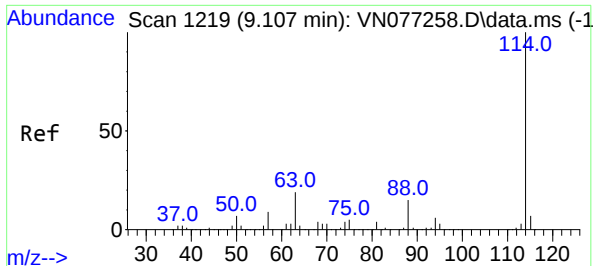
Tgt Ion: 65 Resp: 366517

Ion Ratio Lower Upper

65 100

67 52.5 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077362.D

Acq: 17 Apr 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK

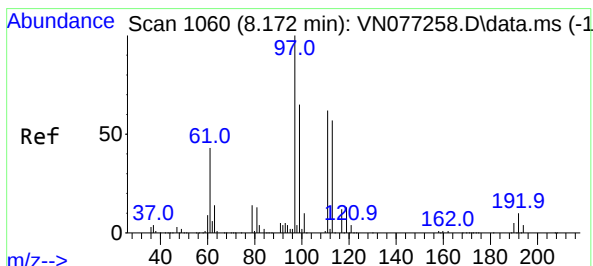
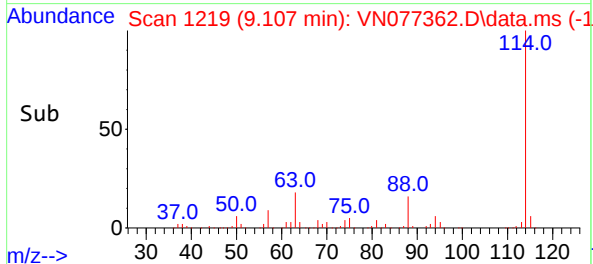
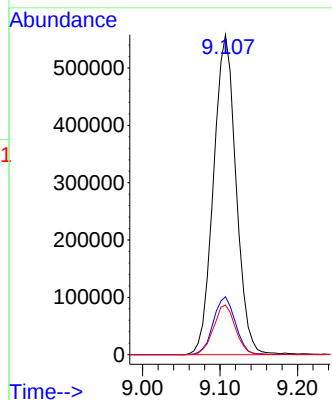
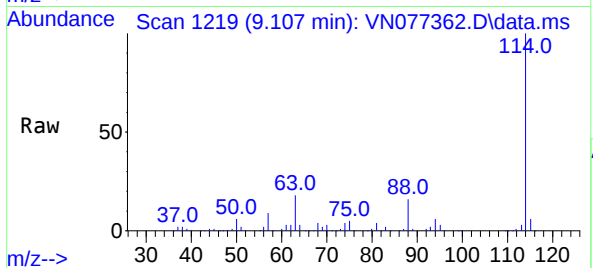
Tgt Ion:114 Resp: 1128162

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

88 15.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.183 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077362.D

Acq: 17 Apr 2023 17:21

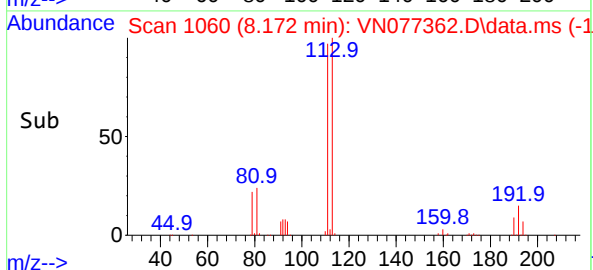
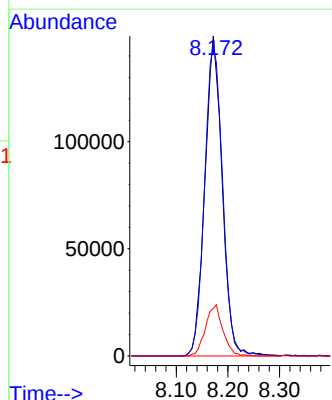
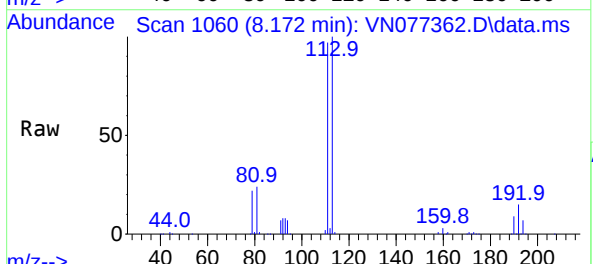
Tgt Ion:113 Resp: 347984

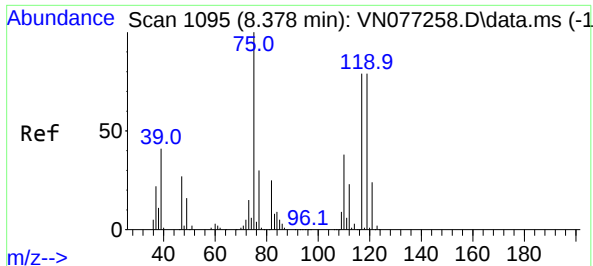
Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.0

192 16.0 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.817 ug/l

RT: 8.231 min Scan# 1069

Delta R.T. -0.147 min

Lab File: VN077362.D

Acq: 17 Apr 2023 17:21

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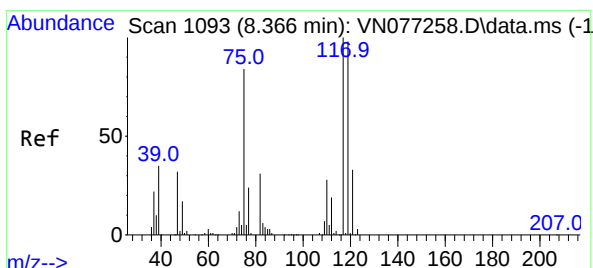
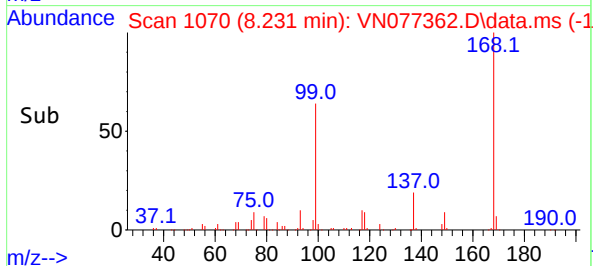
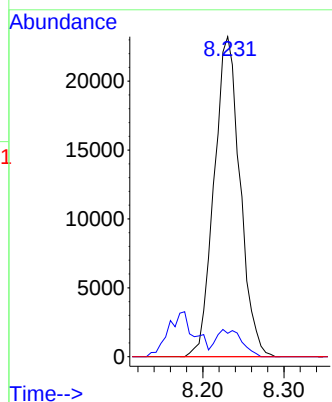
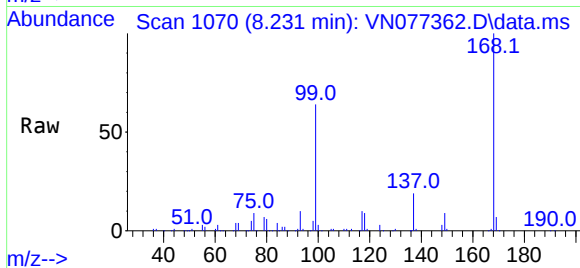
Tgt Ion: 75 Resp: 51452

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.005 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.141 min

Lab File: VN077362.D

Acq: 17 Apr 2023 17:21

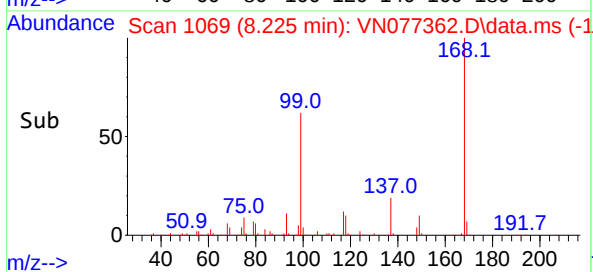
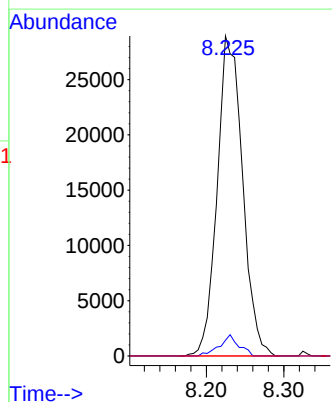
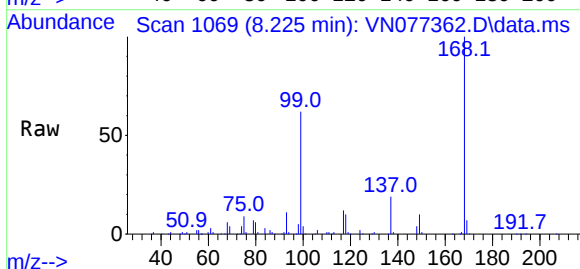
Tgt Ion: 117 Resp: 65721

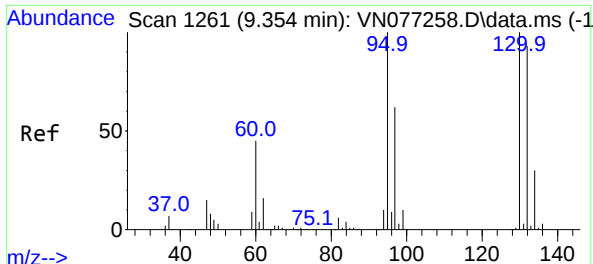
Ion Ratio Lower Upper

117 100

119 4.9 78.5 117.7#

121 0.0 26.6 40.0#

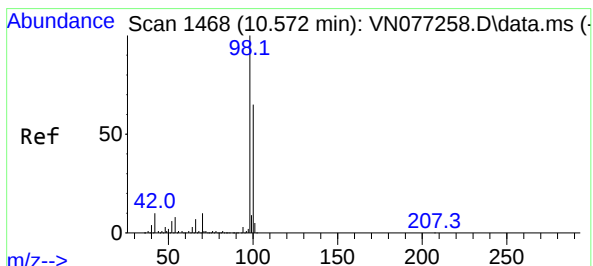
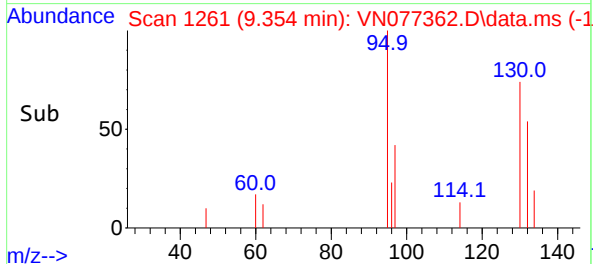
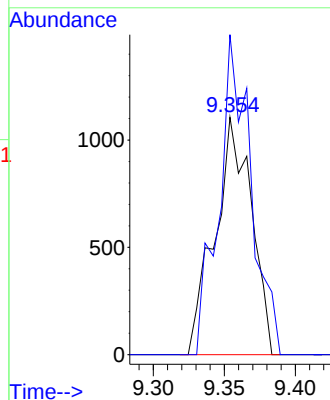
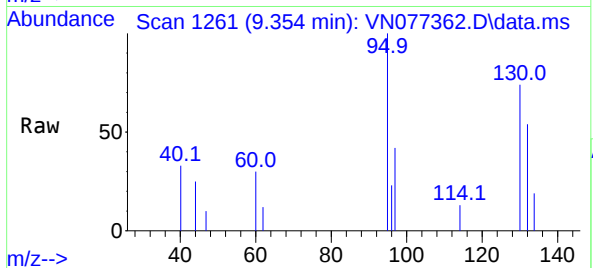




#44
Trichloroethene
Concen: 0.248 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077362.D
Acq: 17 Apr 2023 17:21

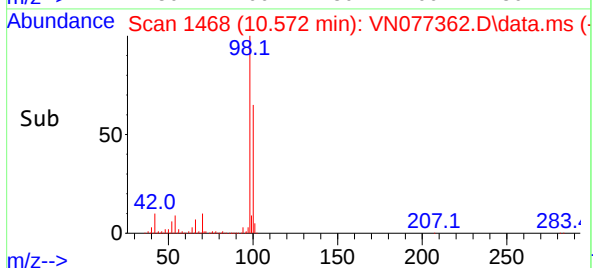
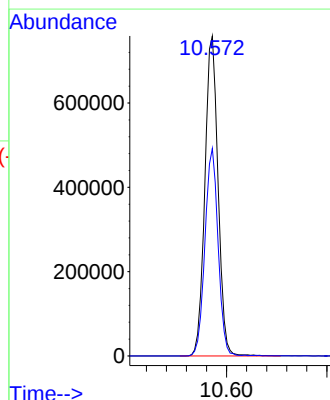
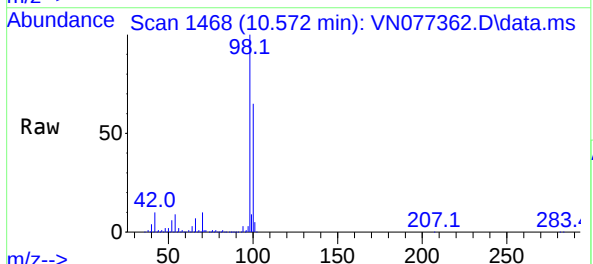
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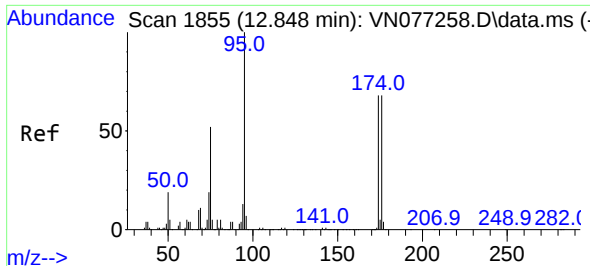
Tgt Ion:130 Resp: 1977
Ion Ratio Lower Upper
130 100
95 134.8 0.0 200.2



#50
Toluene-d8
Concen: 47.627 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077362.D
Acq: 17 Apr 2023 17:21

Tgt Ion: 98 Resp: 1384693
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

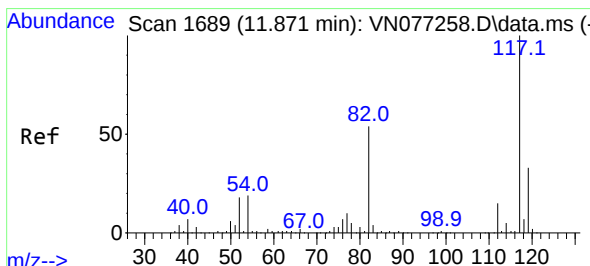
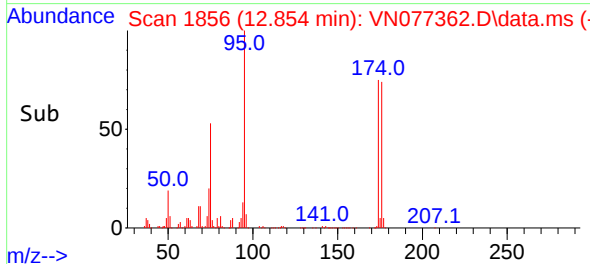
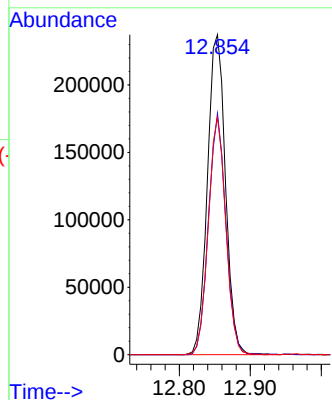
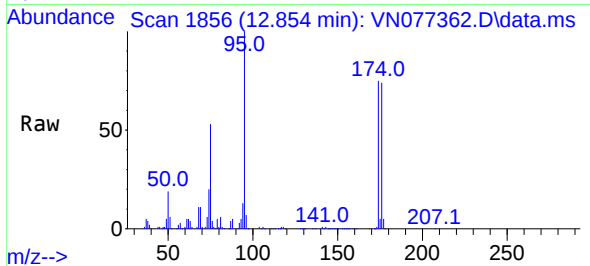




#62
4-Bromofluorobenzene
Concen: 43.312 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077362.D
Acq: 17 Apr 2023 17:21

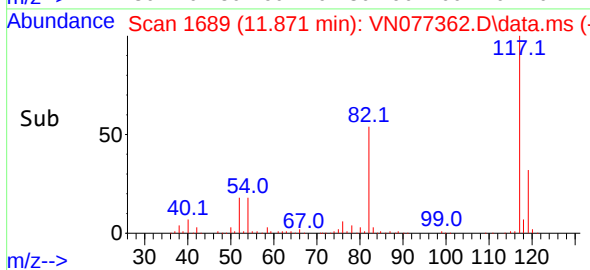
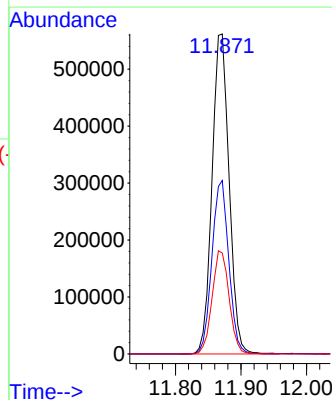
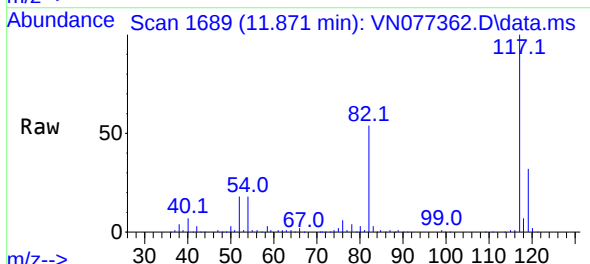
Instrument :
MSVOA_N
ClientSampleId :
IBLK

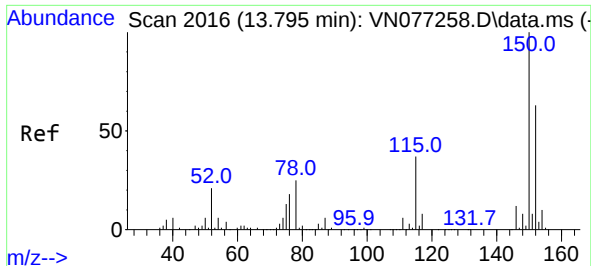
Tgt Ion: 95 Resp: 418808
Ion Ratio Lower Upper
95 100
174 72.6 0.0 146.8
176 71.7 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN077362.D
Acq: 17 Apr 2023 17:21

Tgt Ion: 117 Resp: 1015084
Ion Ratio Lower Upper
117 100
82 54.2 42.9 64.3
119 31.6 26.2 39.4

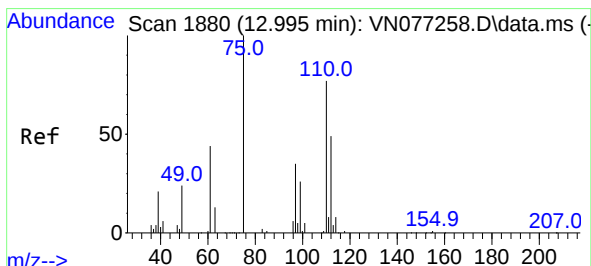
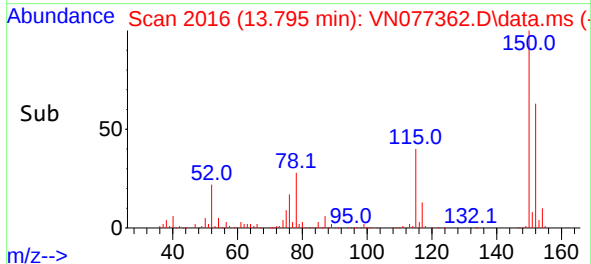
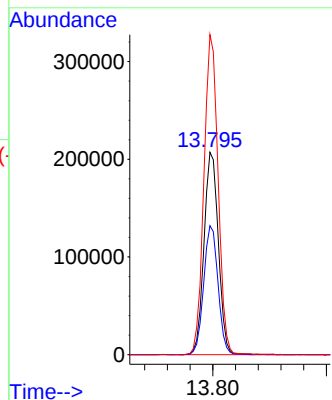
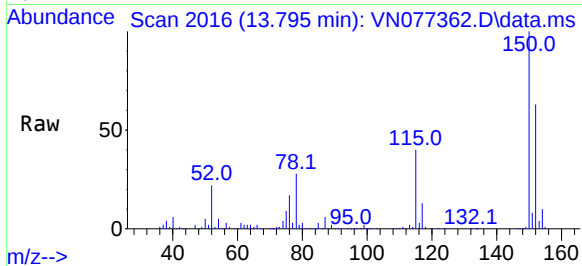




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077362.D
Acq: 17 Apr 2023 17:21

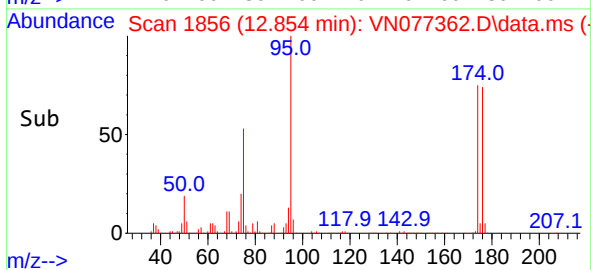
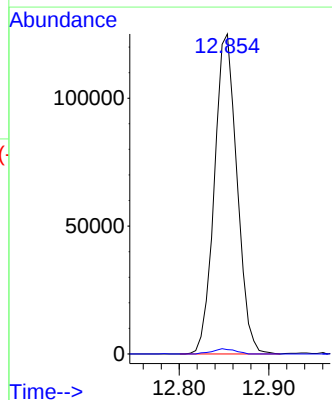
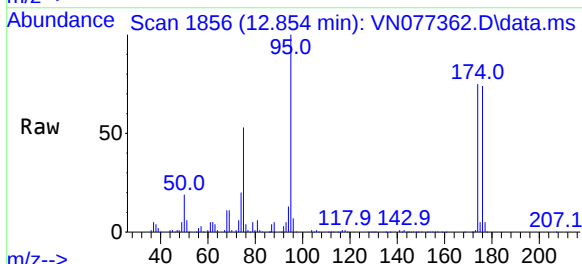
Instrument :
MSVOA_N
ClientSampleId :
IBLK

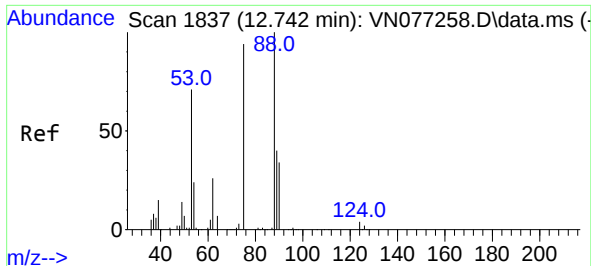
Tgt Ion:152 Resp: 363557
Ion Ratio Lower Upper
152 100
115 63.5 32.1 96.3
150 155.8 0.0 354.8



#76
1,2,3-Trichloropropane
Concen: 25.305 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077362.D
Acq: 17 Apr 2023 17:21

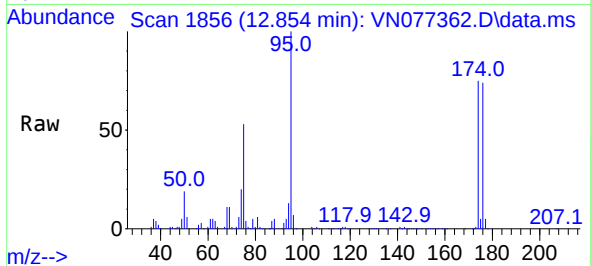
Tgt Ion: 75 Resp: 219071
Ion Ratio Lower Upper
75 100
77 1.7 88.3 264.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.944 ug/l
 RT: 12.854 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN077362.D
 Acq: 17 Apr 2023 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 219071
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.1 37.4 56.2#

