

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074865.D
 Acq On : 11 Oct 2022 22:39
 Operator : JC\MD
 Sample : PB148097ZHE#15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148097ZHE#15

Quant Time: Oct 12 04:01:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

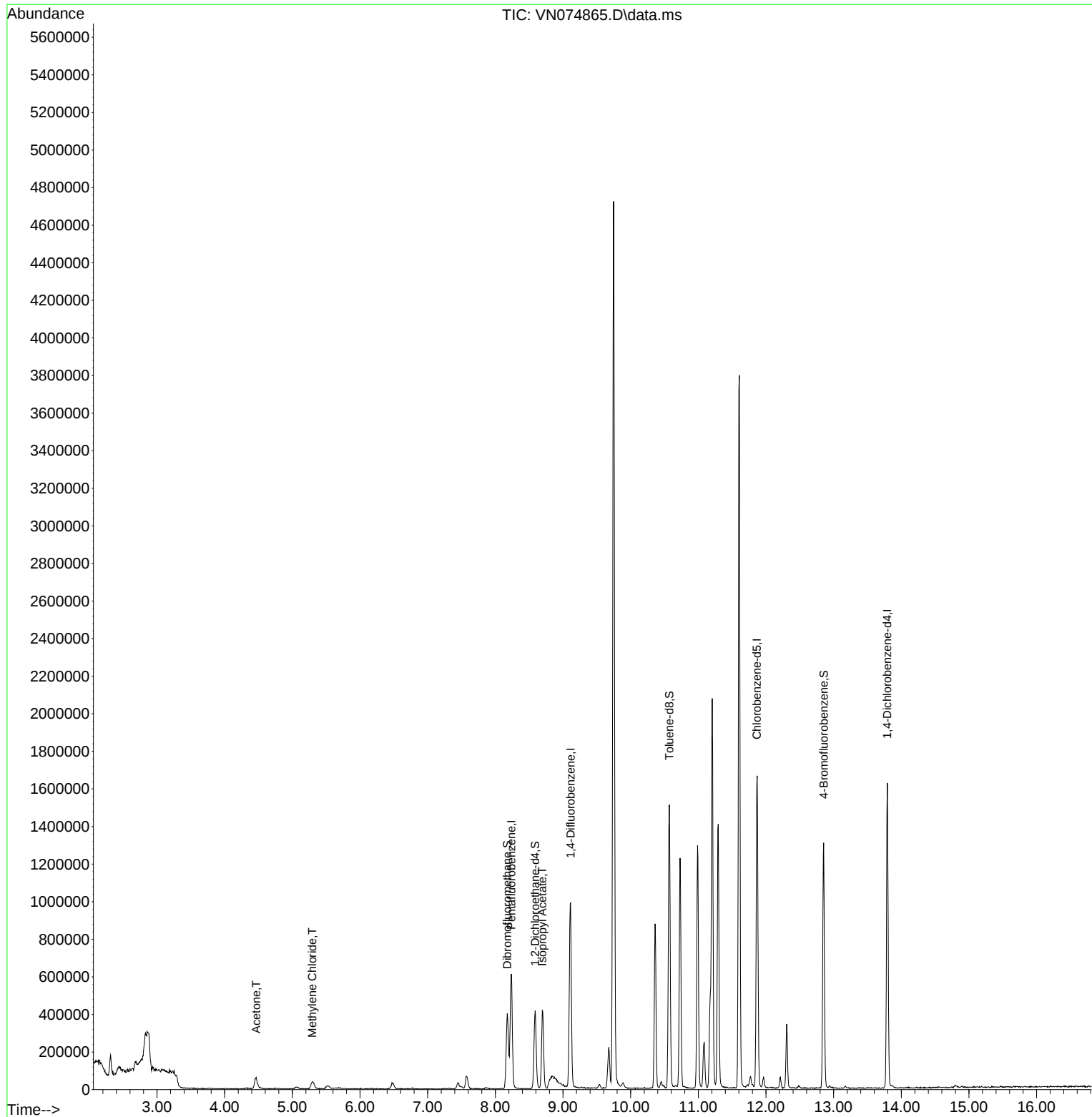
Internal Standards						
1) Pentafluorobenzene	8.236	168	432652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	859515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	937944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	411663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	302303	29.489	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	58.980%#
35) Dibromofluoromethane	8.177	113	284219	32.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	65.460%#
50) Toluene-d8	10.571	98	1031077	27.670	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	55.340%#
62) 4-Bromofluorobenzene	12.853	95	394657	34.841	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	69.680%#
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	111909	19.263	ug/l	97
20) Methylene Chloride	5.295	84	30665	1.149	ug/l #	80
43) Isopropyl Acetate	8.694	43	479292	13.756	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.700	180	62	Below Cal	#	12

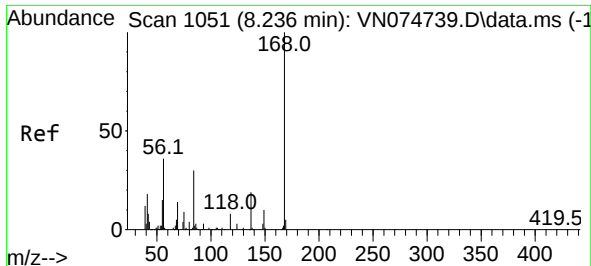
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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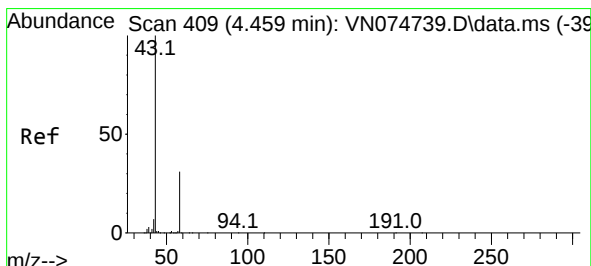
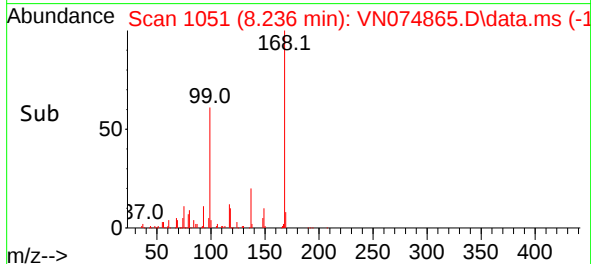
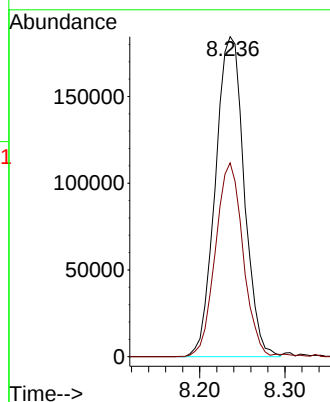
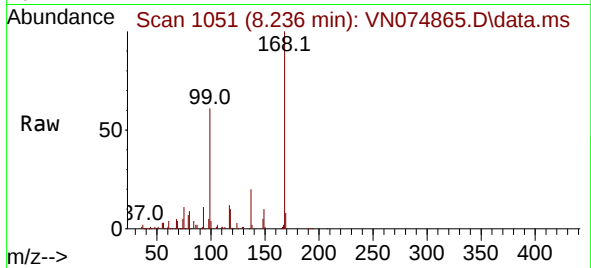




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074865.D
Acq: 11 Oct 2022 22:39

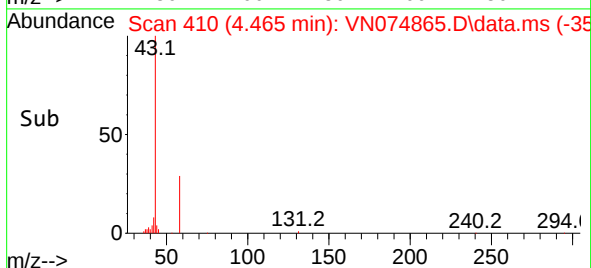
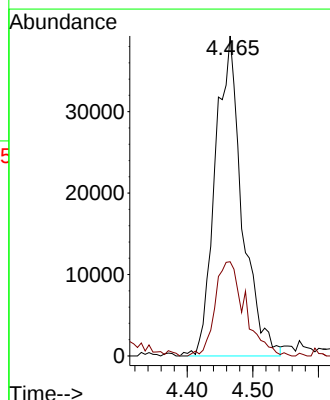
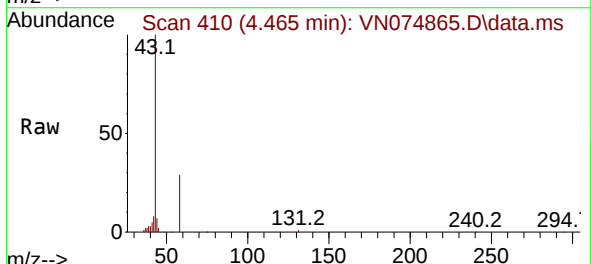
Instrument :
MSVOA_N
ClientSampleId :
PB148097ZHE#15

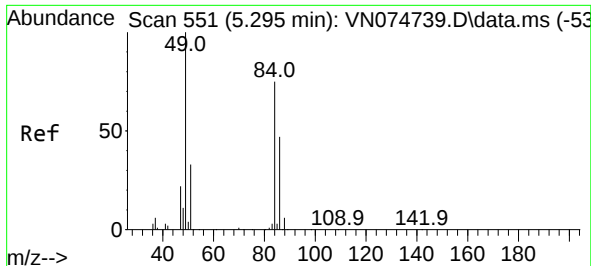
Tgt Ion:168 Resp: 432652
Ion Ratio Lower Upper
168 100
99 60.4 42.8 64.2



#16
Acetone
Concen: 19.263 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN074865.D
Acq: 11 Oct 2022 22:39

Tgt Ion: 43 Resp: 111909
Ion Ratio Lower Upper
43 100
58 29.5 24.9 37.3

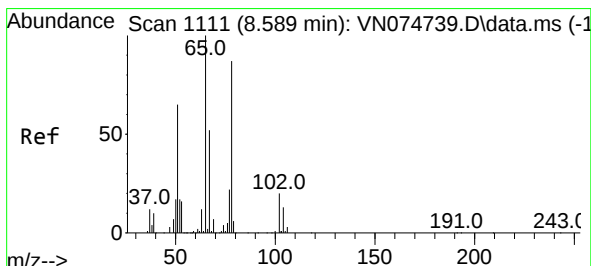
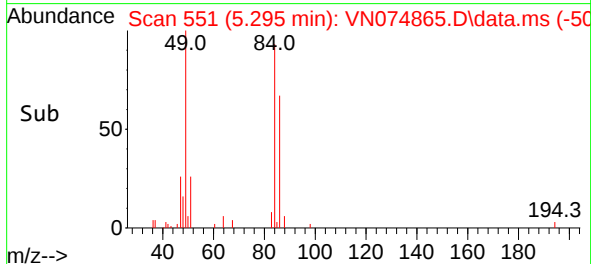
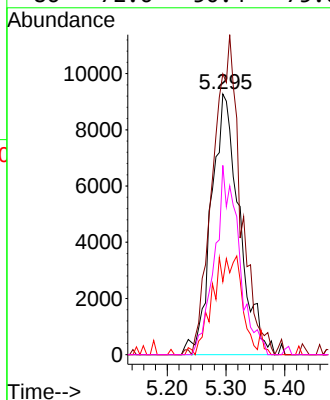
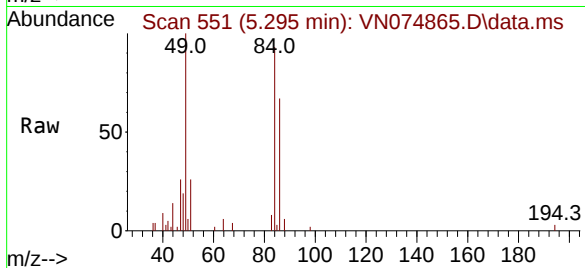




#20
Methylene Chloride
Concen: 1.149 ug/l
RT: 5.295 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN074865.D
Acq: 11 Oct 2022 22:39

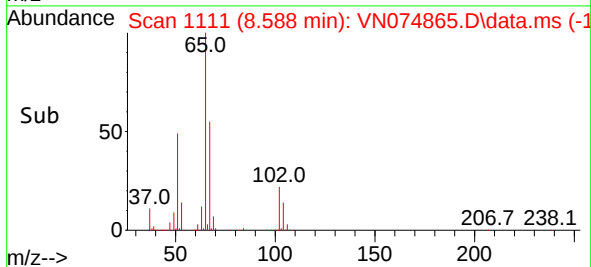
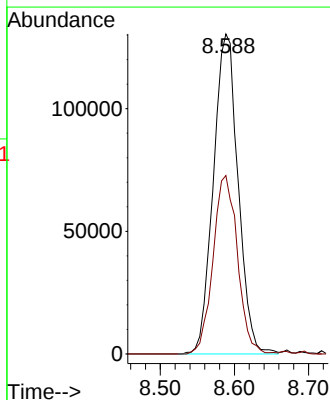
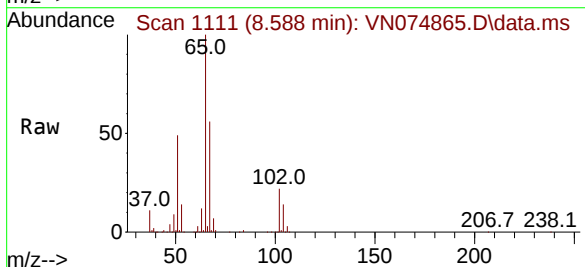
Instrument :
MSVOA_N
ClientSampleId :
PB148097ZHE#15

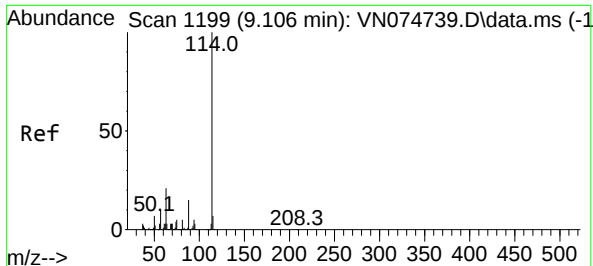
Tgt Ion: 84 Resp: 30665
Ion Ratio Lower Upper
84 100
49 107.7 107.4 161.0
51 28.1 35.1 52.7#
86 72.6 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 29.489 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074865.D
Acq: 11 Oct 2022 22:39

Tgt Ion: 65 Resp: 302303
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074865.D

Acq: 11 Oct 2022 22:39

Instrument :

MSVOA_N

ClientSampleId :

PB148097ZHE#15

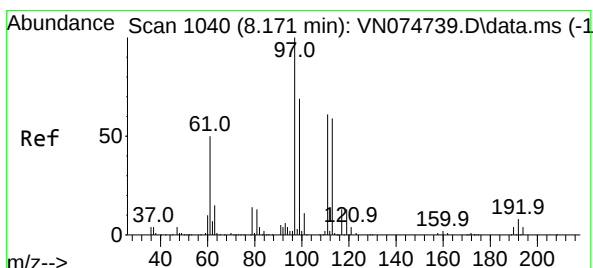
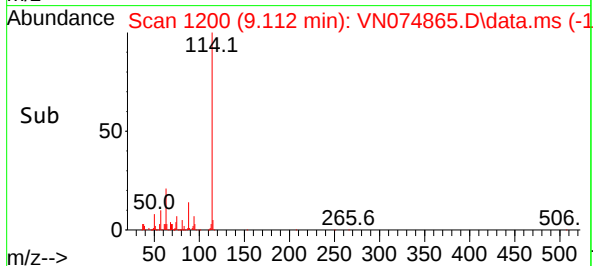
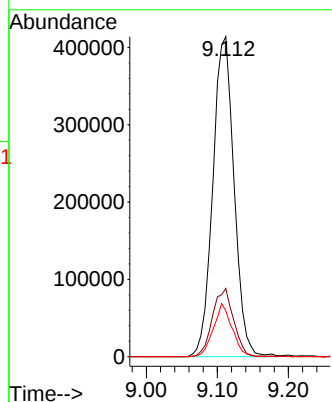
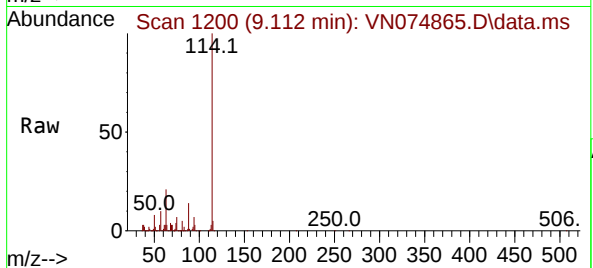
Tgt Ion:114 Resp: 859515

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.2

88 14.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 32.728 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074865.D

Acq: 11 Oct 2022 22:39

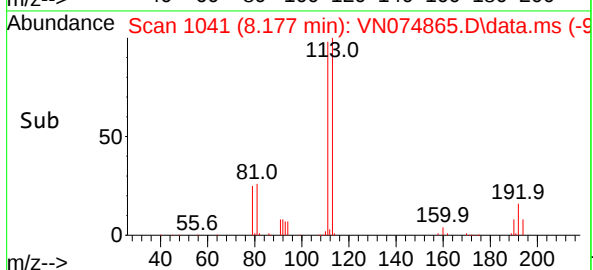
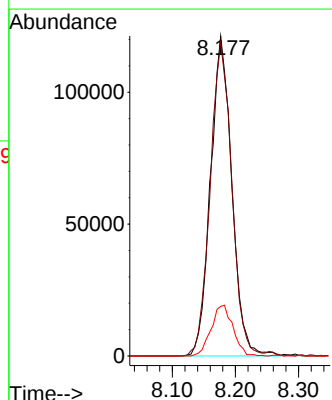
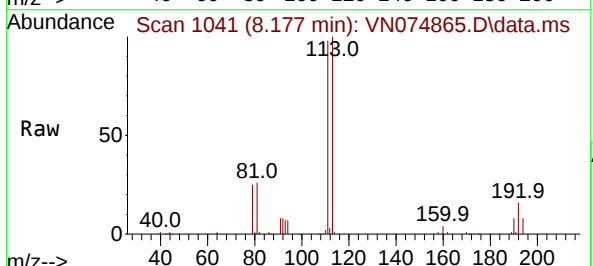
Tgt Ion:113 Resp: 284219

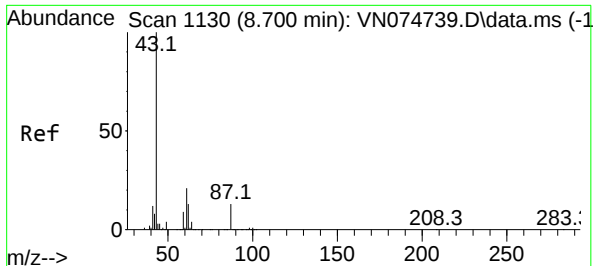
Ion Ratio Lower Upper

113 100

111 99.5 83.0 124.6

192 16.2 12.6 18.8

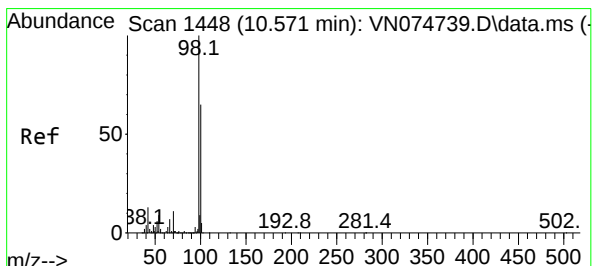
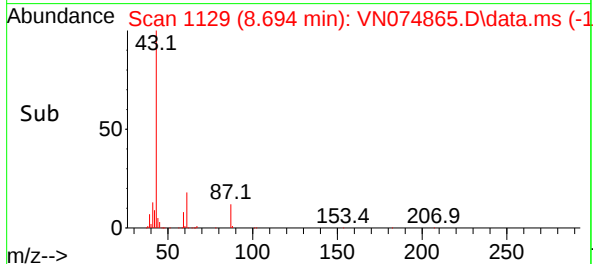
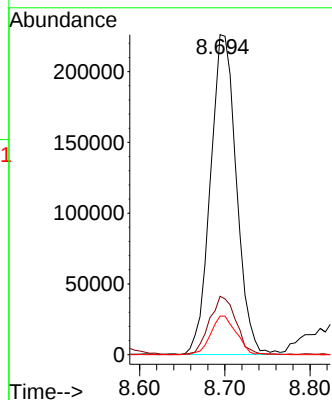
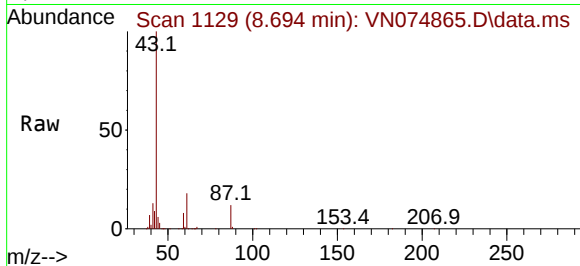




#43
Isopropyl Acetate
Concen: 13.756 ug/l
RT: 8.694 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN074865.D
Acq: 11 Oct 2022 22:39

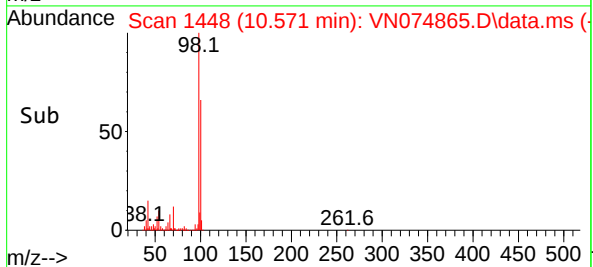
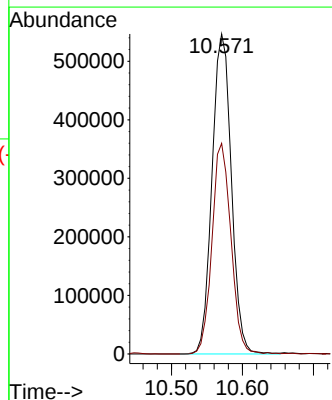
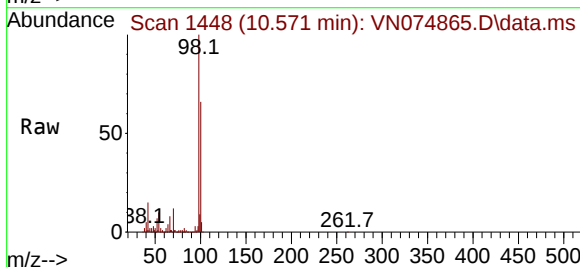
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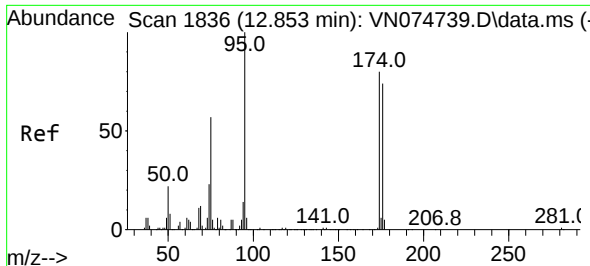
Tgt Ion: 43 Resp: 479292
Ion Ratio Lower Upper
43 100
61 18.8 19.4 29.0#
87 12.0 10.1 15.1



#50
Toluene-d8
Concen: 27.670 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074865.D
Acq: 11 Oct 2022 22:39

Tgt Ion: 98 Resp: 1031077
Ion Ratio Lower Upper
98 100
100 64.7 50.7 76.1

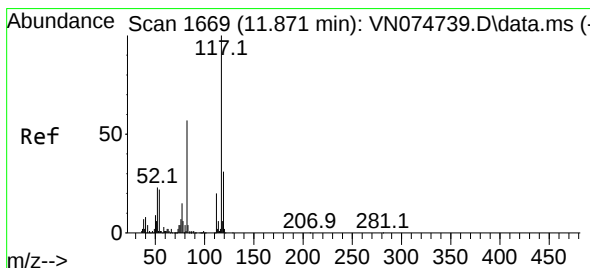
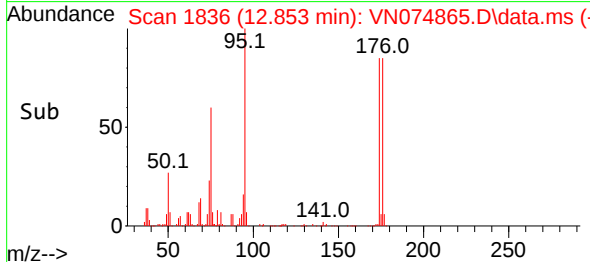
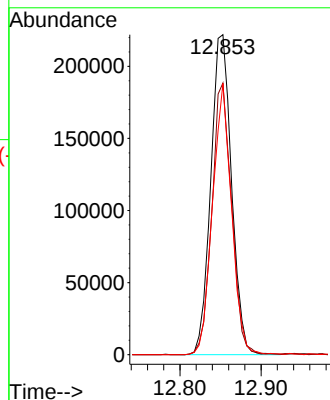
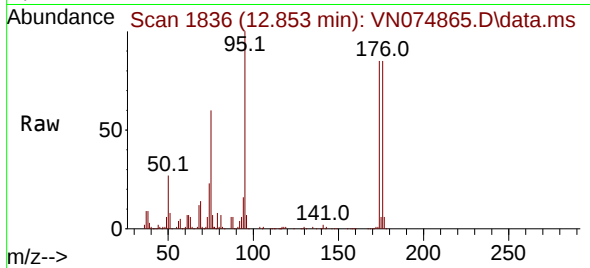




#62
4-Bromofluorobenzene
Concen: 34.841 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074865.D
Acq: 11 Oct 2022 22:39

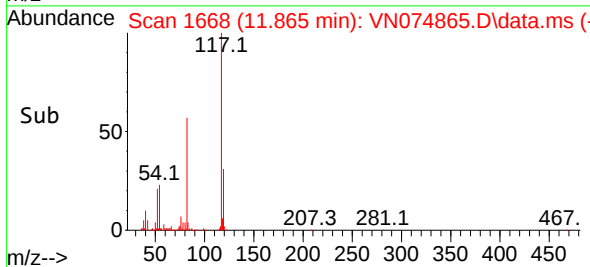
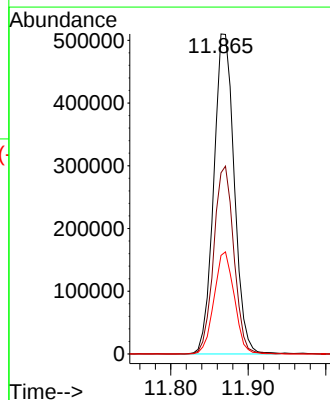
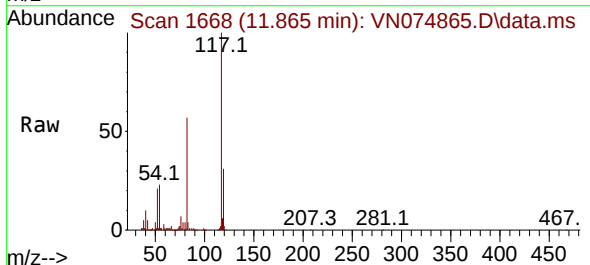
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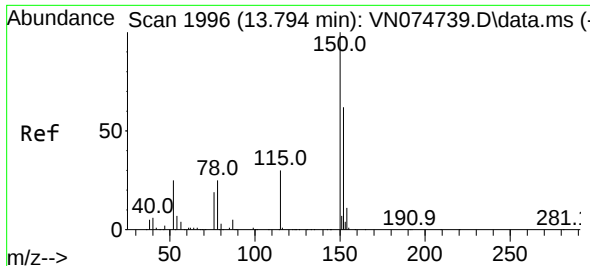
Tgt Ion: 95 Resp: 394657
Ion Ratio Lower Upper
95 100
174 80.6 0.0 149.4
176 77.7 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN074865.D
Acq: 11 Oct 2022 22:39

Tgt Ion: 117 Resp: 937944
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 30.8 25.1 37.7

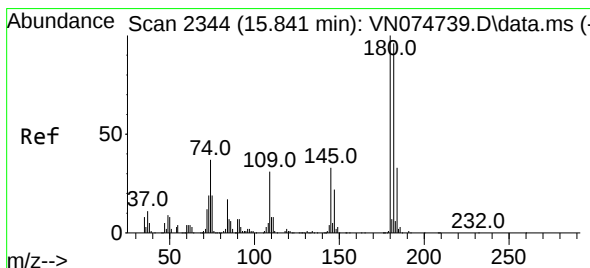
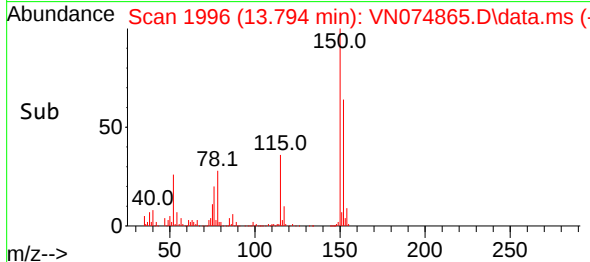
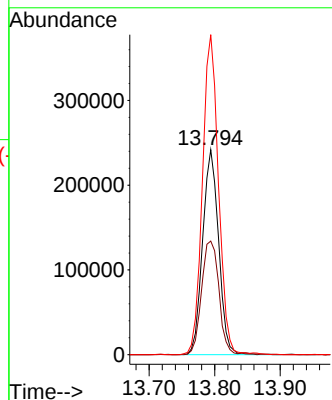
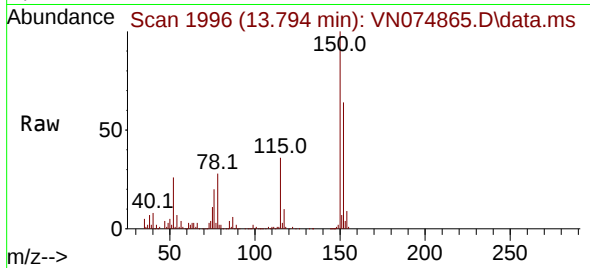




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074865.D
 Acq: 11 Oct 2022 22:39

Instrument :
 MSVOA_N
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 PB148097ZHE#15

Tgt Ion:152 Resp: 411663
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.0 90.0
 150 156.5 0.0 356.4



#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.700 min Scan# 2320
 Delta R.T. -0.141 min
 Lab File: VN074865.D
 Acq: 11 Oct 2022 22:39

Tgt Ion:180 Resp: 62
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 0.0 17.1 51.2#

