

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075446.D
 Acq On : 28 Nov 2022 14:11
 Operator : JC\MD
 Sample : N5757-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137D7-20221121

Quant Time: Nov 29 05:31:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

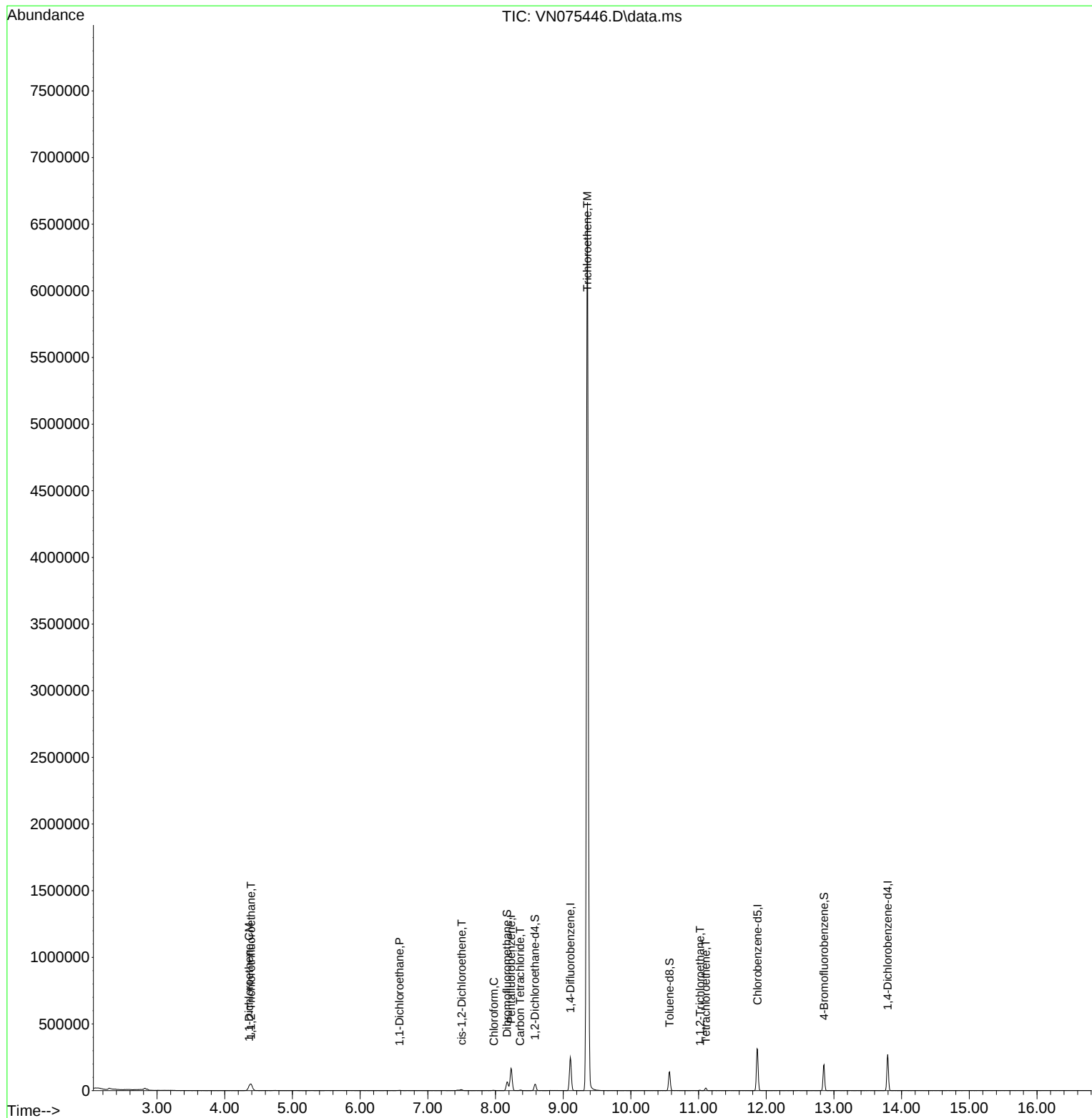
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	123409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	228373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	197902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	39364	59.423	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.840%	
35) Dibromofluoromethane	8.171	113	47285	52.707	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.420%	
50) Toluene-d8	10.570	98	101278	50.123	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	12.853	95	66567	44.634	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.260%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.389	101	33194	28.442	ug/l	96
12) 1,1-Dichloroethene	4.359	96	8811	7.710	ug/l	87
24) 1,1-Dichloroethane	6.583	63	3824	1.766	ug/l #	86
27) cis-1,2-Dichloroethene	7.500	96	4587	3.115	ug/l	91
30) Chloroform	7.977	83	3119	1.254	ug/l	92
38) Carbon Tetrachloride	8.365	117	3229	1.502	ug/l	89
44) Trichloroethene	9.359	130	2347129	1432.044	ug/l	100
55) 1,1,2-Trichloroethane	11.023	97	1314	0.836	ug/l #	94
64) Tetrachloroethene	11.106	164	4818	3.188	ug/l #	84

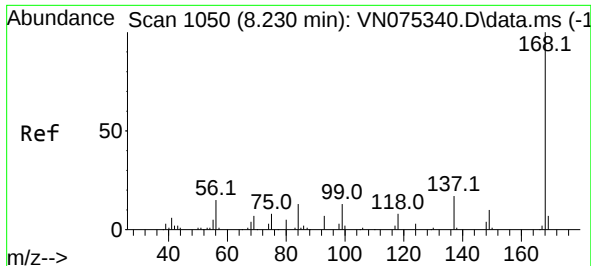
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
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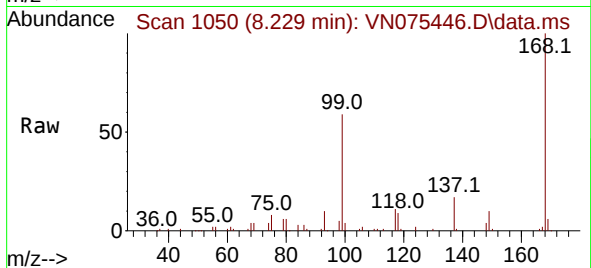
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Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration



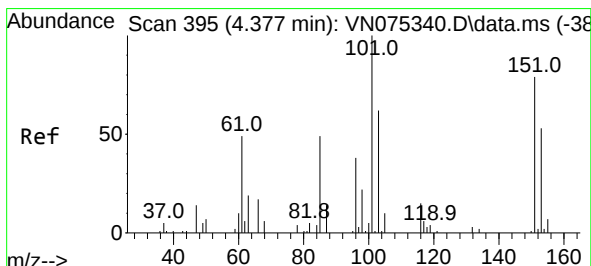
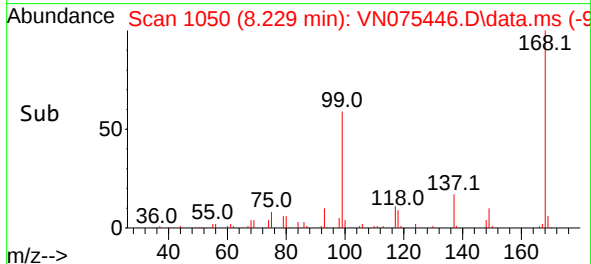
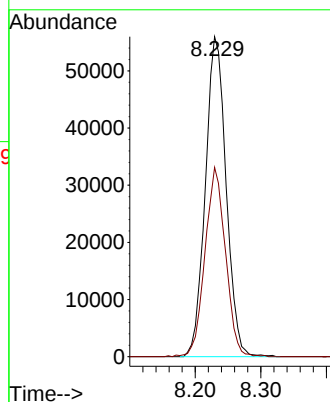


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

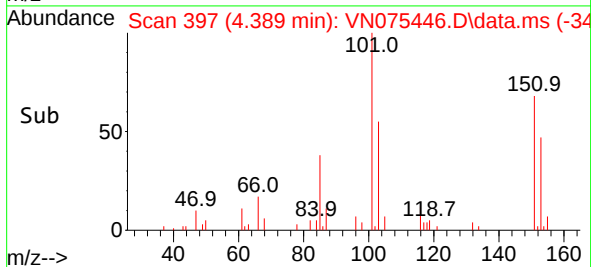
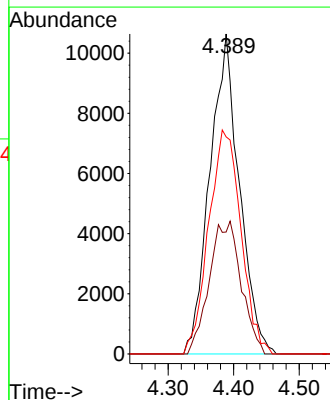
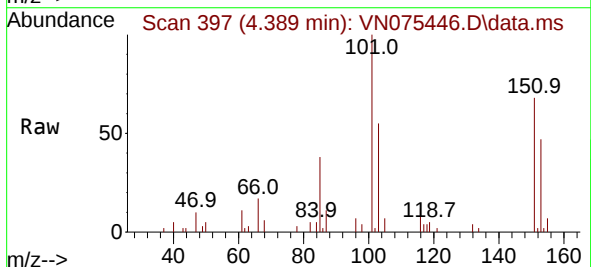


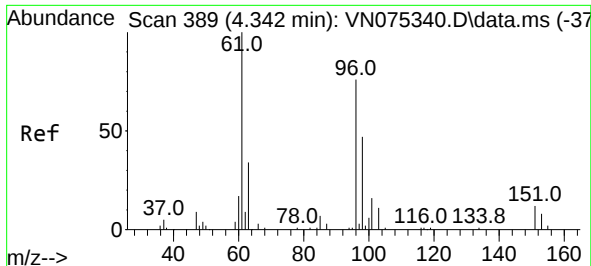
Tgt Ion:168 Resp: 123409
Ion Ratio Lower Upper
168 100
99 59.1 51.6 77.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 28.442 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion:101 Resp: 33194
Ion Ratio Lower Upper
101 100
85 44.9 37.6 56.4
151 76.6 58.3 87.5

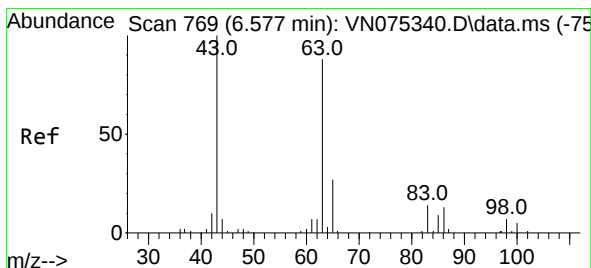
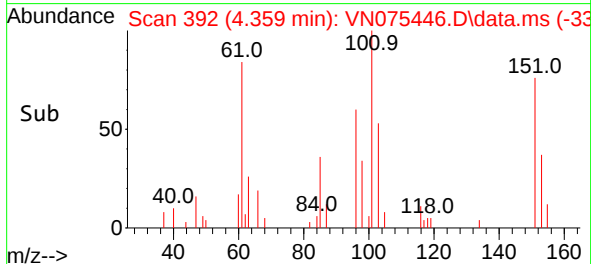
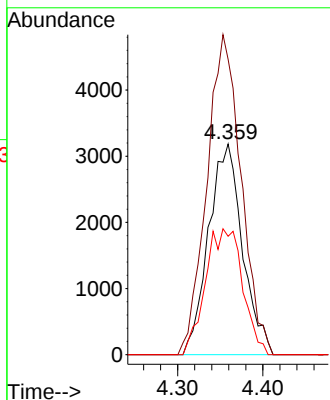
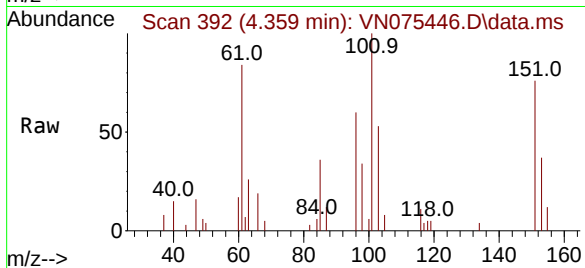




#12
1,1-Dichloroethene
Concen: 7.710 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

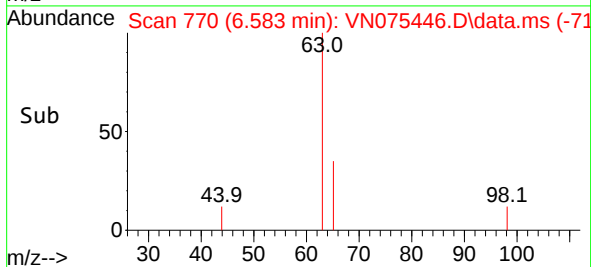
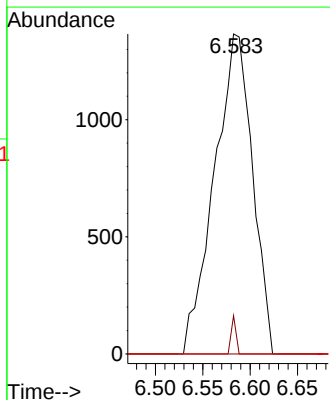
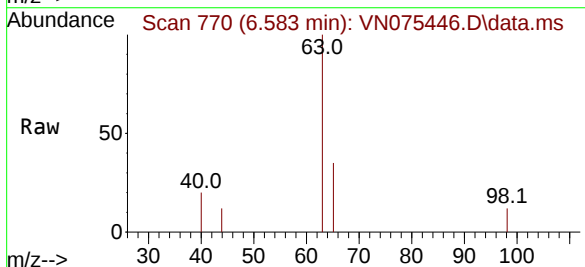
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

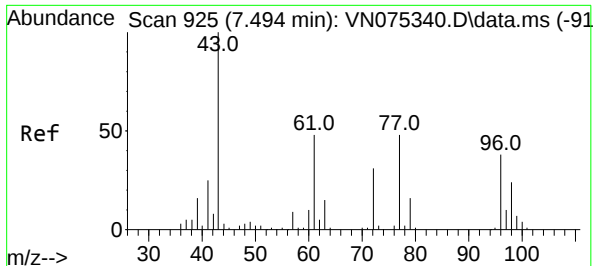
Tgt Ion: 96 Resp: 8811
Ion Ratio Lower Upper
96 100
61 140.2 126.2 189.4
98 56.2 51.5 77.3



#24
1,1-Dichloroethane
Concen: 1.766 ug/l
RT: 6.583 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 63 Resp: 3824
Ion Ratio Lower Upper
63 100
98 11.9 3.6 10.8#
100 0.0 2.4 7.2#





#27

cis-1,2-Dichloroethene

Concen: 3.115 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

RE137D7-20221121

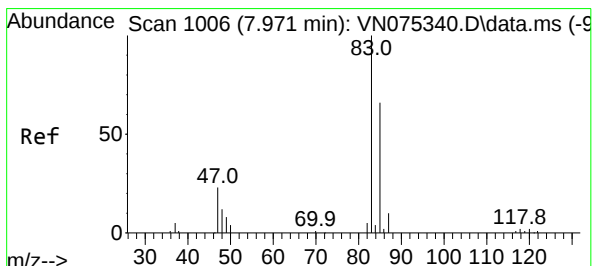
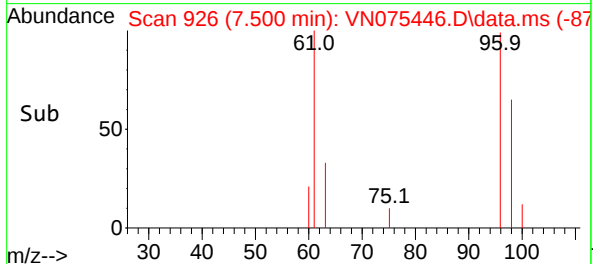
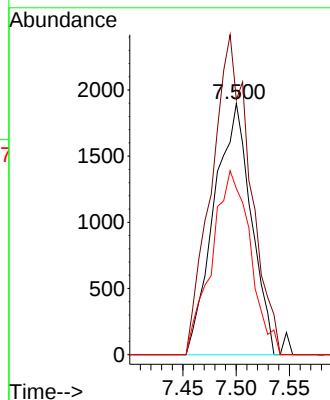
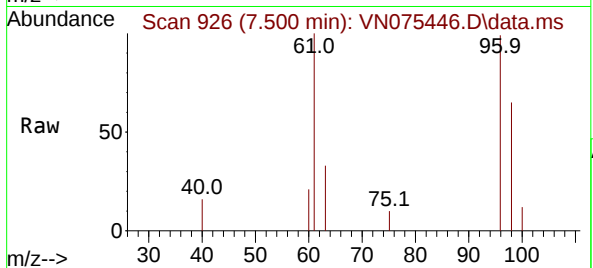
Tgt Ion: 96 Resp: 4587

Ion Ratio Lower Upper

96 100

61 133.0 0.0 278.8

98 76.6 0.0 128.4



#30

Chloroform

Concen: 1.254 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN075446.D

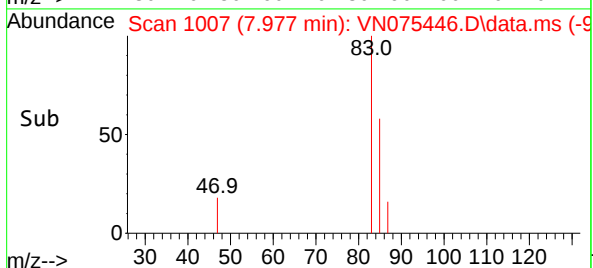
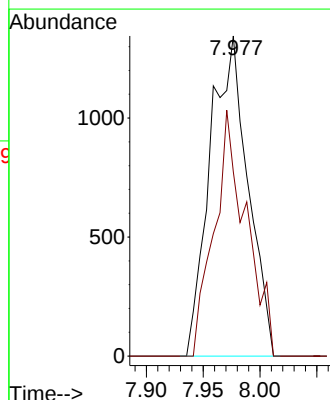
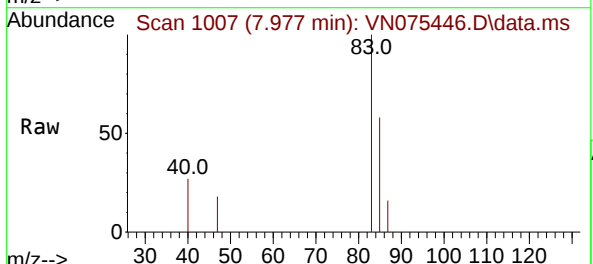
Acq: 28 Nov 2022 14:11

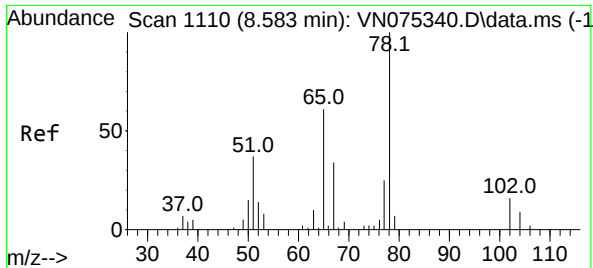
Tgt Ion: 83 Resp: 3119

Ion Ratio Lower Upper

83 100

85 57.5 51.4 77.0





#33

1,2-Dichloroethane-d4

Concen: 59.423 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

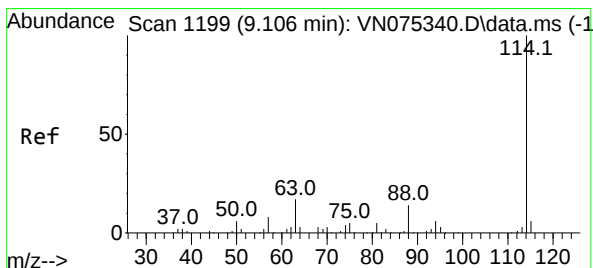
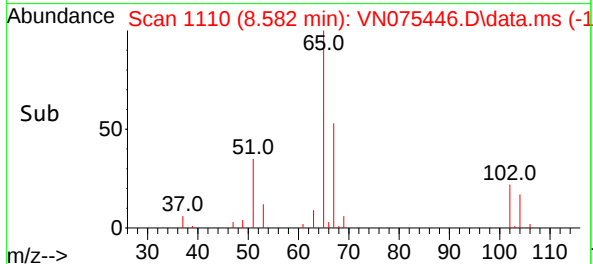
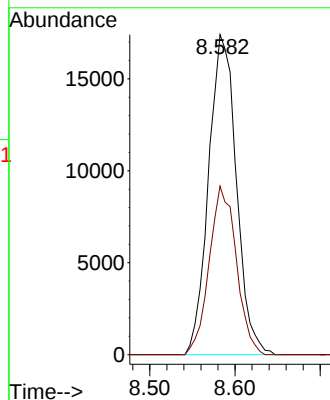
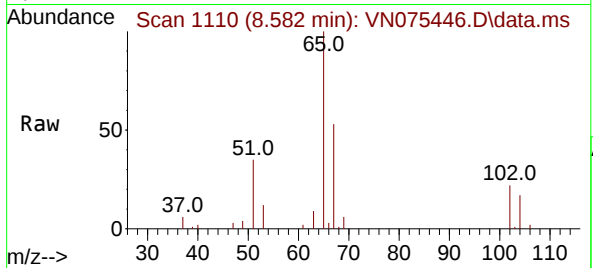
RE137D7-20221121

Tgt Ion: 65 Resp: 39364

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

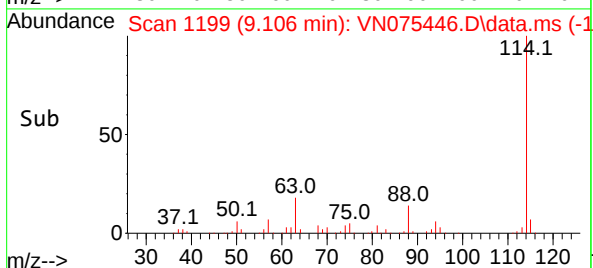
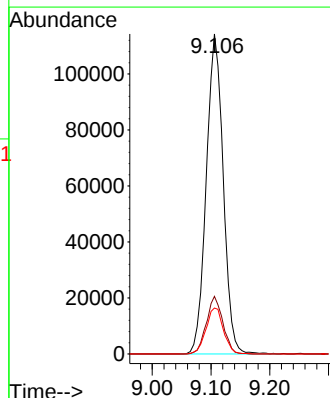
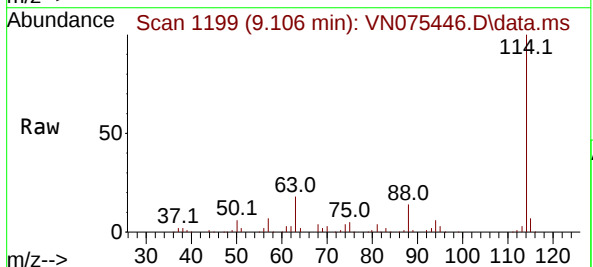
Tgt Ion: 114 Resp: 228373

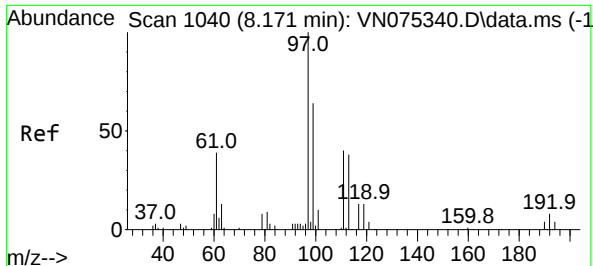
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.707 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075446.D

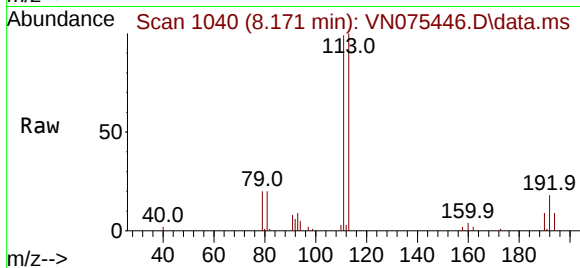
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Instrument :

MSVOA_N

ClientSampleId :

RE137D7-20221121



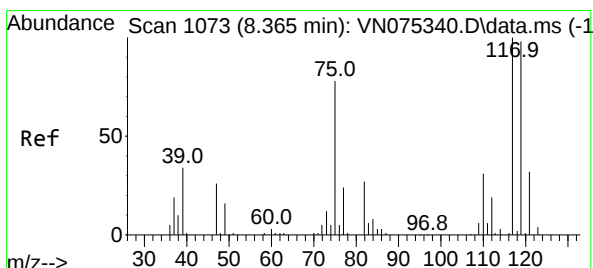
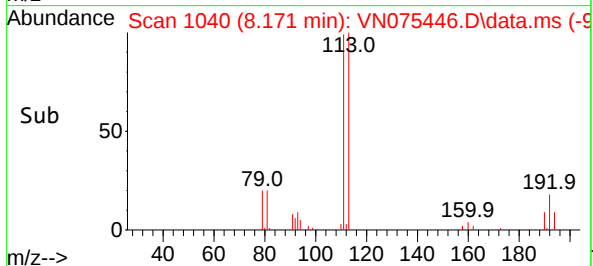
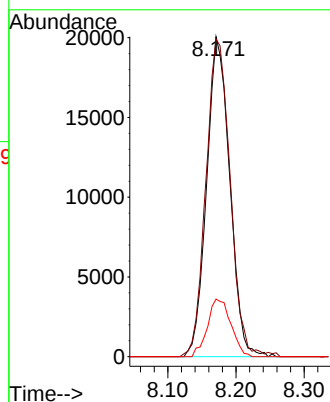
Tgt Ion:113 Resp: 47285

Ion Ratio Lower Upper

113 100

111 104.4 80.5 120.7

192 18.3 13.2 19.8



#38

Carbon Tetrachloride

Concen: 1.502 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

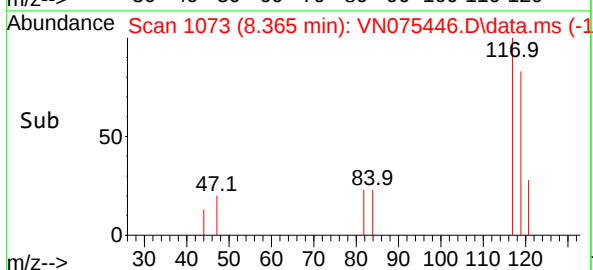
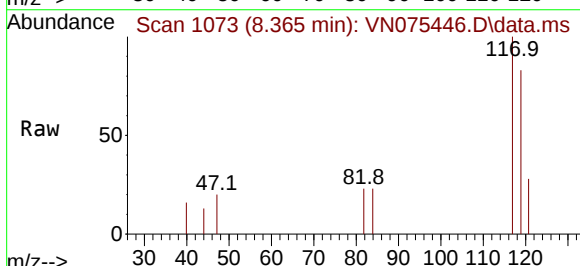
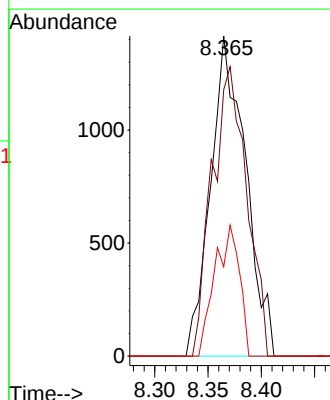
Tgt Ion:117 Resp: 3229

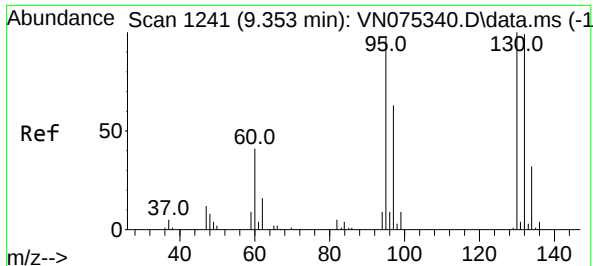
Ion Ratio Lower Upper

117 100

119 83.2 76.7 115.1

121 27.9 23.9 35.9

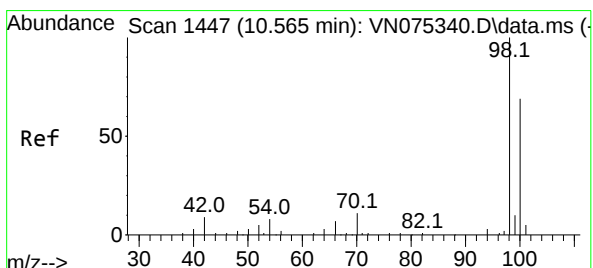
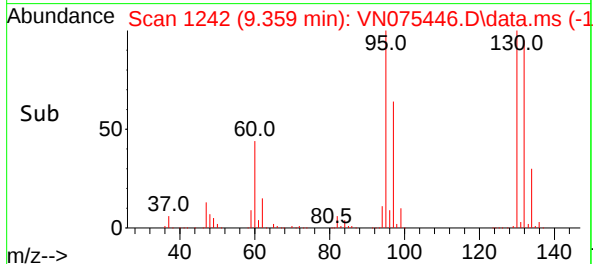
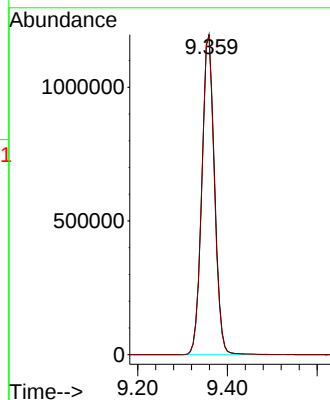
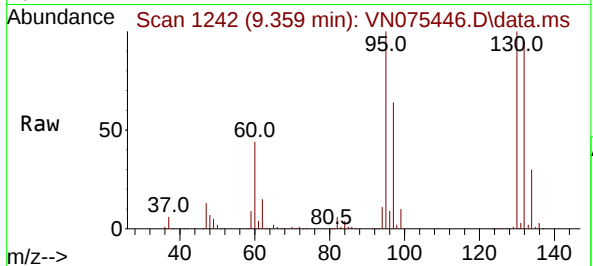




#44
Trichloroethene
Concen: 1432.044 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

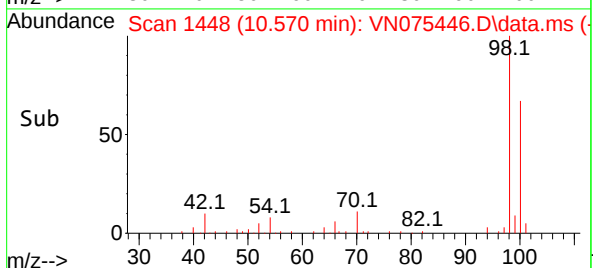
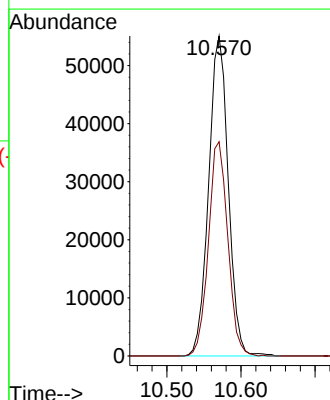
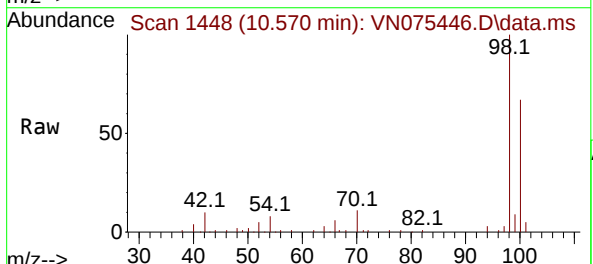
Instrument :
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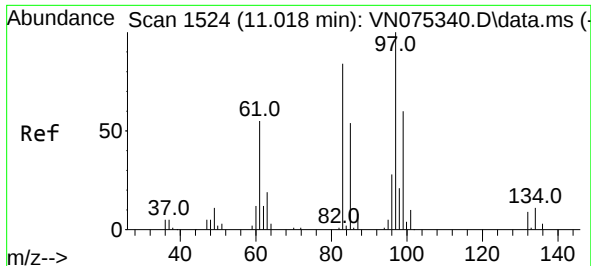
Tgt Ion:130 Resp: 2347129
Ion Ratio Lower Upper
130 100
95 99.5 0.0 198.4



#50
Toluene-d8
Concen: 50.123 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.005 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 98 Resp: 101278
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6

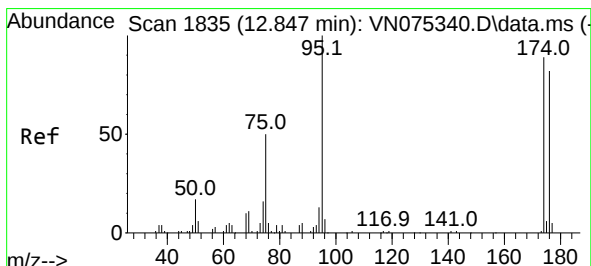
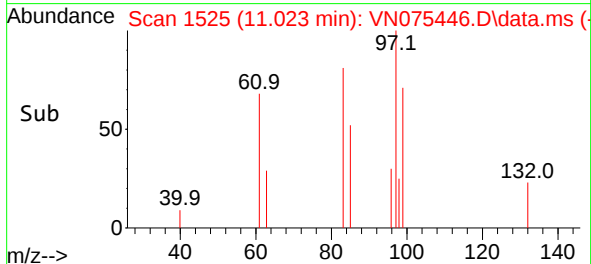
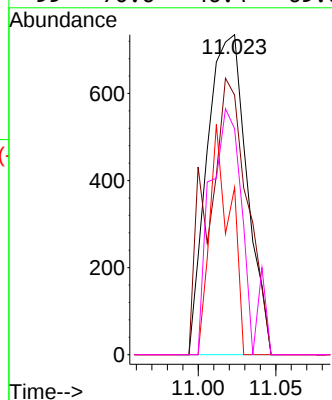
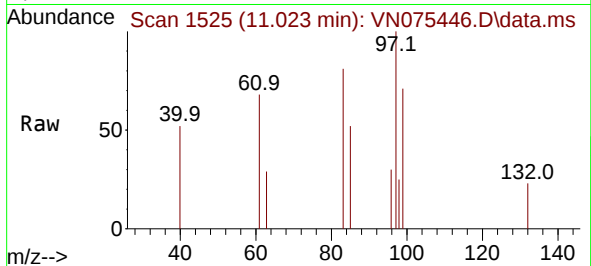




#55
1,1,2-Trichloroethane
Concen: 0.836 ug/l
RT: 11.023 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

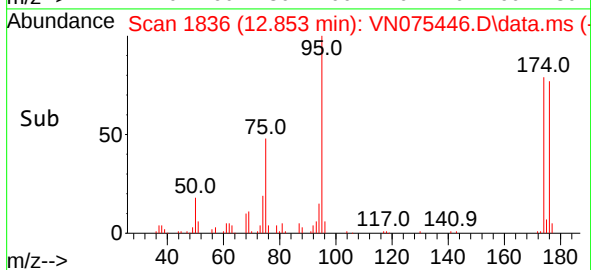
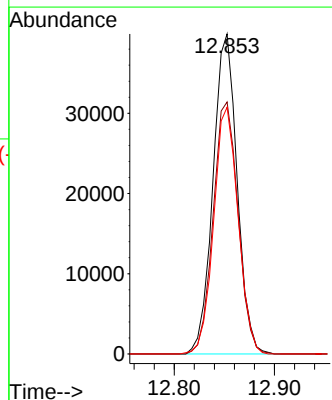
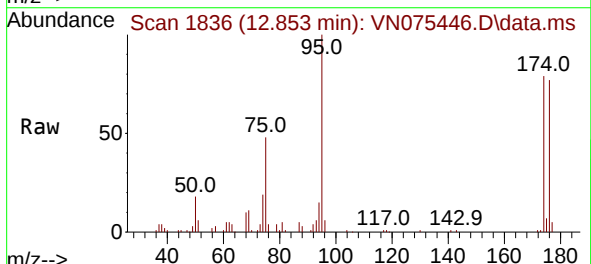
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

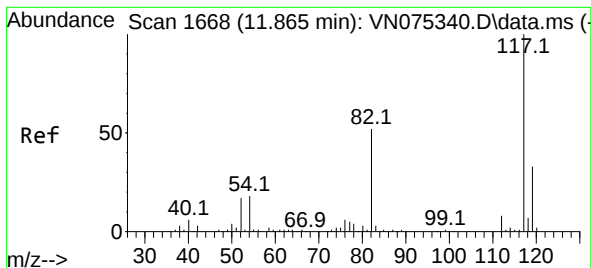
Tgt Ion: 97	Resp:	1314	
Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.9	98.9
85	52.2	40.4	60.6
99	70.6	46.4	69.6#



#62
4-Bromofluorobenzene
Concen: 44.634 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 95	Resp: 66567
Ion Ratio	Lower Upper
95 100	
174 81.2	0.0 147.4
176 78.1	0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

RE137D7-20221121

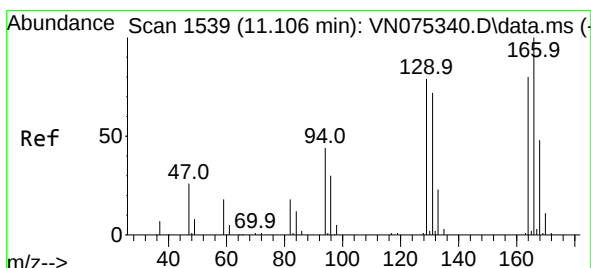
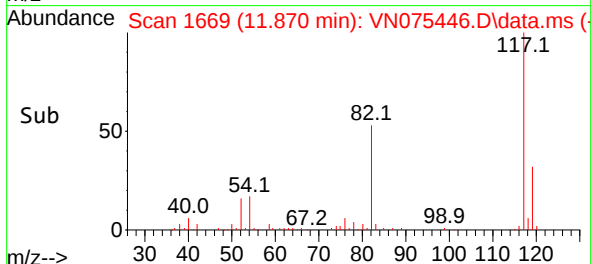
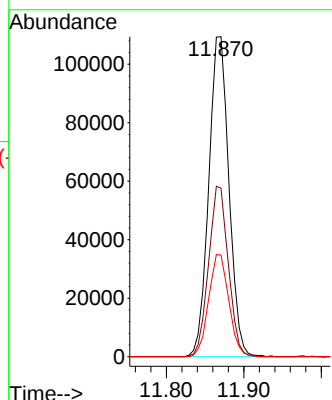
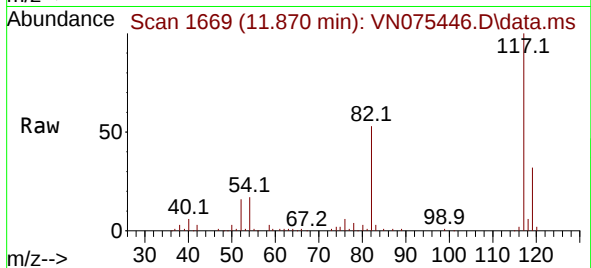
Tgt Ion:117 Resp: 197902

Ion Ratio Lower Upper

117 100

82 52.6 43.1 64.7

119 31.7 25.5 38.3



#64

Tetrachloroethene

Concen: 3.188 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

Tgt Ion:164 Resp: 4818

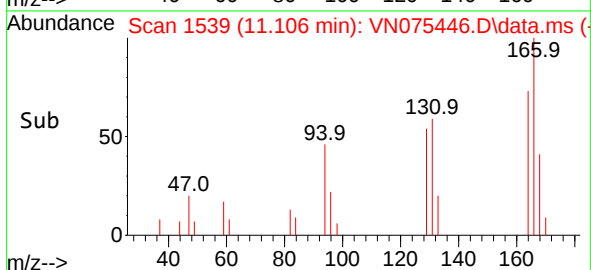
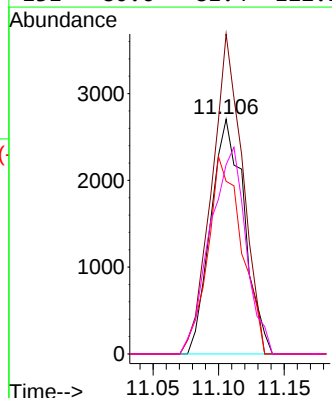
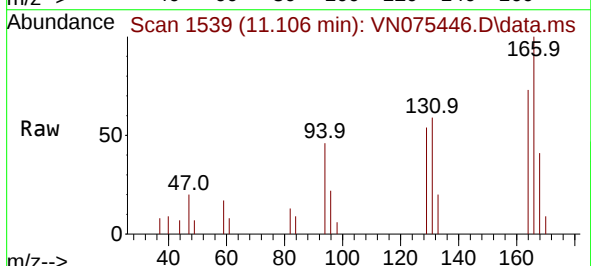
Ion Ratio Lower Upper

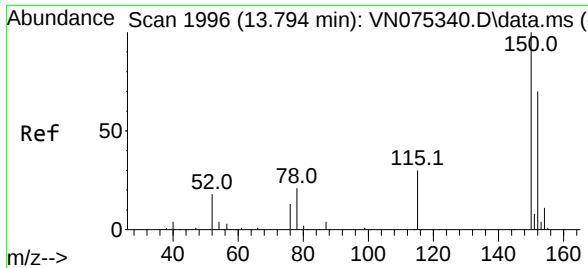
164 100

166 136.3 106.5 159.7

129 73.5 81.9 122.9#

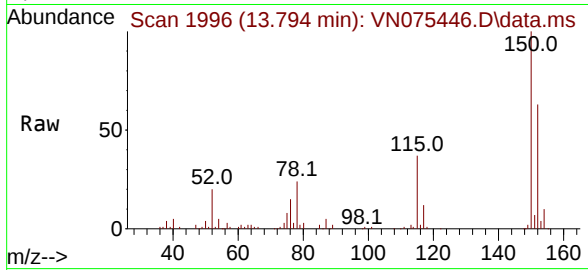
131 80.6 81.4 122.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075446.D
 Acq: 28 Nov 2022 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137D7-20221121



Tgt Ion:	152	Resp:	75804
Ion Ratio	Lower	Upper	
152	100		
115	58.9	30.2	90.6
150	155.4	0.0	348.4

