

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080421.D
 Acq On : 08 Dec 2023 21:07
 Operator : JC\MD
 Sample : 05671-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-35

Quant Time: Dec 08 22:47:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

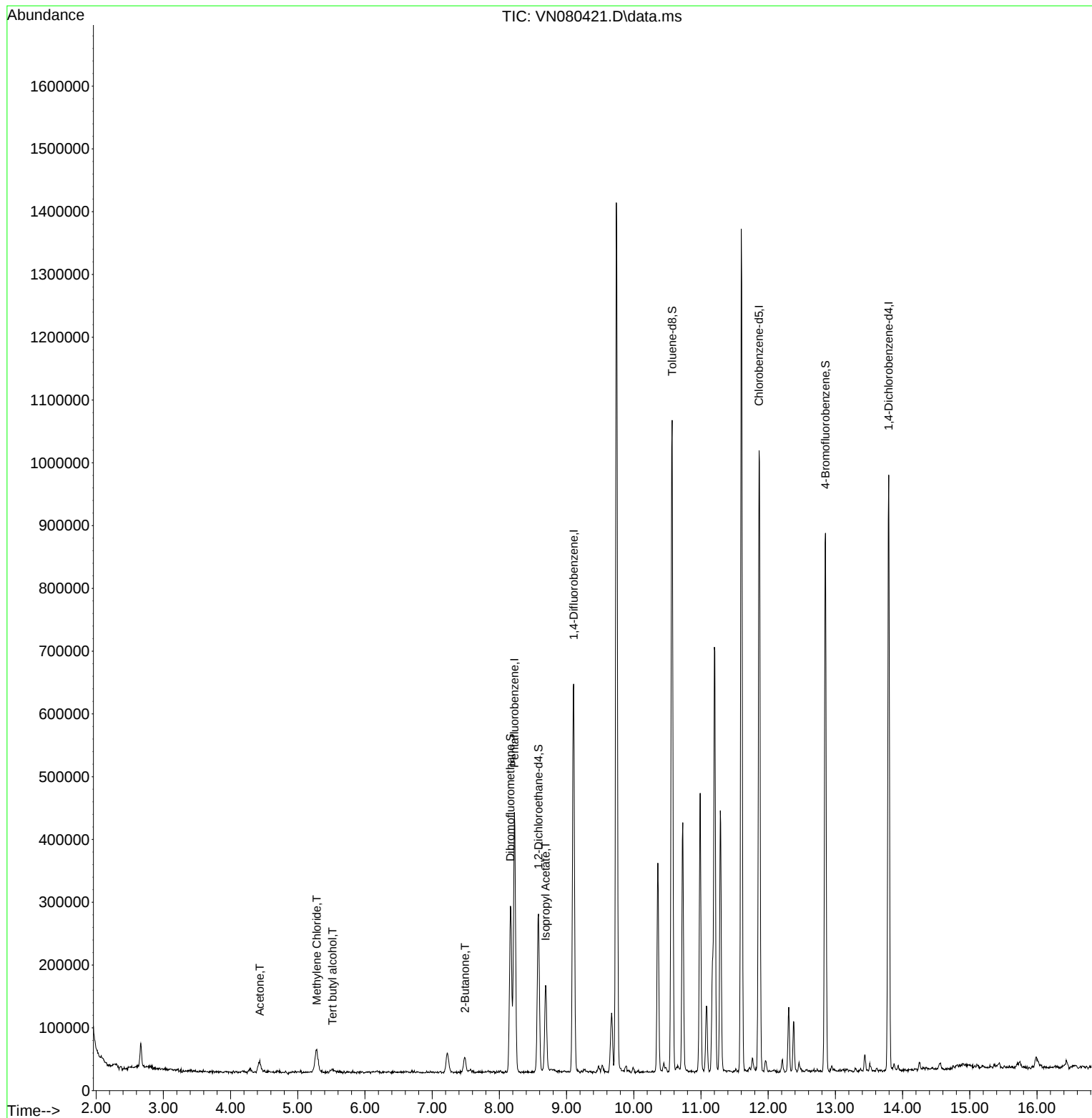
Internal Standards						
1) Pentafluorobenzene	8.224	168	289977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	542794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	585864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	219093	45.759	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.520%
35) Dibromofluoromethane	8.165	113	188460	47.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	10.571	98	746212	51.685	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.853	95	313525	57.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	9141	17.361	ug/l #	94
16) Acetone	4.436	43	34476	21.438	ug/l	98
20) Methylene Chloride	5.283	84	31646	9.397	ug/l	95
25) 2-Butanone	7.488	43	38274	20.031	ug/l #	81
43) Isopropyl Acetate	8.688	43	156986	20.057	ug/l #	88

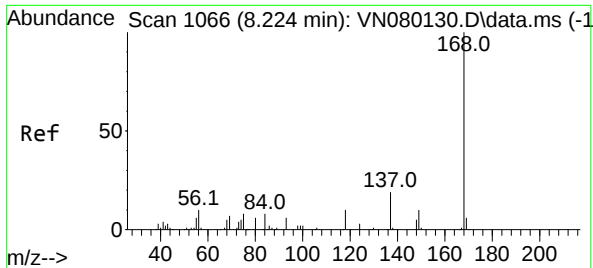
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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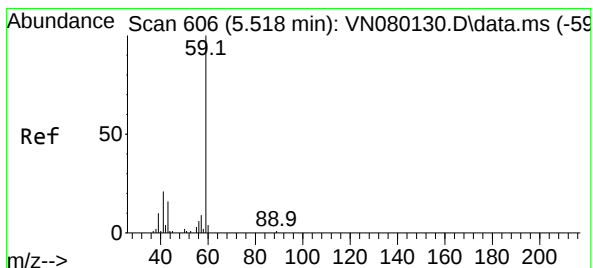
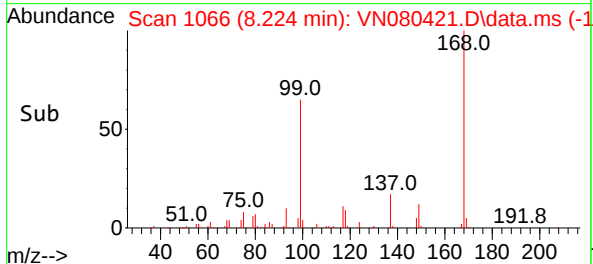
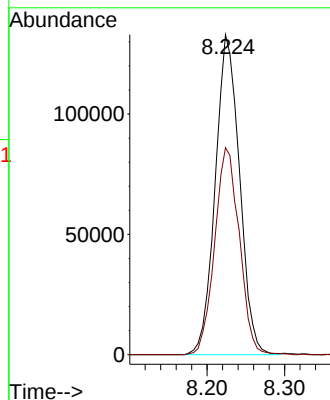
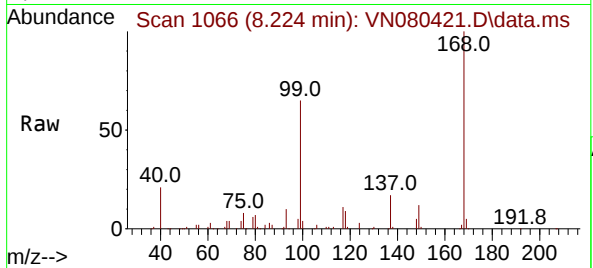




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080421.D
Acq: 08 Dec 2023 21:07

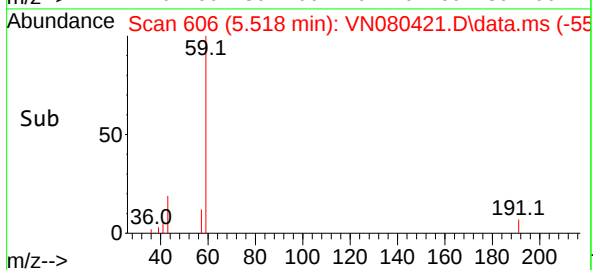
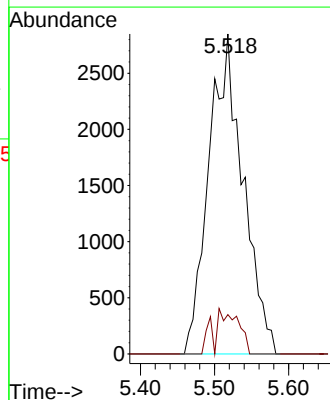
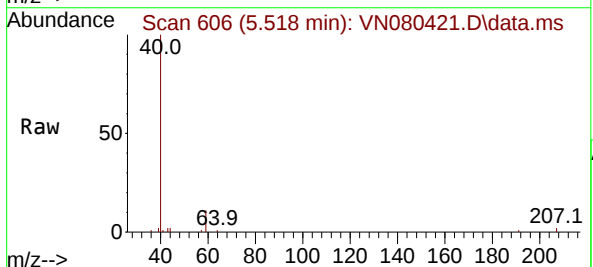
Instrument :
MSVOA_N
ClientSampleId :
TP-35

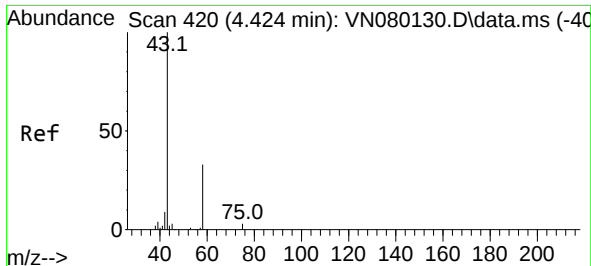
Tgt Ion:168 Resp: 289977
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#11
Tert butyl alcohol
Concen: 17.361 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080421.D
Acq: 08 Dec 2023 21:07

Tgt Ion: 59 Resp: 9141
Ion Ratio Lower Upper
59 100
57 8.1 8.2 12.4#





#16

Acetone

Concen: 21.438 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN080421.D

Acq: 08 Dec 2023 21:07

Instrument :

MSVOA_N

ClientSampleId :

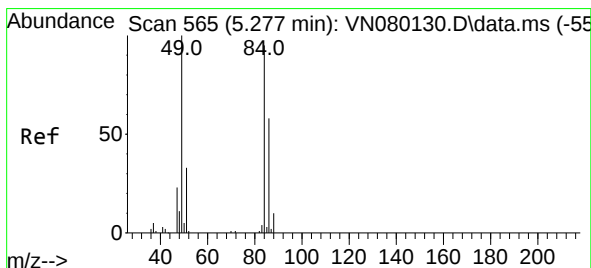
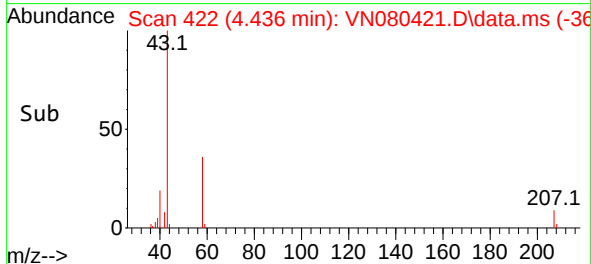
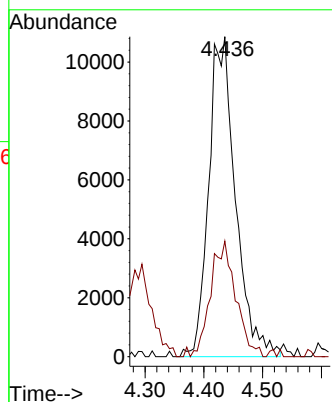
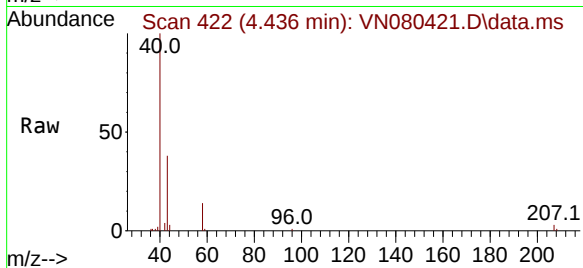
TP-35

Tgt Ion: 43 Resp: 34476

Ion Ratio Lower Upper

43 100

58 36.1 28.0 42.0



#20

Methylene Chloride

Concen: 9.397 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN080421.D

Acq: 08 Dec 2023 21:07

Tgt Ion: 84 Resp: 31646

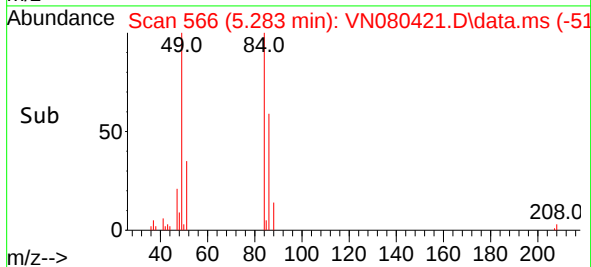
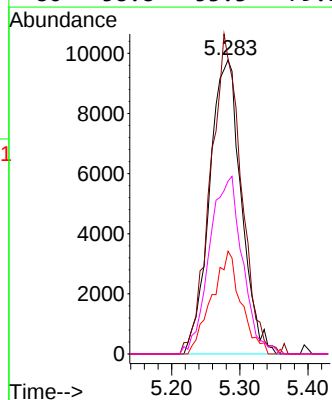
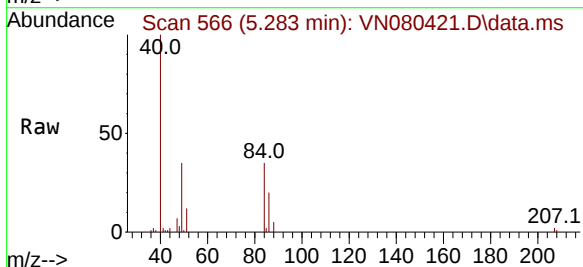
Ion Ratio Lower Upper

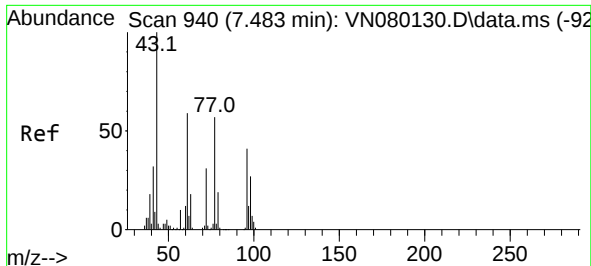
84 100

49 100.4 79.7 119.5

51 34.9 25.2 37.8

86 58.8 53.3 79.9

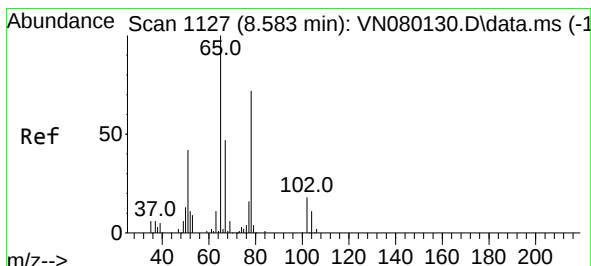
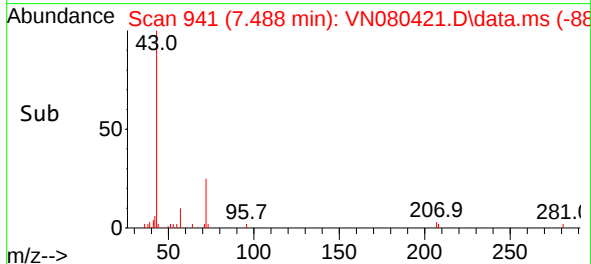
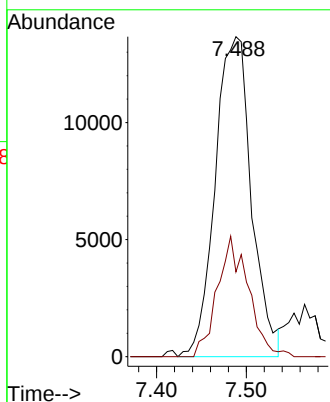
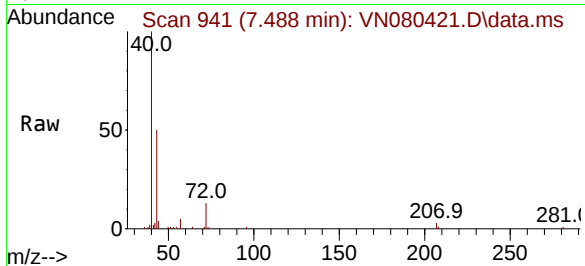




#25
2-Butanone
Concen: 20.031 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080421.D
Acq: 08 Dec 2023 21:07

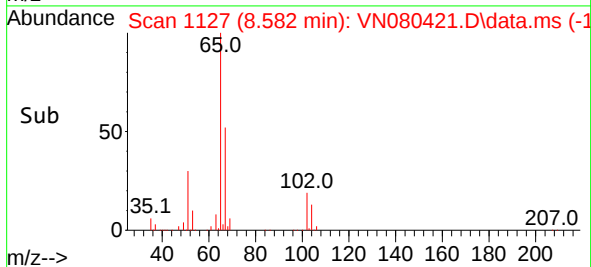
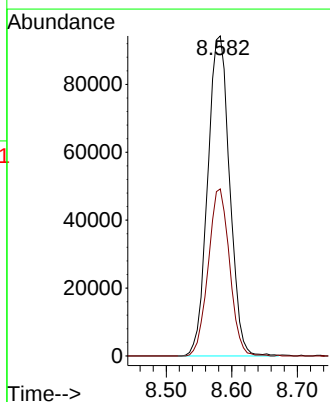
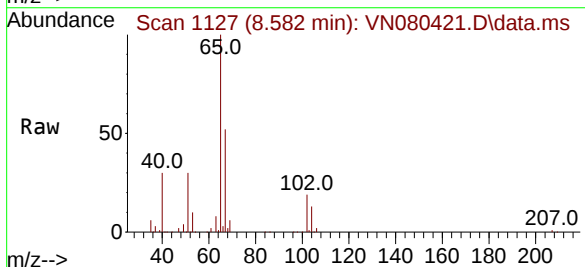
Instrument :
MSVOA_N
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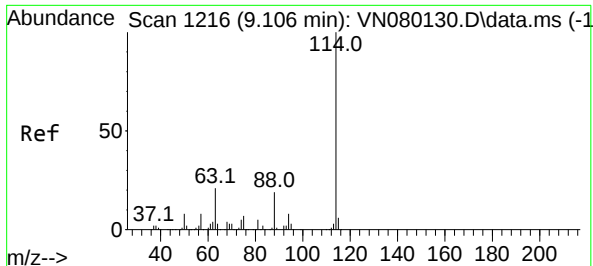
Tgt Ion: 43 Resp: 38274
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 45.759 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080421.D
Acq: 08 Dec 2023 21:07

Tgt Ion: 65 Resp: 219093
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.6

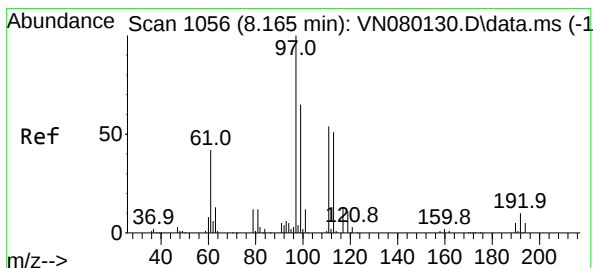
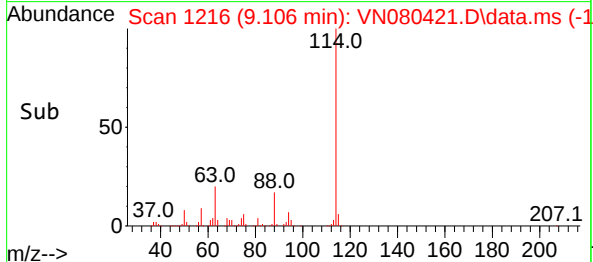
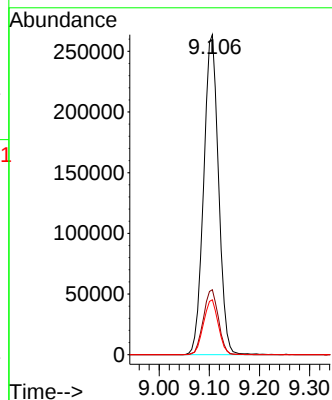
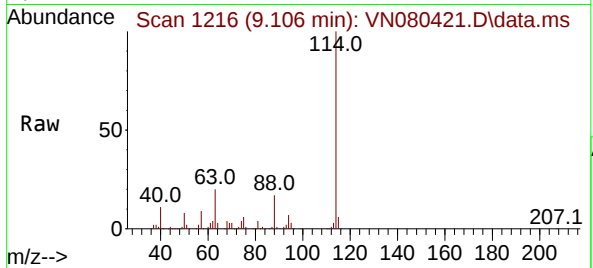




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080421.D
Acq: 08 Dec 2023 21:07

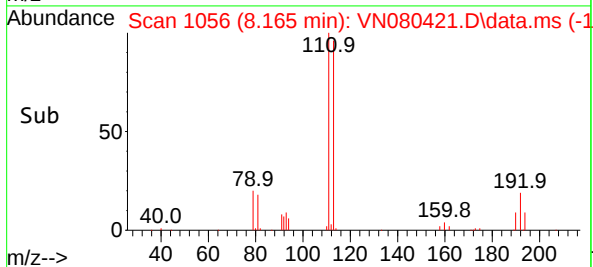
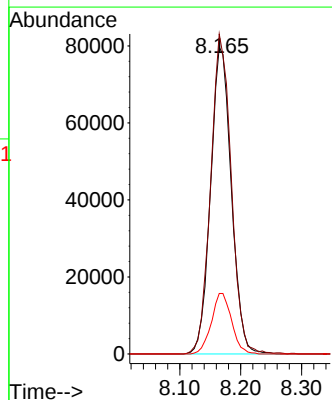
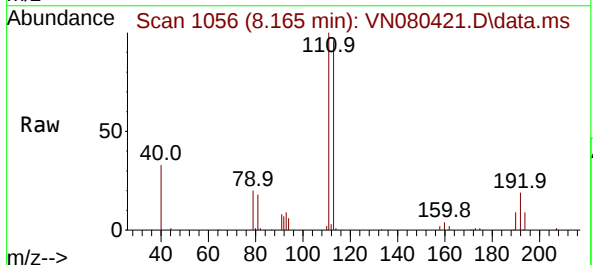
Instrument :
MSVOA_N
ClientSampleId :
TP-35

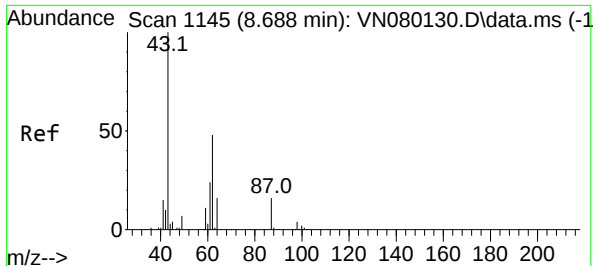
Tgt Ion:114 Resp: 542794
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 17.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.055 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080421.D
Acq: 08 Dec 2023 21:07

Tgt Ion:113 Resp: 188460
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.2 12.7 19.1#

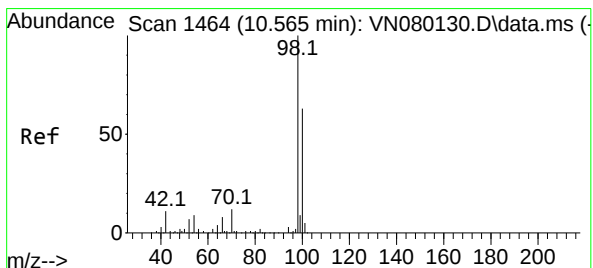
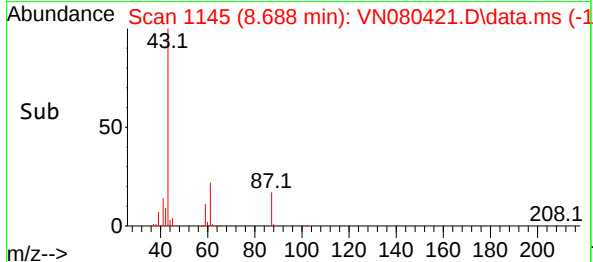
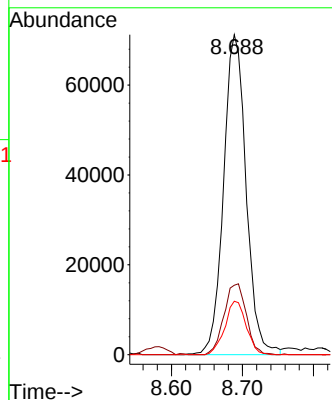
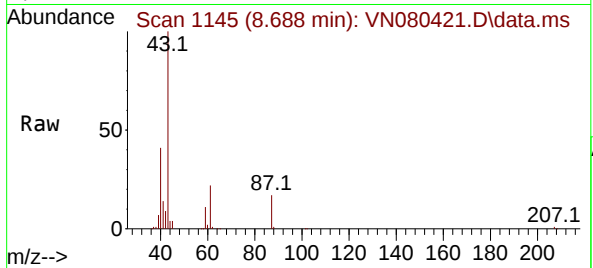




#43
Isopropyl Acetate
Concen: 20.057 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080421.D
Acq: 08 Dec 2023 21:07

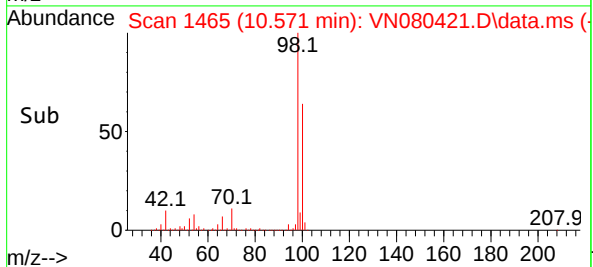
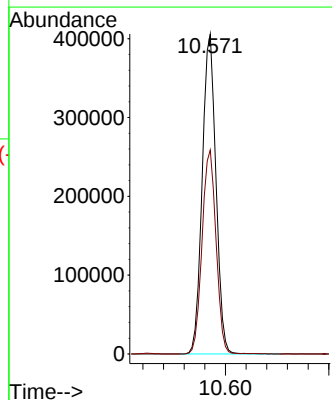
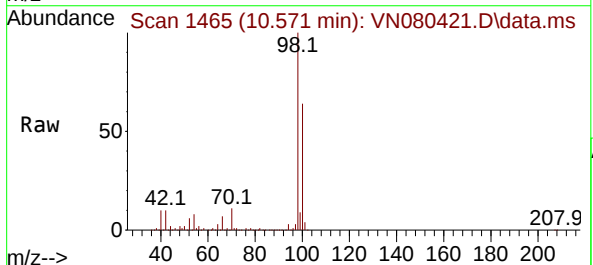
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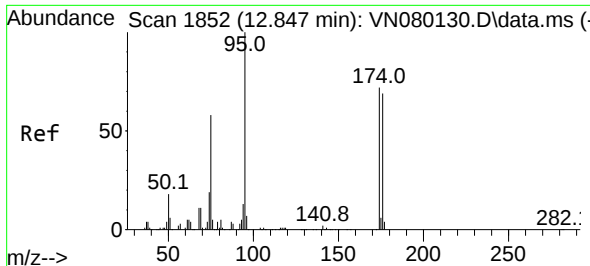
Tgt Ion: 43 Resp: 156986
Ion Ratio Lower Upper
43 100
61 21.9 24.7 37.1#
87 15.8 14.6 21.8



#50
Toluene-d8
Concen: 51.685 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080421.D
Acq: 08 Dec 2023 21:07

Tgt Ion: 98 Resp: 746212
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

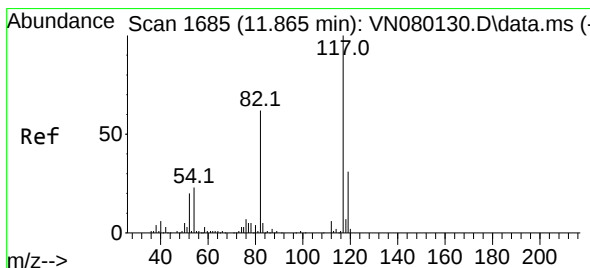
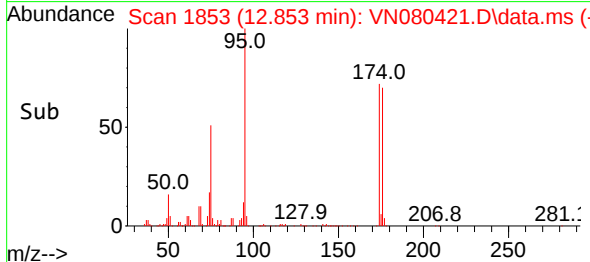
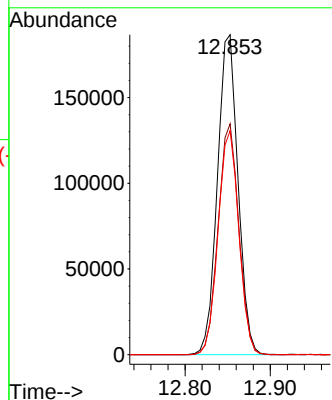
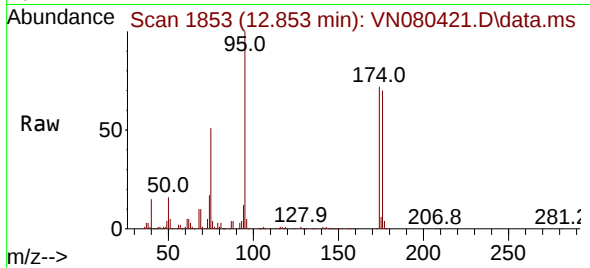




#62
4-Bromofluorobenzene
Concen: 57.492 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080421.D
Acq: 08 Dec 2023 21:07

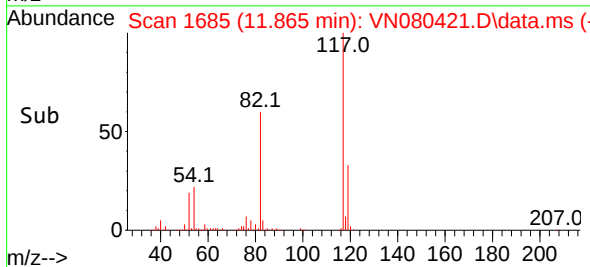
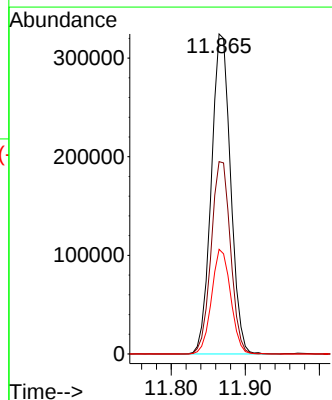
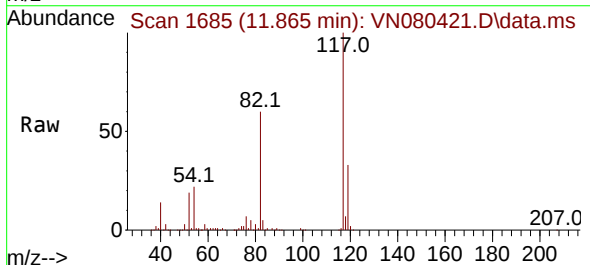
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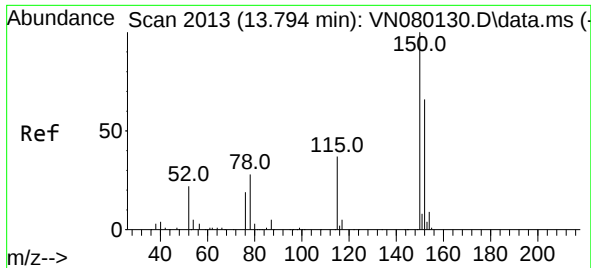
Tgt Ion: 95 Resp: 313525
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080421.D
Acq: 08 Dec 2023 21:07

Tgt Ion: 117 Resp: 585864
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 32.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN080421.D

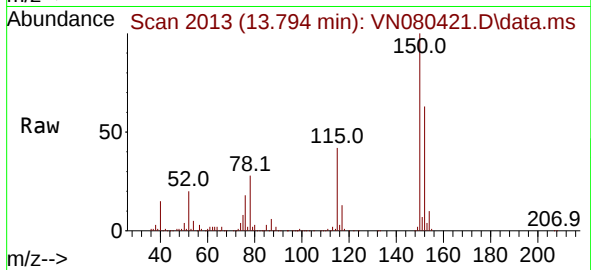
Acq: 08 Dec 2023 21:07

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:152 Resp: 257787

Ion Ratio Lower Upper

152 100

115 65.9 32.3 96.8

150 158.7 0.0 355.8

