

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
 Data File : VN079308.D
 Acq On : 20 Sep 2023 12:51
 Operator : JC\MD
 Sample : VN0920WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 21 01:55:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

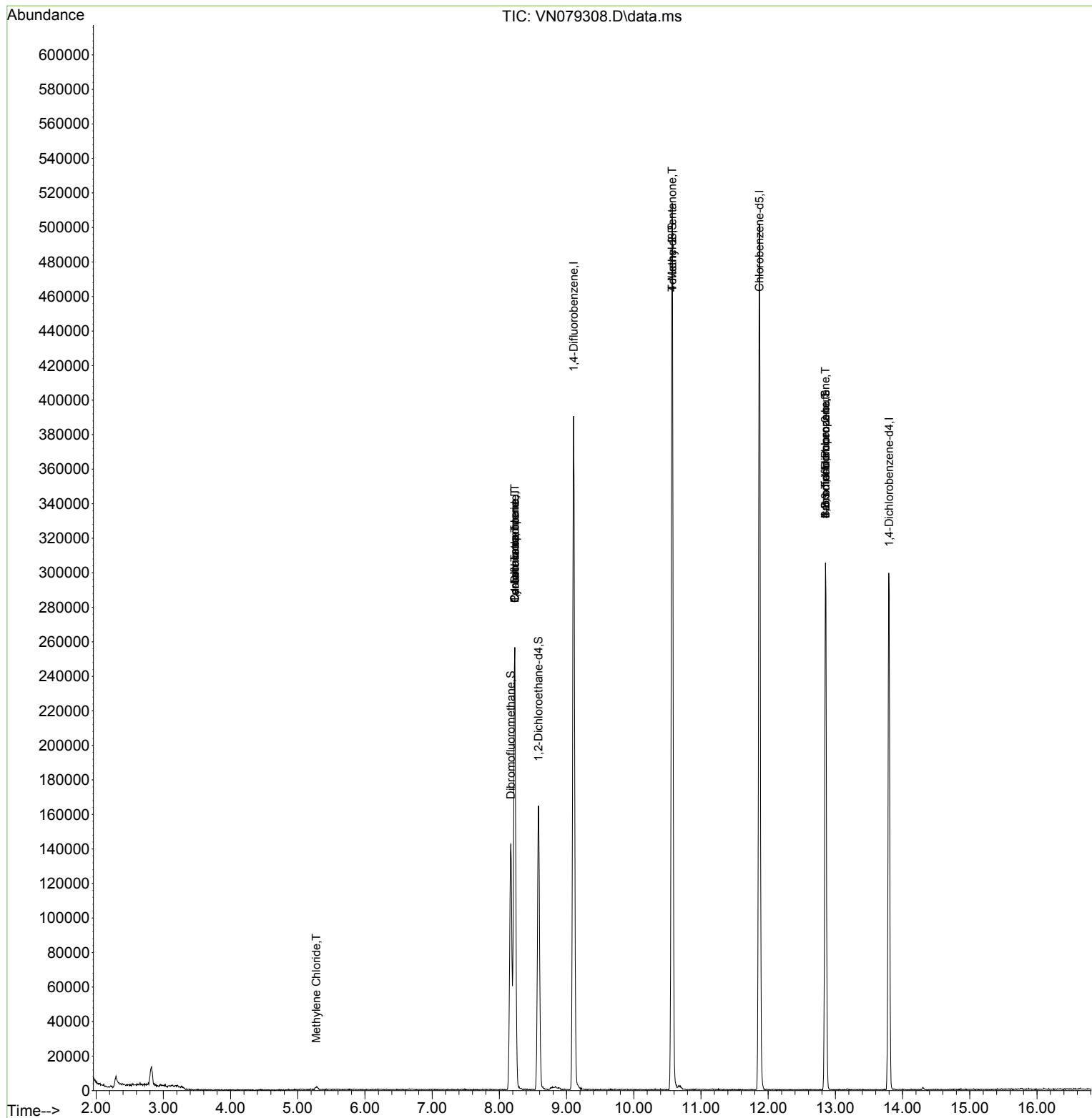
Internal Standards						
1) Pentafluorobenzene	8.230	168	174054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	277250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	77876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130343	55.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.960%
35) Dibromofluoromethane	8.171	113	101469	46.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%
50) Toluene-d8	10.571	98	346283	43.265	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.540%
62) 4-Bromofluorobenzene	12.853	95	102288	40.066	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.140%#
Target Compounds						
					Qvalue	
6) Chloroethane	3.124	64	367	Below Cal	#	43
20) Methylene Chloride	5.277	84	732	0.301	ug/l #	61
31) Cyclohexane	8.230	56	4885	1.424	ug/l #	34
36) 1,1-Dichloropropene	8.230	75	16374	4.873	ug/l #	47
38) Carbon Tetrachloride	8.230	117	19184	5.518	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	1398	0.440	ug/l #	1
71) Bromoform	12.853	173	908	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	57282	27.292	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	57282	75.031	ug/l #	15

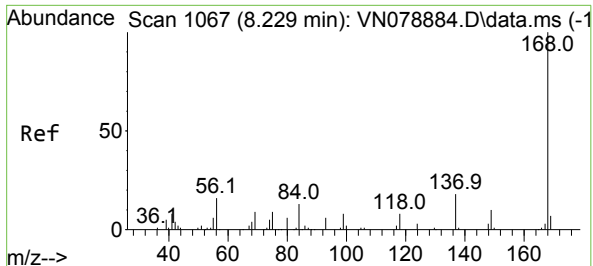
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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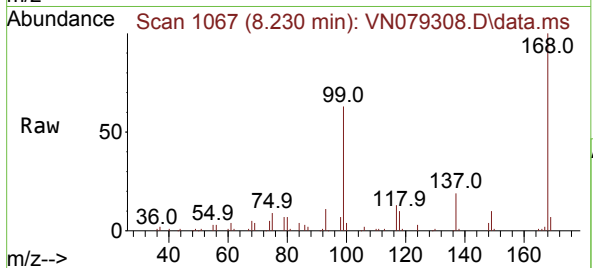
Quant Time: Sep 21 01:55:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
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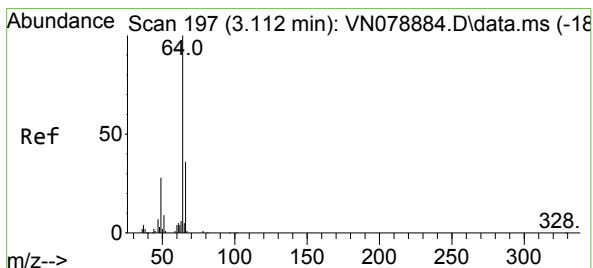
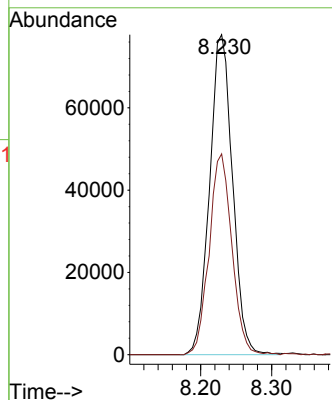
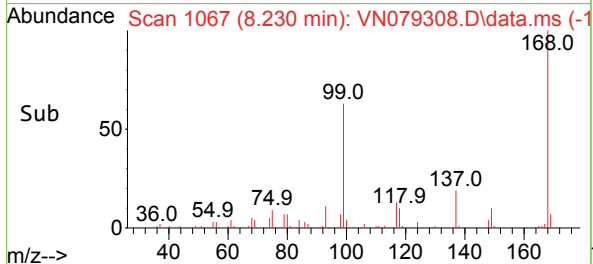


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :

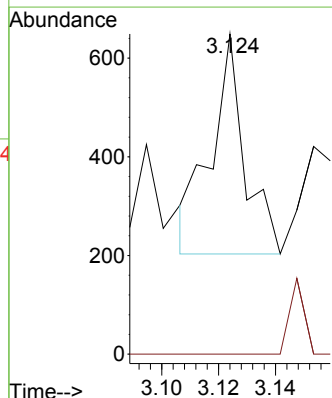
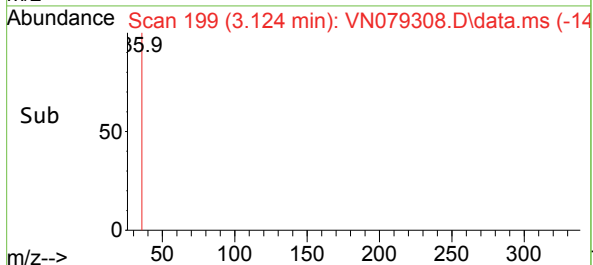
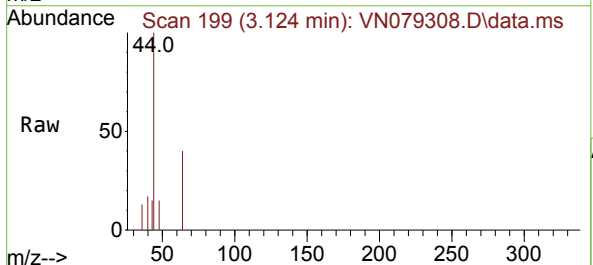


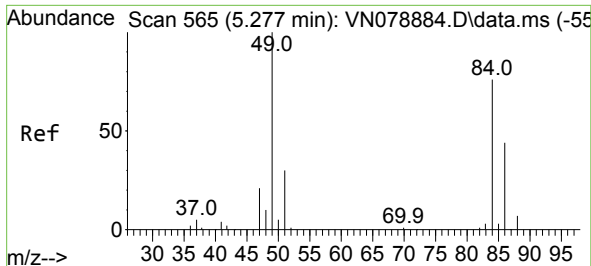
Tgt Ion:168 Resp: 174054
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

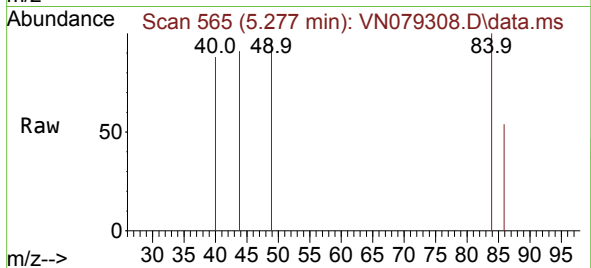
Tgt Ion: 64 Resp: 367
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



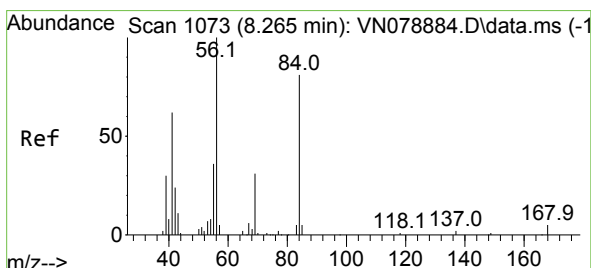
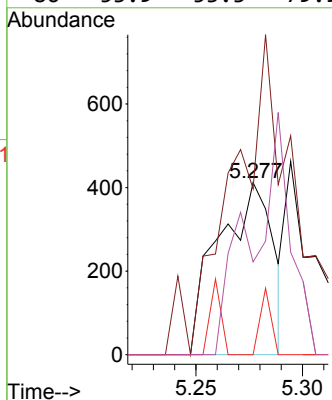
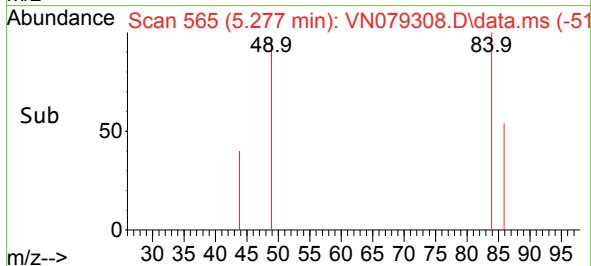


#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

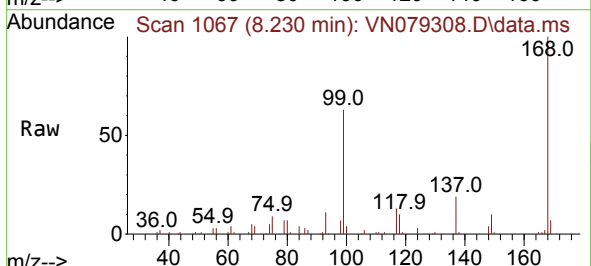
Instrument :
MSVOA_N
ClientSampleId :



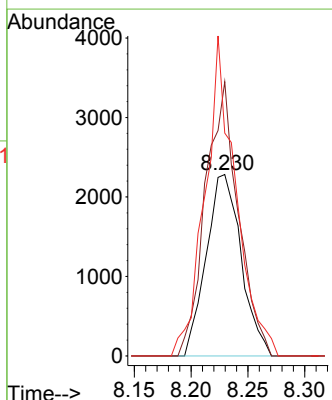
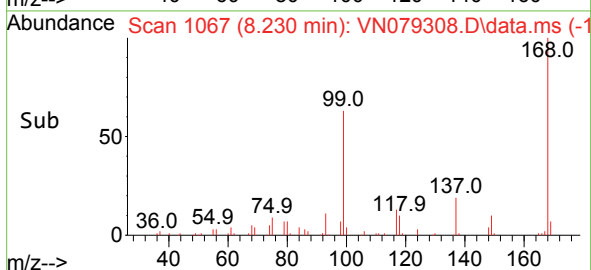
Tgt Ion:	84	Resp:	732
Ion	Ratio	Lower	Upper
84	100		
49	50.7	79.7	119.5#
51	0.0	25.2	37.8#
86	53.9	53.3	79.9

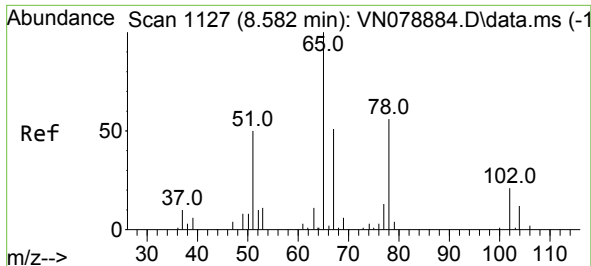


#31
Cyclohexane
Concen: 1.424 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51



Tgt Ion:	56	Resp:	4885
Ion	Ratio	Lower	Upper
56	100		
69	151.1	26.8	40.2#
84	122.9	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 55.475 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079308.D

Acq: 20 Sep 2023 12:51

Instrument :

MSVOA_N

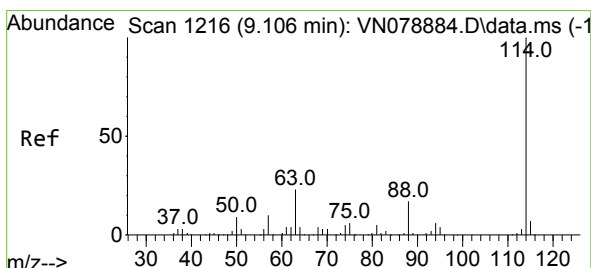
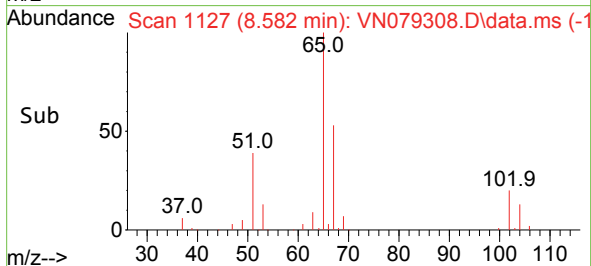
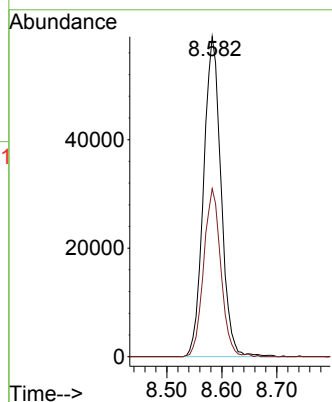
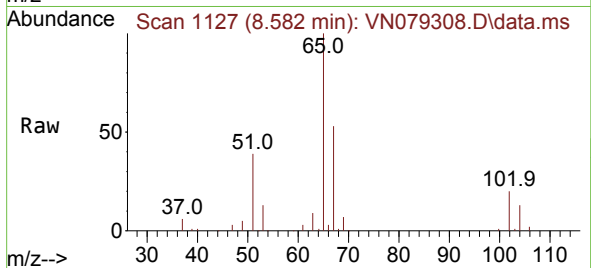
ClientSampleId :

Tgt Ion: 65 Resp: 130343

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079308.D

Acq: 20 Sep 2023 12:51

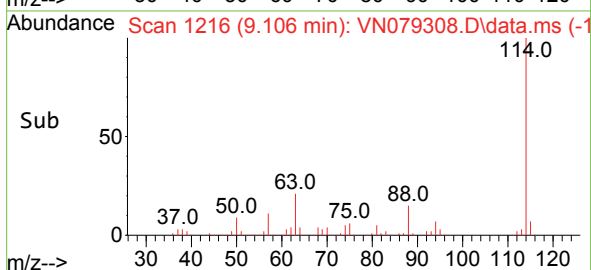
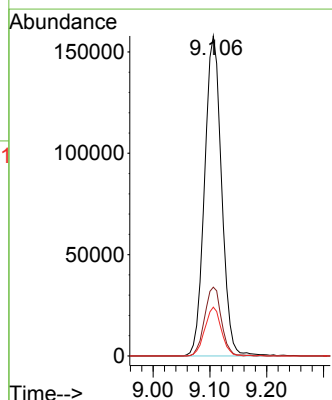
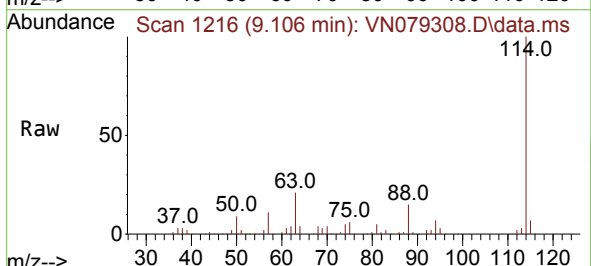
Tgt Ion: 114 Resp: 327692

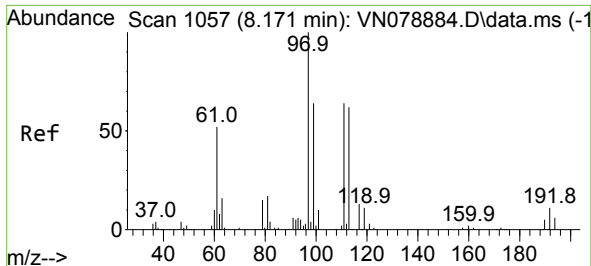
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

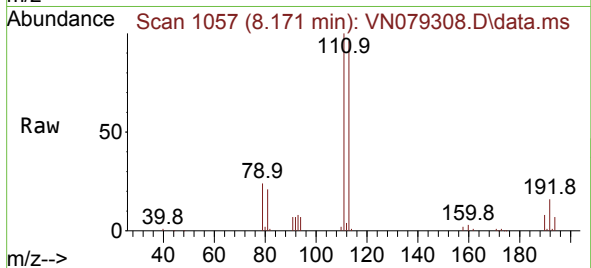
88 15.2 0.0 30.6



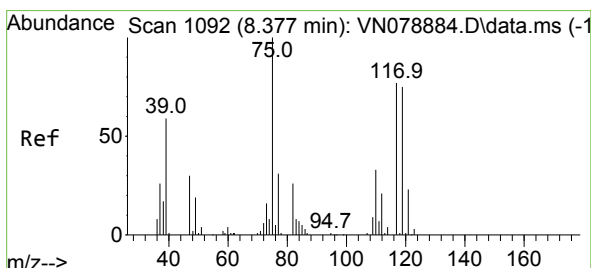
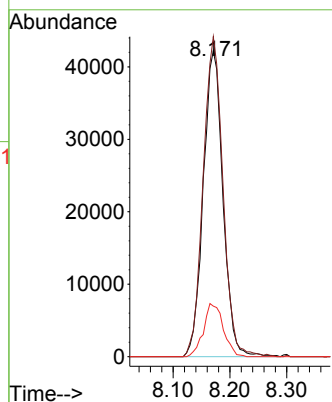
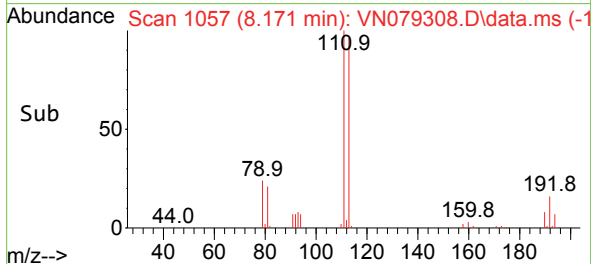


#35
Dibromofluoromethane
Concen: 46.551 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :

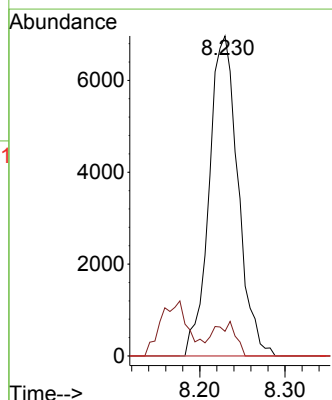
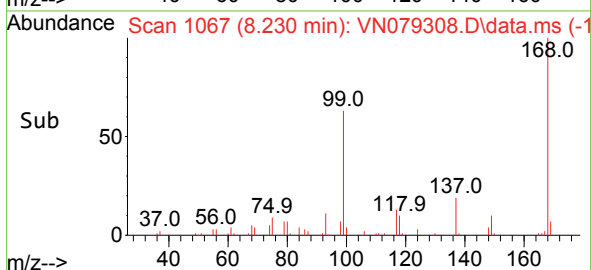
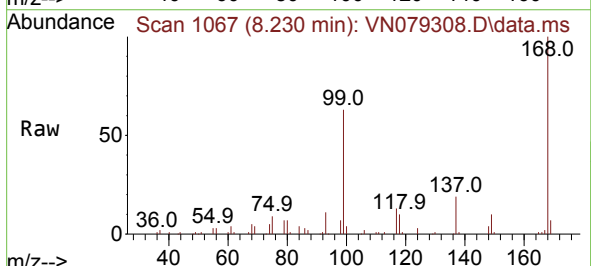


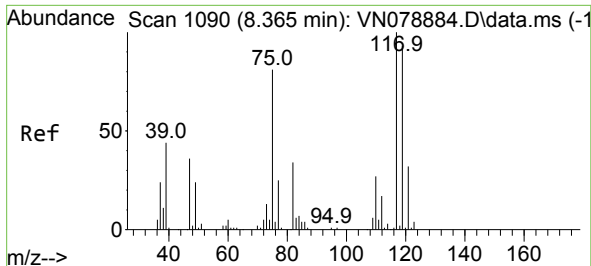
Tgt Ion:113 Resp: 101469
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 17.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.873 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

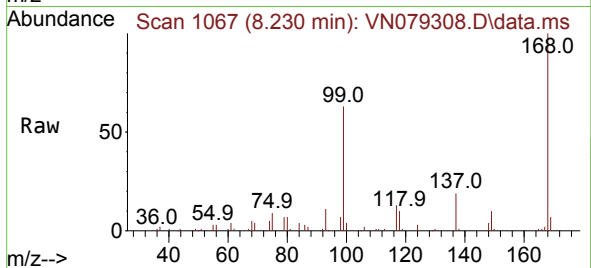
Tgt Ion: 75 Resp: 16374
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.3#
77 0.0 25.0 37.4#



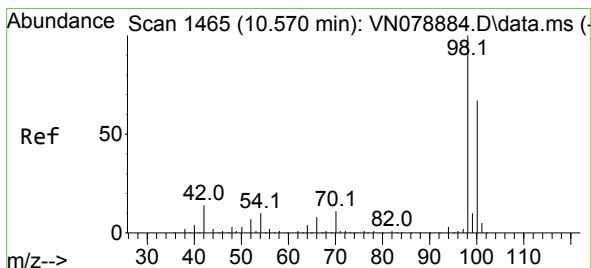
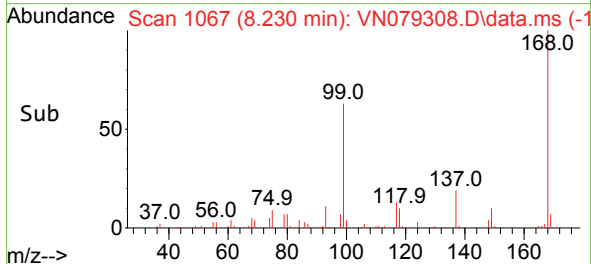
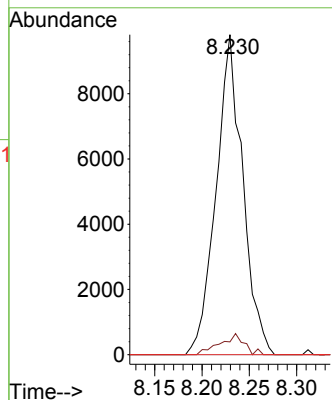


#38
Carbon Tetrachloride
Concen: 5.518 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :

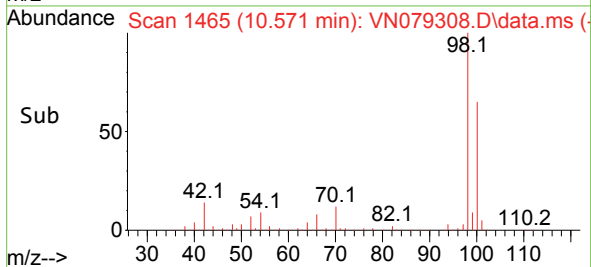
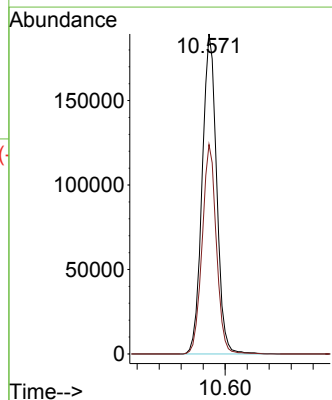
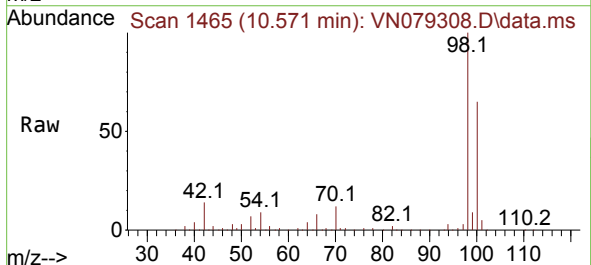


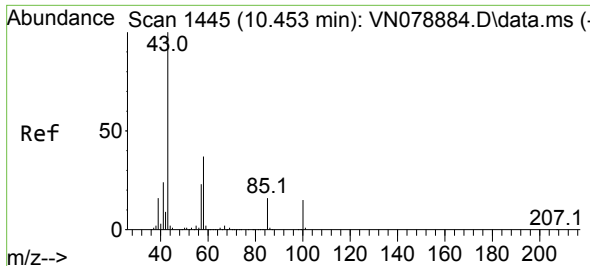
Tgt Ion:117 Resp: 19184
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 43.265 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

Tgt Ion: 98 Resp: 346283
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.440 ug/l

RT: 10.571 min Scan# 1445

Delta R.T. 0.118 min

Lab File: VN079308.D

Acq: 20 Sep 2023 12:51

Instrument :

MSVOA_N

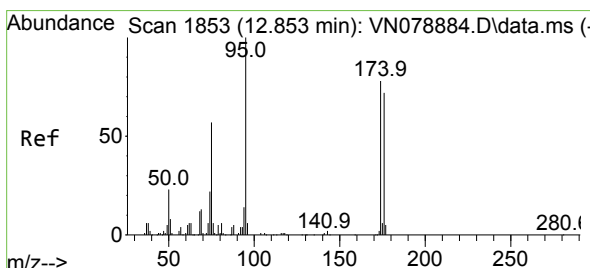
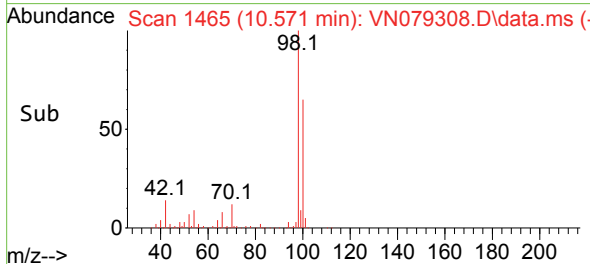
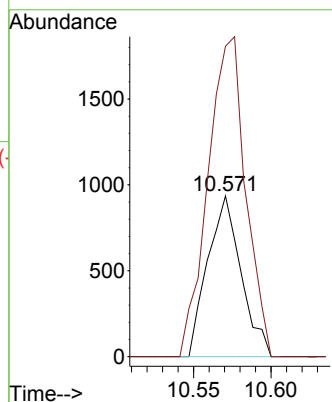
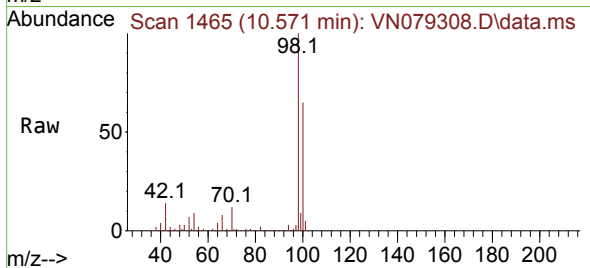
ClientSampleId :

Tgt Ion: 43 Resp: 1398

Ion Ratio Lower Upper

43 100

58 225.3 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 40.066 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079308.D

Acq: 20 Sep 2023 12:51

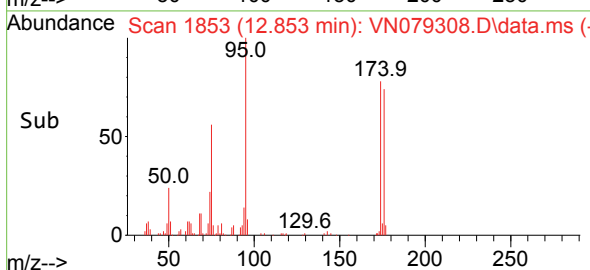
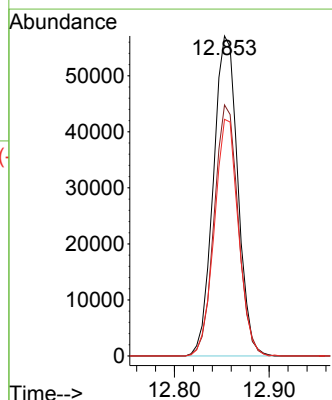
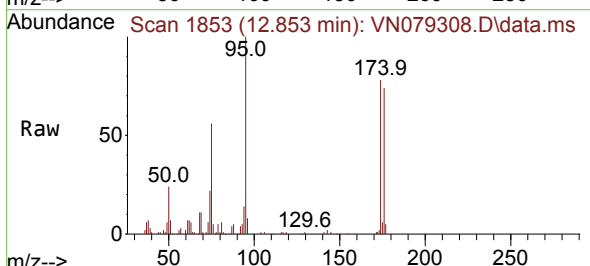
Tgt Ion: 95 Resp: 102288

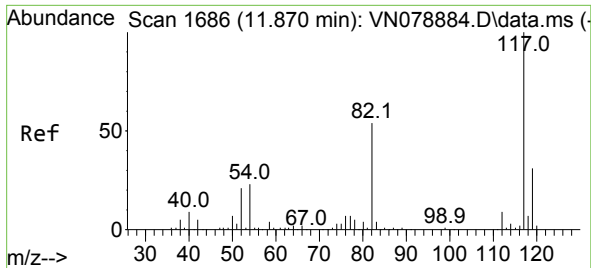
Ion Ratio Lower Upper

95 100

174 77.0 0.0 143.8

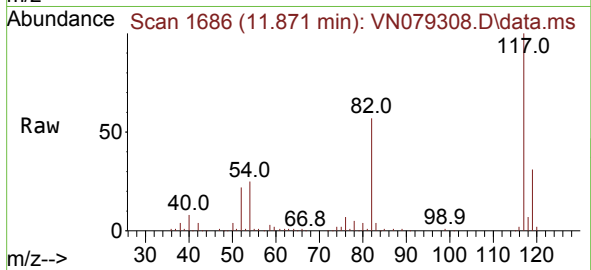
176 73.0 0.0 135.8



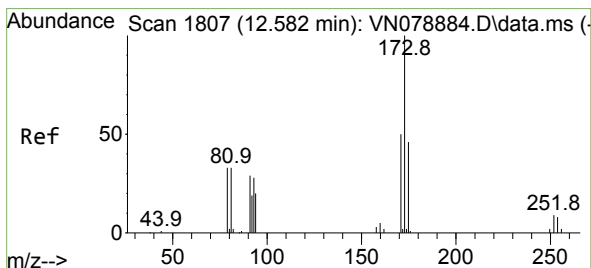
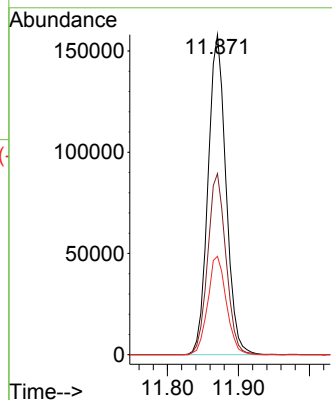
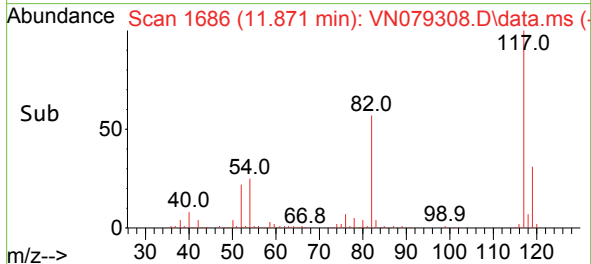


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :

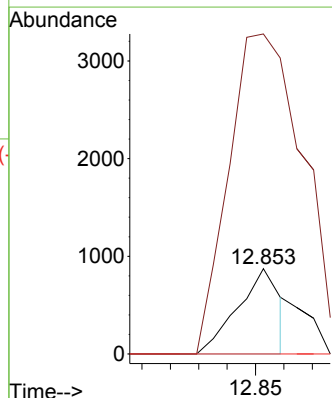
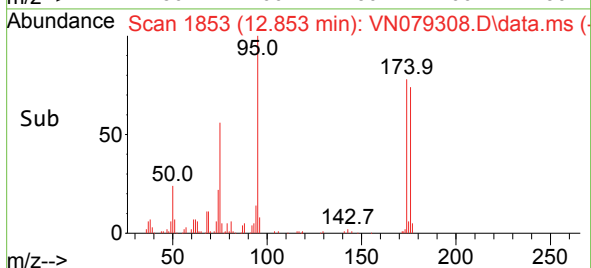
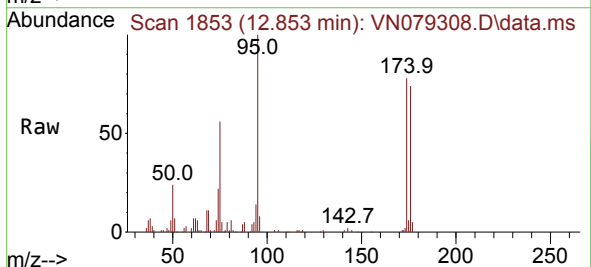


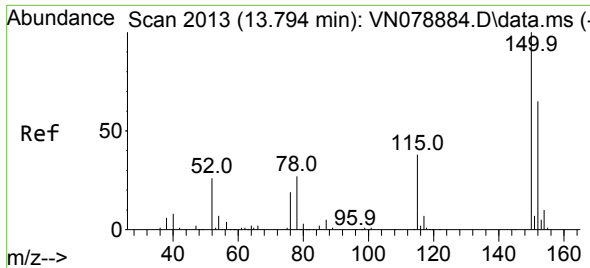
Tgt Ion:117 Resp: 277250
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 30.7 25.6 38.4



#71
Bromoform
Concen: 0.522 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

Tgt Ion:173 Resp: 908
Ion Ratio Lower Upper
173 100
175 482.4 24.3 73.0#
254 0.0 0.0 0.0

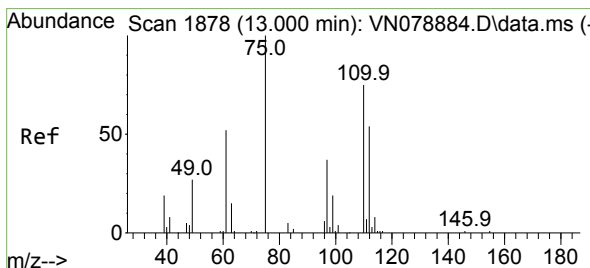
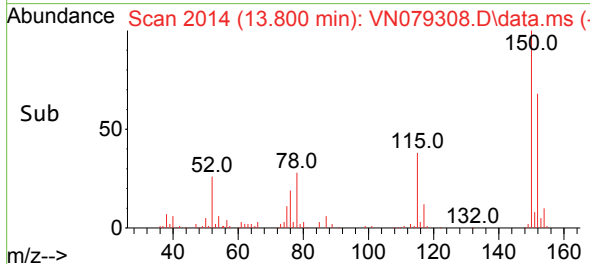
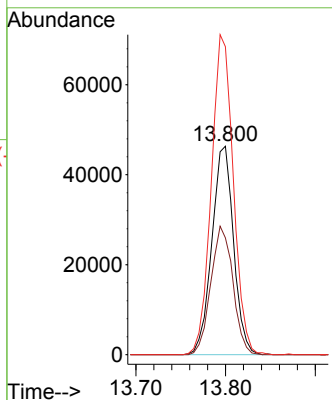
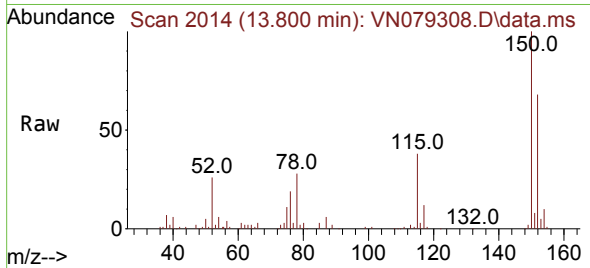




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

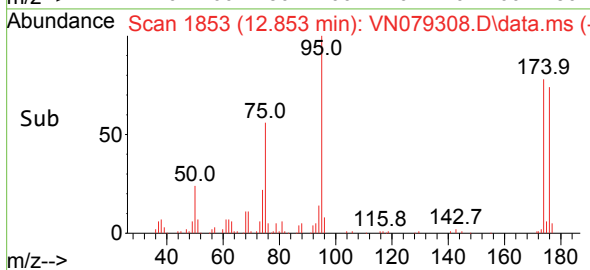
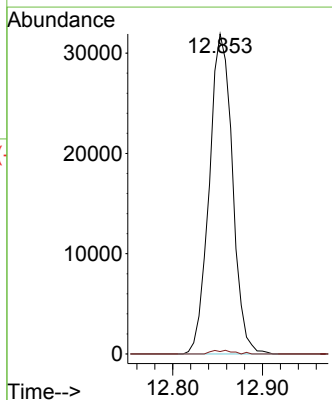
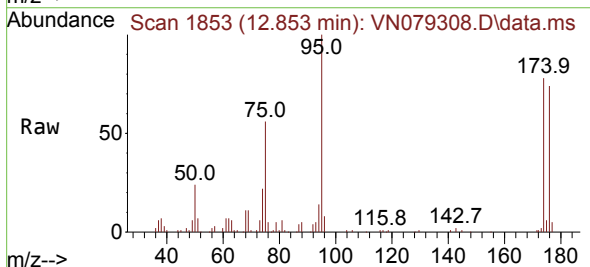
Instrument :
MSVOA_N
ClientSampleId :

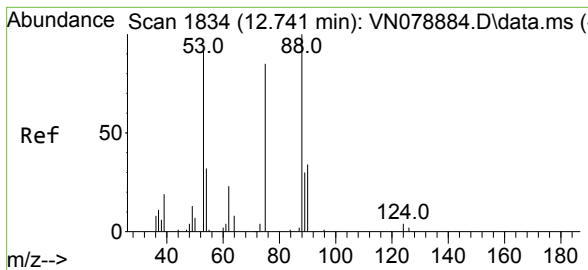
Tgt Ion:152 Resp: 77876
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 155.2 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 27.292 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

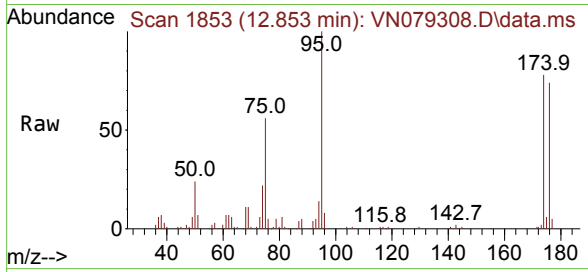
Tgt Ion: 75 Resp: 57282
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.031 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079308.D
 Acq: 20 Sep 2023 12:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	57282
Ion	Ratio	Lower	Upper
75	100		
53	0.1	67.4	101.2#
89	0.0	38.8	58.2#

