

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
 Data File : VN074837.D
 Acq On : 10 Oct 2022 17:25
 Operator : JC\MD
 Sample : PB148097ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148097ZHE#05

Quant Time: Oct 11 06:27:09 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)

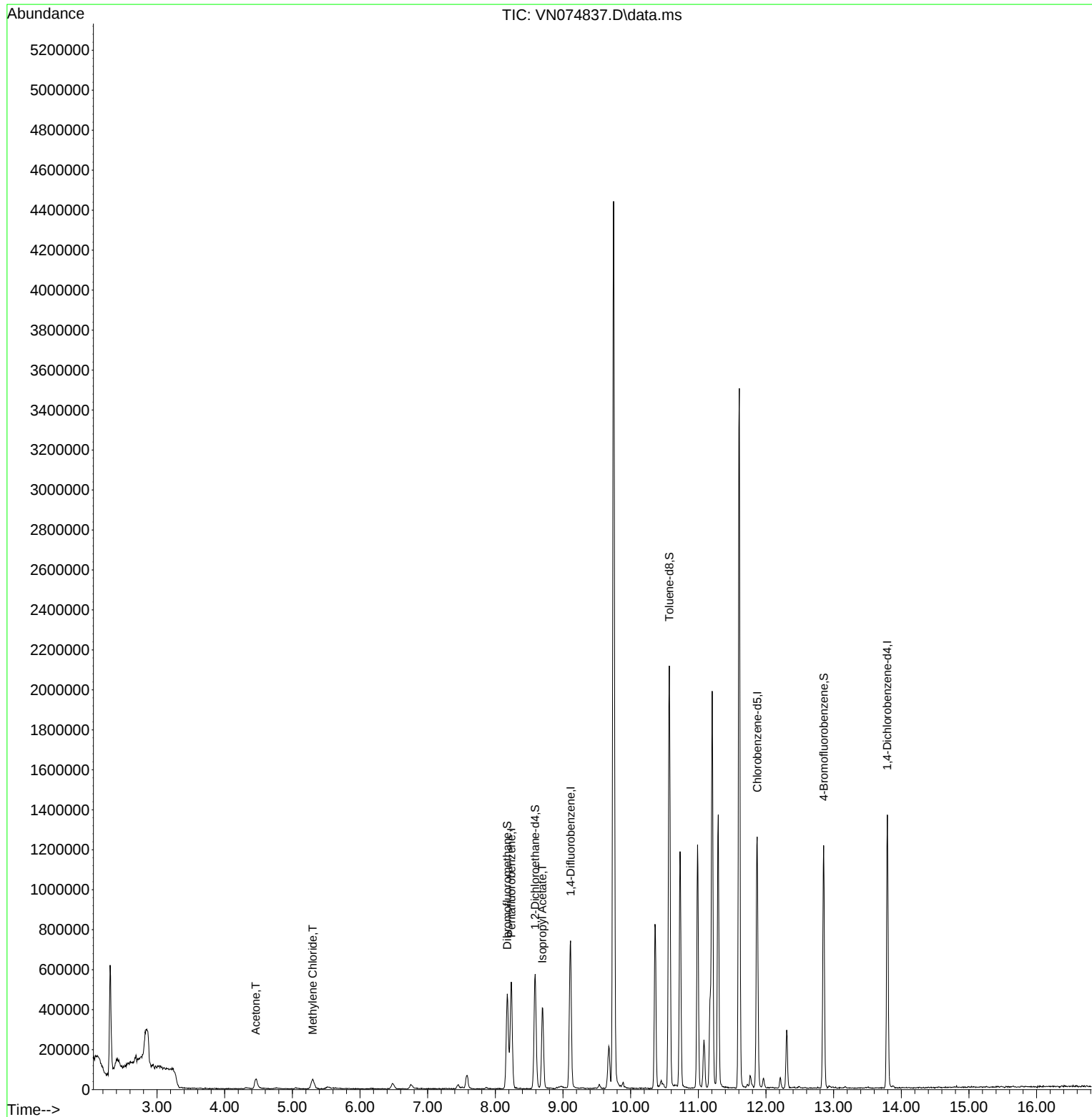
Internal Standards						
1) Pentafluorobenzene	8.236	168	370234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	632647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	695116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	339290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	424063	48.341	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.680%
35) Dibromofluoromethane	8.177	113	320622	50.160	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.320%
50) Toluene-d8	10.571	98	1422987	51.882	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.853	95	372468	44.674	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.340%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	94296	18.968	ug/l #	87
20) Methylene Chloride	5.300	84	35433	2.365	ug/l	98
43) Isopropyl Acetate	8.694	43	475338	18.535	ug/l #	91

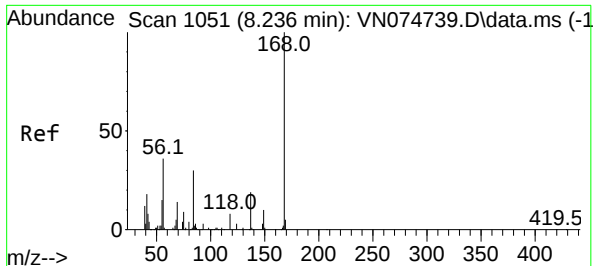
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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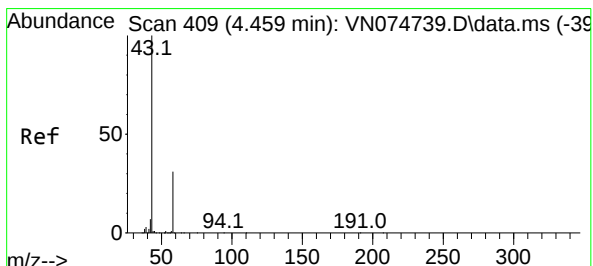
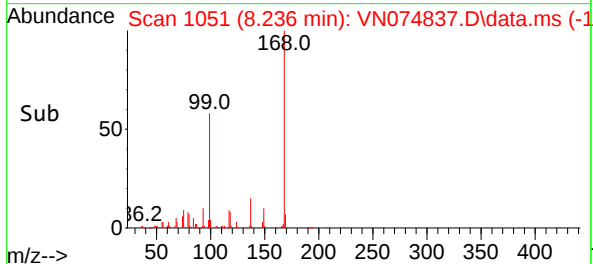
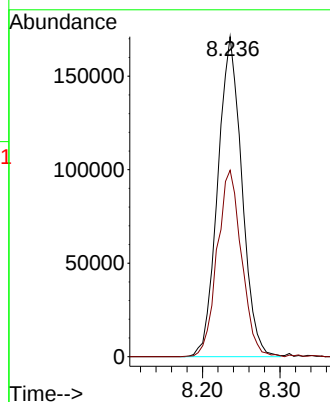
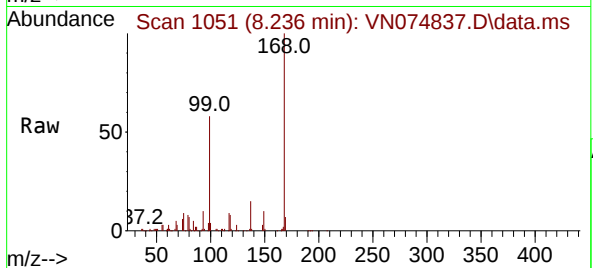




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074837.D
Acq: 10 Oct 2022 17:25

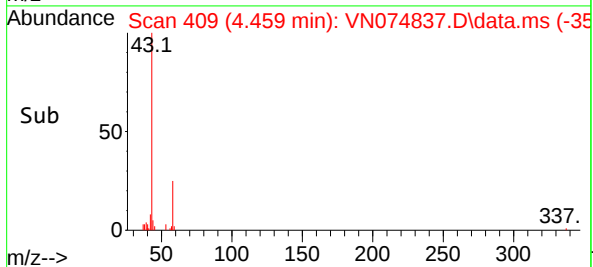
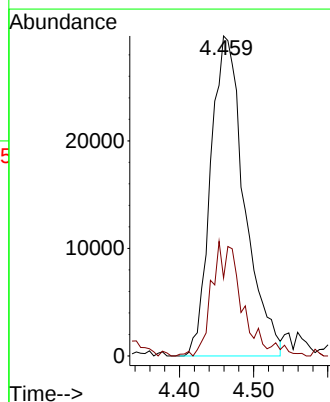
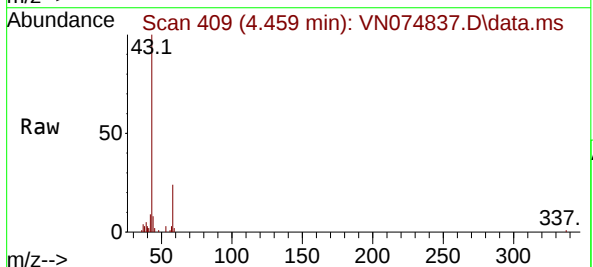
Instrument :
MSVOA_N
ClientSampleId :
PB148097ZHE#05

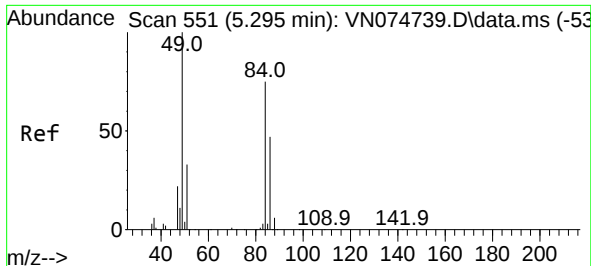
Tgt Ion:168 Resp: 370234
Ion Ratio Lower Upper
168 100
99 58.3 42.8 64.2



#16
Acetone
Concen: 18.968 ug/l
RT: 4.459 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN074837.D
Acq: 10 Oct 2022 17:25

Tgt Ion: 43 Resp: 94296
Ion Ratio Lower Upper
43 100
58 23.8 24.9 37.3#

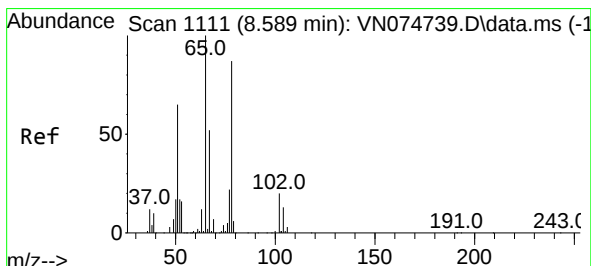
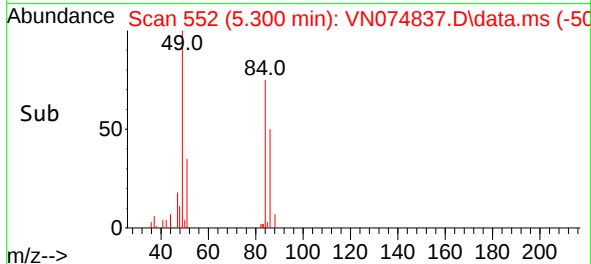
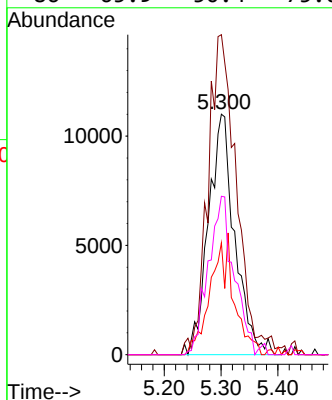
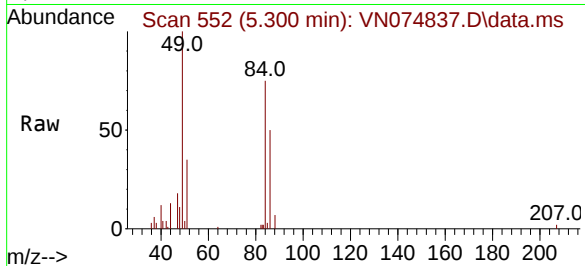




#20
Methylene Chloride
Concen: 2.365 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN074837.D
Acq: 10 Oct 2022 17:25

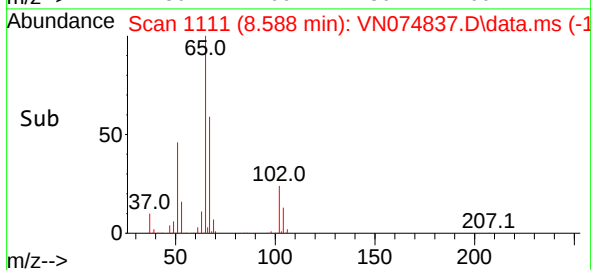
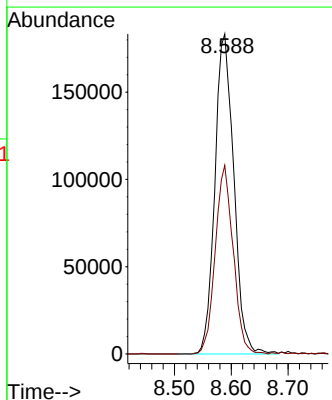
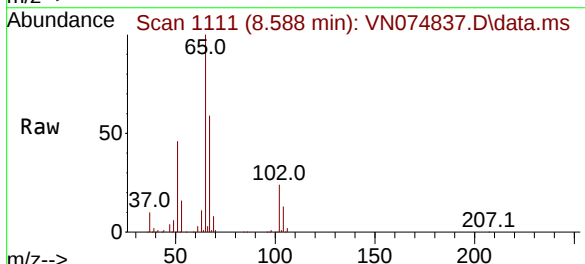
Instrument :
MSVOA_N
ClientSampleId :
PB148097ZHE#05

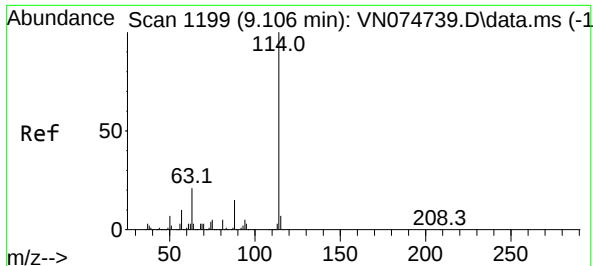
Tgt Ion: 84 Resp: 35433
Ion Ratio Lower Upper
84 100
49 133.0 107.4 161.0
51 46.5 35.1 52.7
86 65.9 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 48.341 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074837.D
Acq: 10 Oct 2022 17:25

Tgt Ion: 65 Resp: 424063
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1199

Delta R.T. 0.006 min

Lab File: VN074837.D

Acq: 10 Oct 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

PB148097ZHE#05

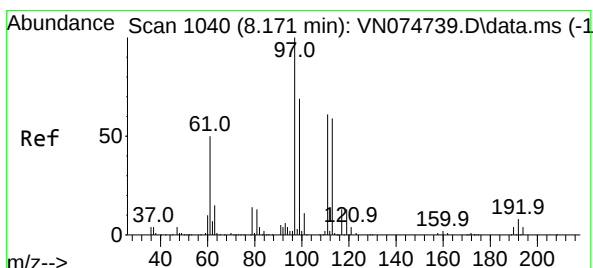
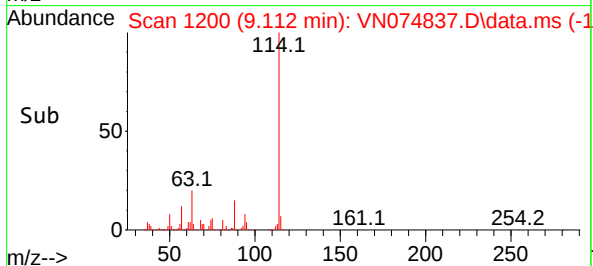
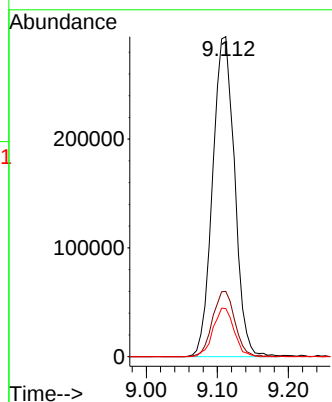
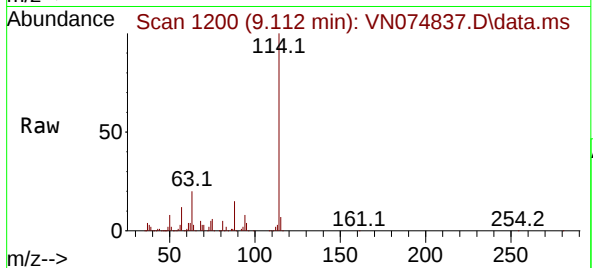
Tgt Ion:114 Resp: 632647

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.2

88 15.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.160 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074837.D

Acq: 10 Oct 2022 17:25

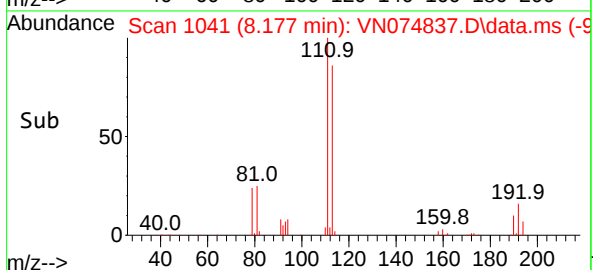
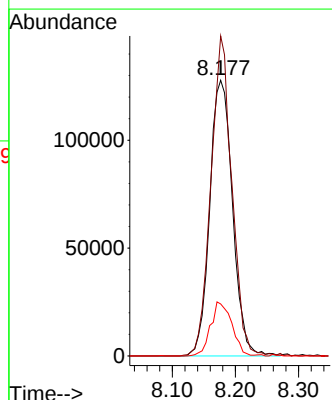
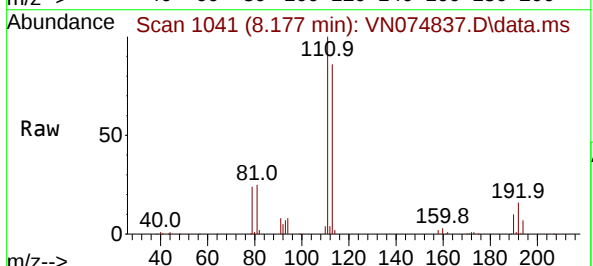
Tgt Ion:113 Resp: 320622

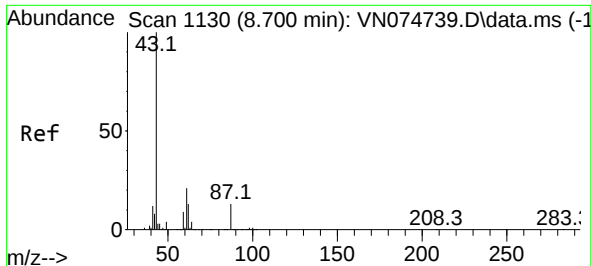
Ion Ratio Lower Upper

113 100

111 106.6 83.0 124.6

192 18.2 12.6 18.8

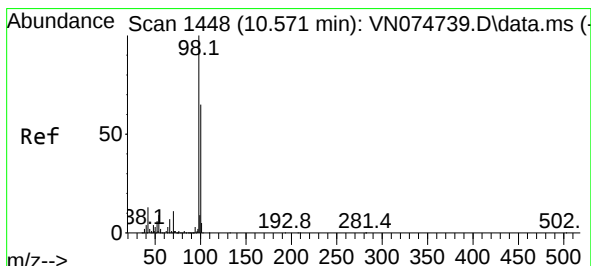
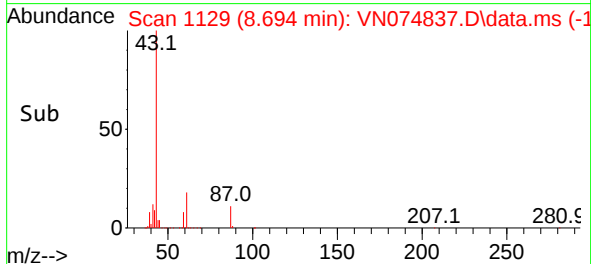
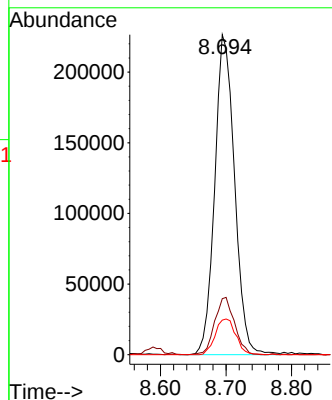
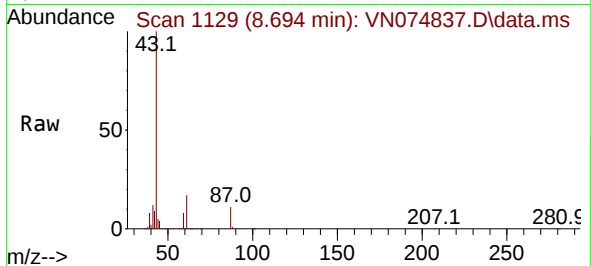




#43
Isopropyl Acetate
Concen: 18.535 ug/l
RT: 8.694 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN074837.D
Acq: 10 Oct 2022 17:25

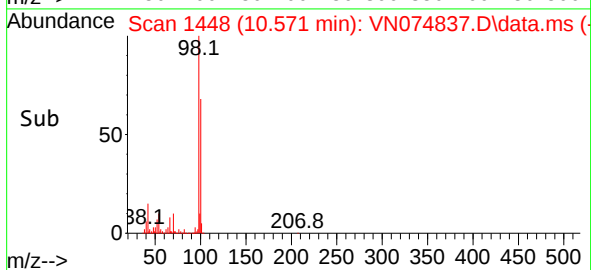
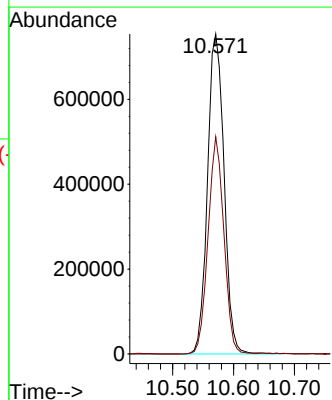
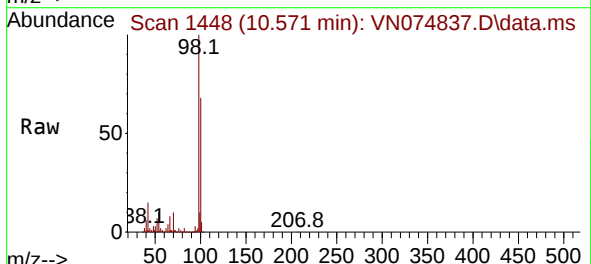
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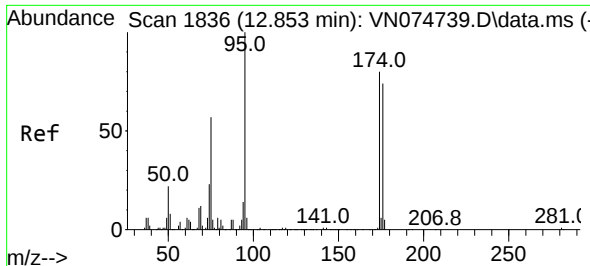
Tgt Ion: 43 Resp: 475338
Ion Ratio Lower Upper
43 100
61 17.9 19.4 29.0#
87 11.5 10.1 15.1



#50
Toluene-d8
Concen: 51.882 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074837.D
Acq: 10 Oct 2022 17:25

Tgt Ion: 98 Resp: 1422987
Ion Ratio Lower Upper
98 100
100 64.9 50.7 76.1

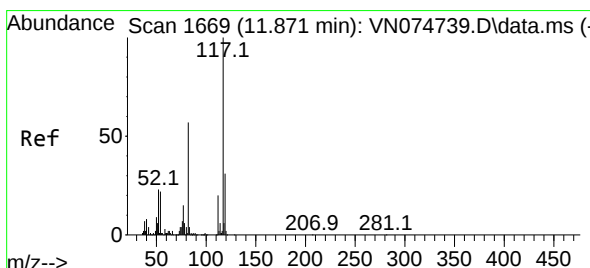
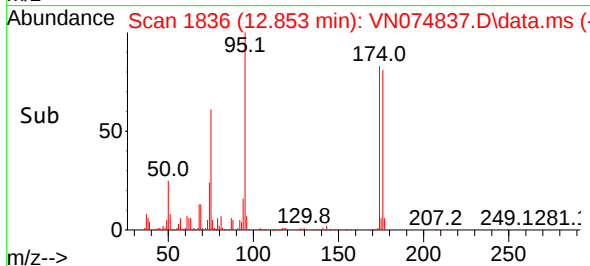
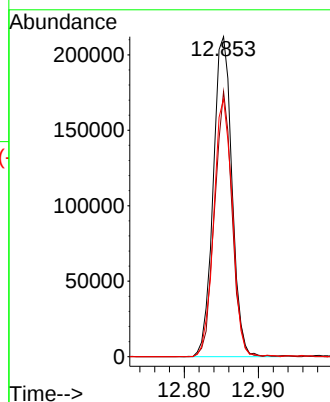
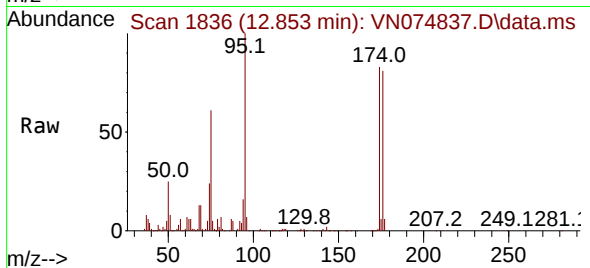




#62
4-Bromofluorobenzene
Concen: 44.674 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074837.D
Acq: 10 Oct 2022 17:25

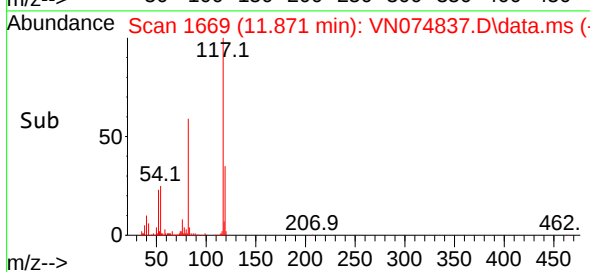
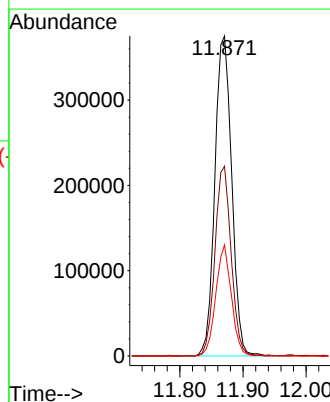
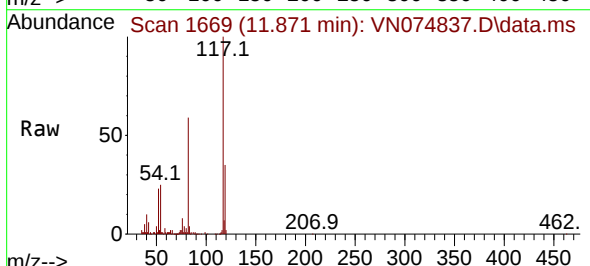
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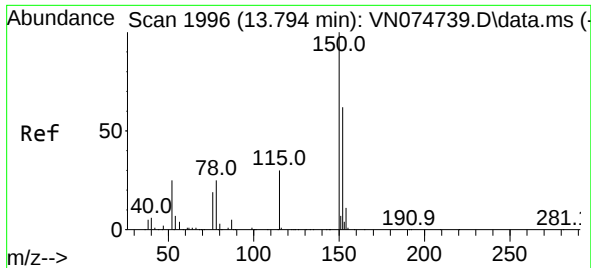
Tgt Ion: 95 Resp: 372468
Ion Ratio Lower Upper
95 100
174 77.6 0.0 149.4
176 79.7 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074837.D
Acq: 10 Oct 2022 17:25

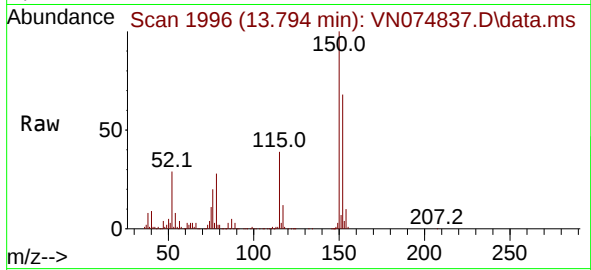
Tgt Ion: 117 Resp: 695116
Ion Ratio Lower Upper
117 100
82 59.3 45.4 68.2
119 34.7 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074837.D
 Acq: 10 Oct 2022 17:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148097ZHE#05



Tgt Ion:152 Resp: 339290

Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.0	90.0
150	152.0	0.0	356.4

