

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080571.D
 Acq On : 21 Dec 2023 14:16
 Operator : JC\MD
 Sample : 05896-04DL 10X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1108DL

Quant Time: Dec 22 03:59:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

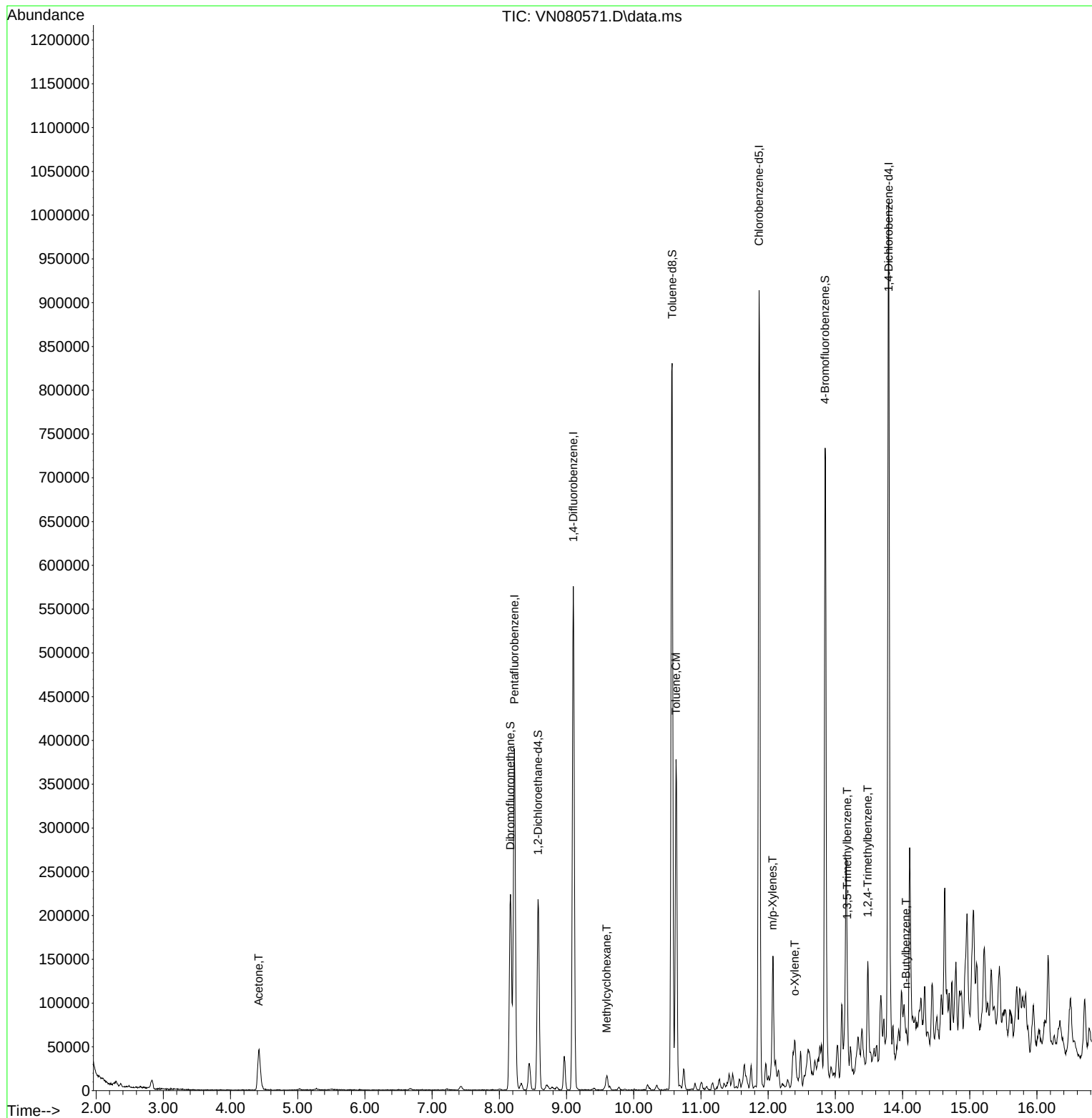
Internal Standards						
1) Pentafluorobenzene	8.224	168	262654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	499548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	545340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	184381	54.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.920%	
35) Dibromofluoromethane	8.165	113	162574	51.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.660%	
50) Toluene-d8	10.571	98	598057	50.629	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.847	95	264484	58.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	84785	142.538	ug/l	94
39) Methylcyclohexane	9.594	83	6685	1.243	ug/l	95
52) Toluene	10.630	92	170090	18.004	ug/l	99
68) m/p-Xylenes	12.065	106	17353	2.105	ug/l	89
69) o-Xylene	12.394	106	10190	1.264	ug/l	78
80) 1,3,5-Trimethylbenzene	13.176	105	21471	1.206	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	71712	4.048	ug/l	97
89) n-Butylbenzene	14.053	91	15393	1.094	ug/l #	81

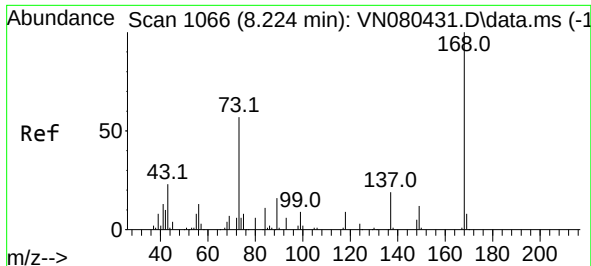
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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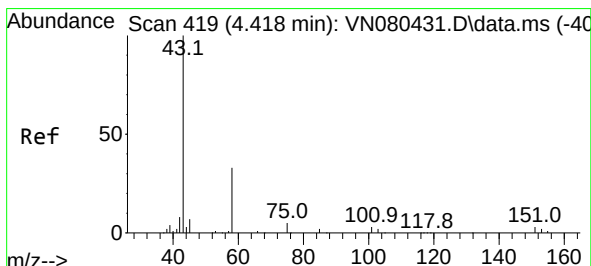
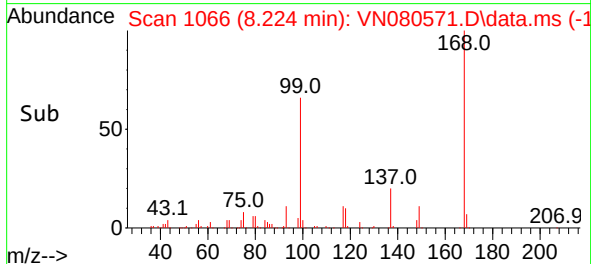
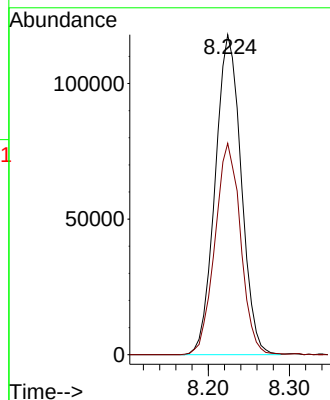
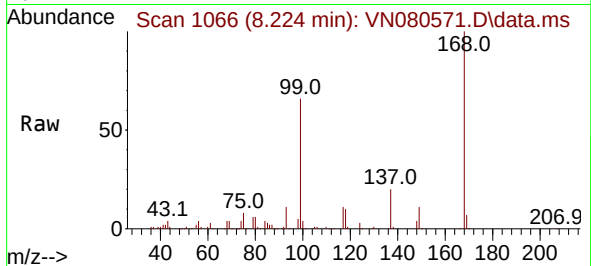




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080571.D
Acq: 21 Dec 2023 14:16

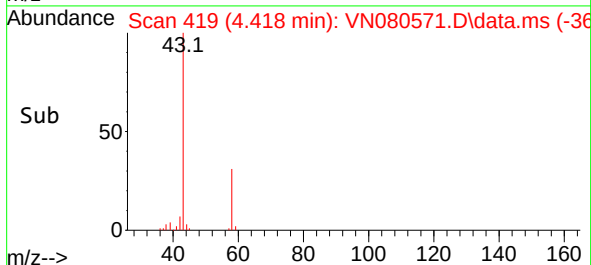
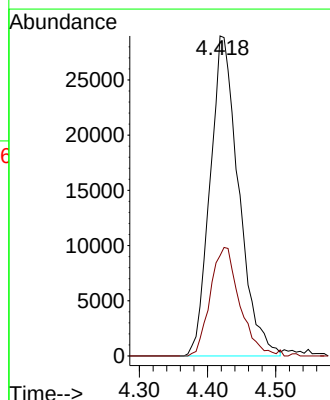
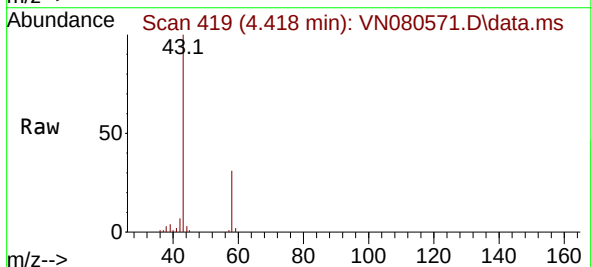
Instrument :
MSVOA_N
ClientSampleId :
1108DL

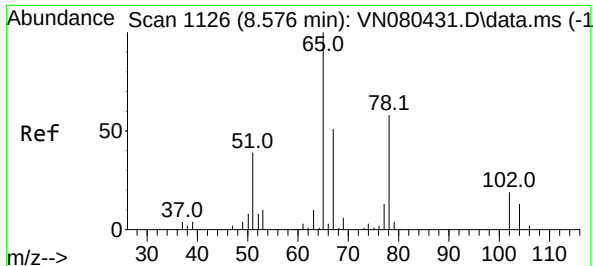
Tgt Ion:168 Resp: 262654
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#16
Acetone
Concen: 142.538 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080571.D
Acq: 21 Dec 2023 14:16

Tgt Ion: 43 Resp: 84785
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 54.962 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080571.D

Acq: 21 Dec 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

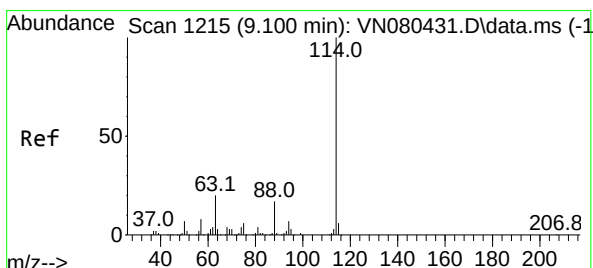
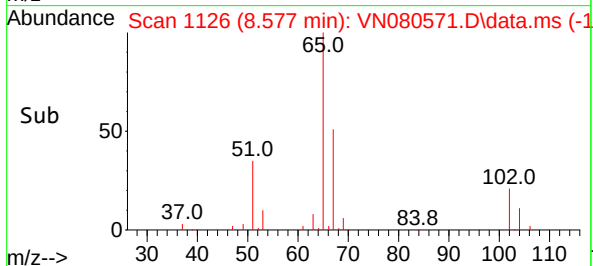
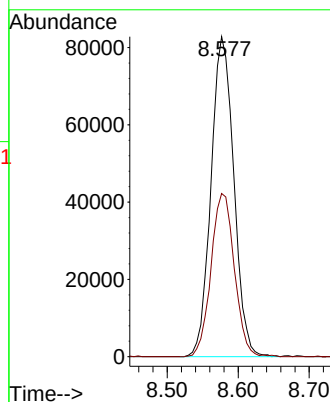
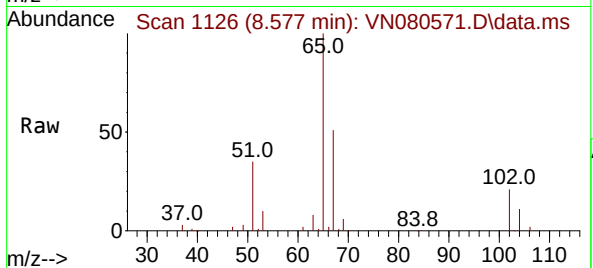
1108DL

Tgt Ion: 65 Resp: 184381

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080571.D

Acq: 21 Dec 2023 14:16

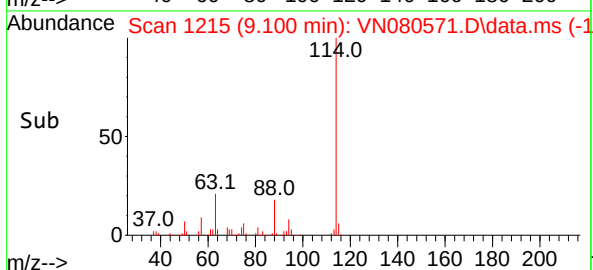
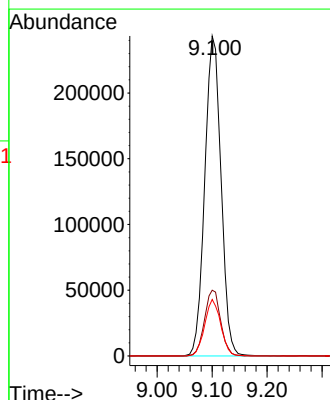
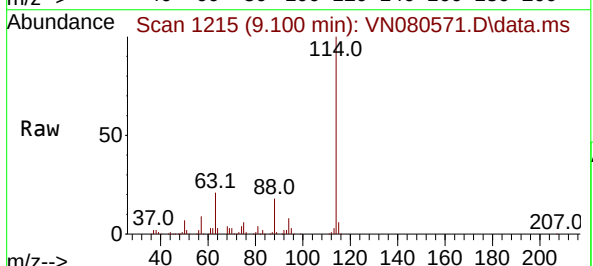
Tgt Ion: 114 Resp: 499548

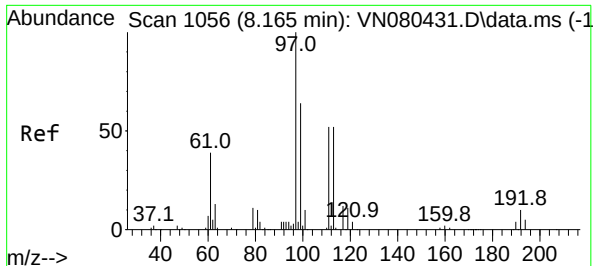
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 17.6 0.0 30.6

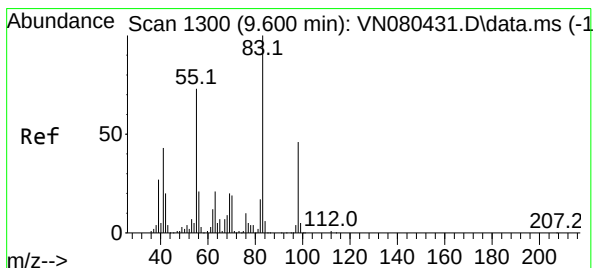
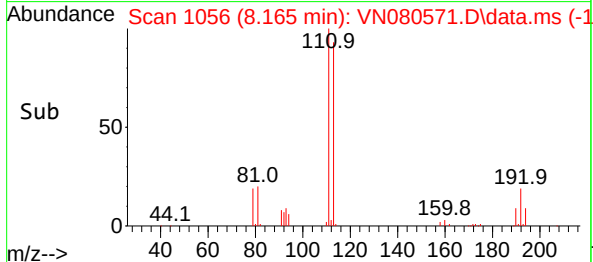
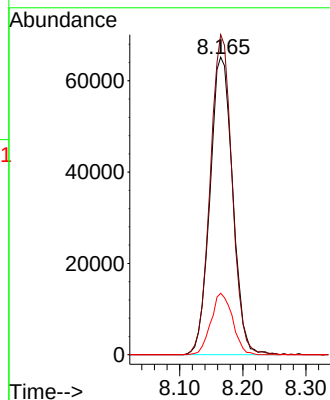
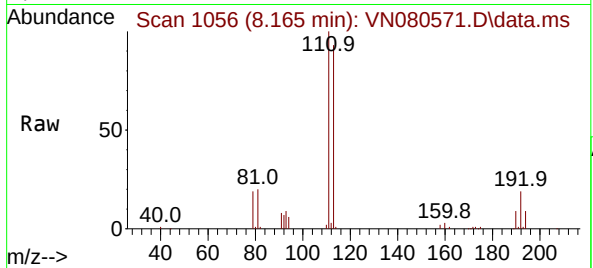




#35
Dibromofluoromethane
Concen: 51.328 ug/l
RT: 8.165 min Scan# 1108DL
Delta R.T. 0.000 min
Lab File: VN080571.D
Acq: 21 Dec 2023 14:16

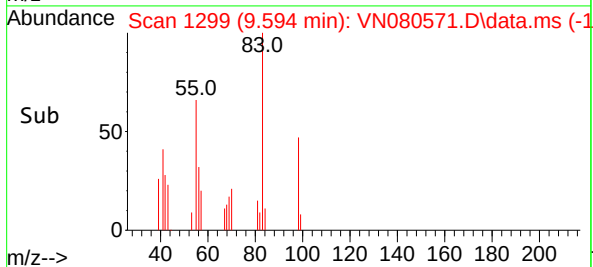
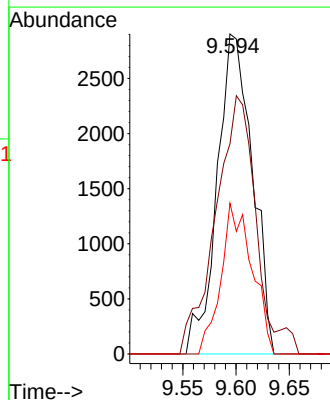
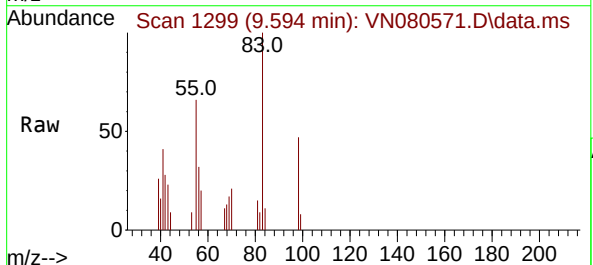
Instrument :
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1108DL

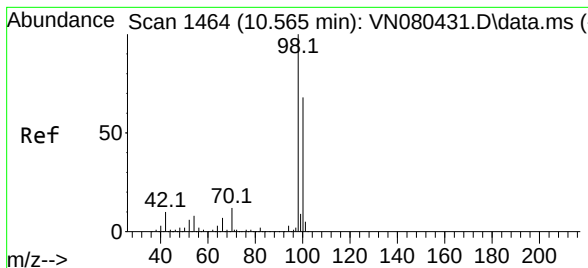
Tgt Ion:113 Resp: 162574
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 19.7 12.7 19.1#



#39
Methylcyclohexane
Concen: 1.243 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN080571.D
Acq: 21 Dec 2023 14:16

Tgt Ion: 83 Resp: 6685
Ion Ratio Lower Upper
83 100
55 65.7 49.1 73.7
98 47.1 40.6 61.0





#50

Toluene-d8

Concen: 50.629 ug/l

RT: 10.571 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN080571.D

Acq: 21 Dec 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

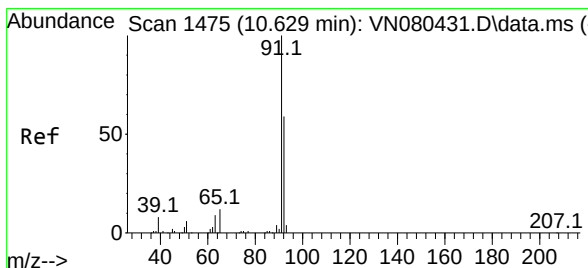
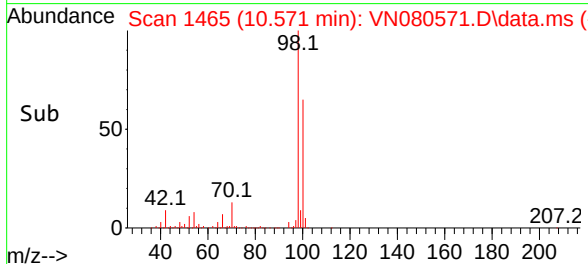
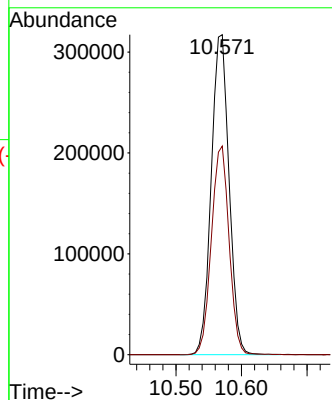
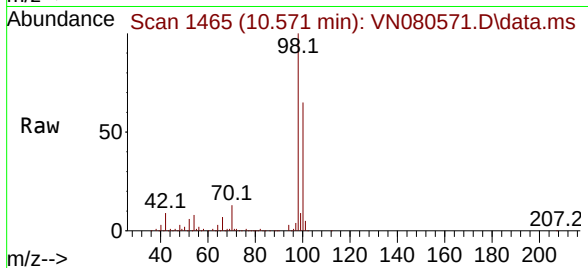
1108DL

Tgt Ion: 98 Resp: 598057

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#52

Toluene

Concen: 18.004 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080571.D

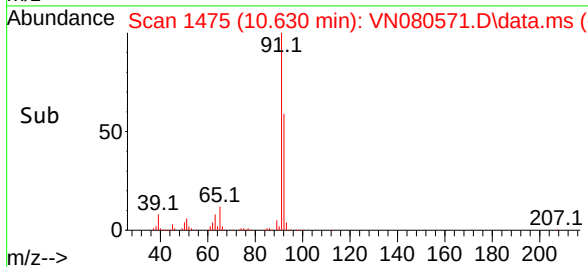
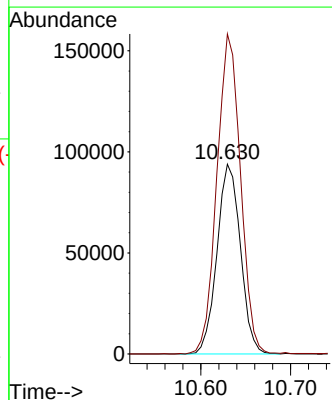
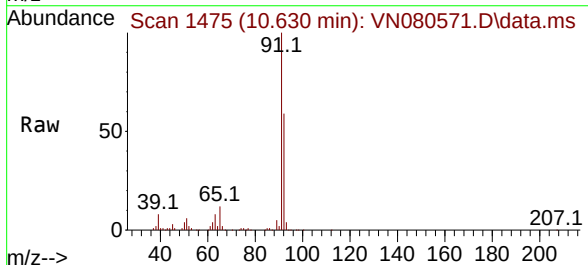
Acq: 21 Dec 2023 14:16

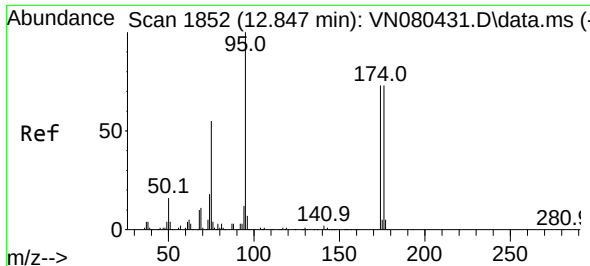
Tgt Ion: 92 Resp: 170090

Ion Ratio Lower Upper

92 100

91 170.4 137.4 206.0

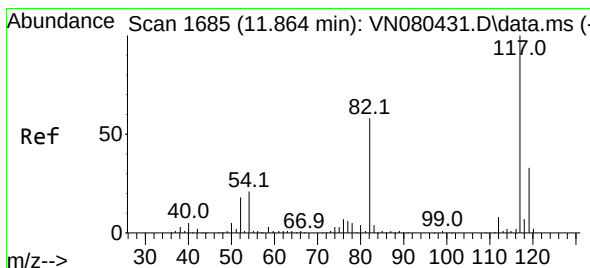
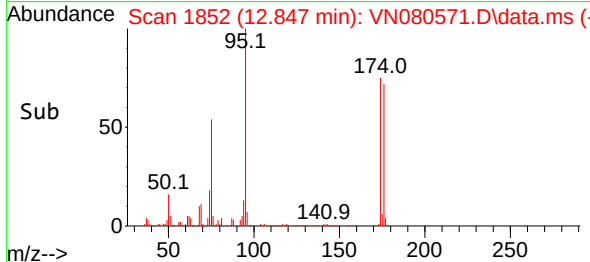
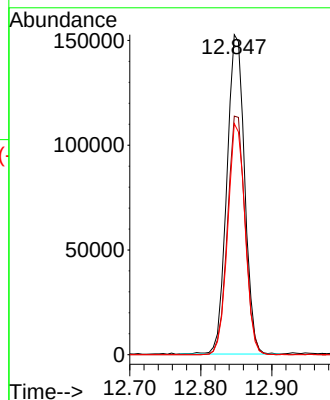
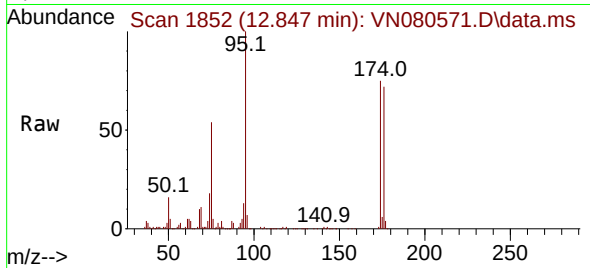




#62
4-Bromofluorobenzene
Concen: 58.964 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080571.D
Acq: 21 Dec 2023 14:16

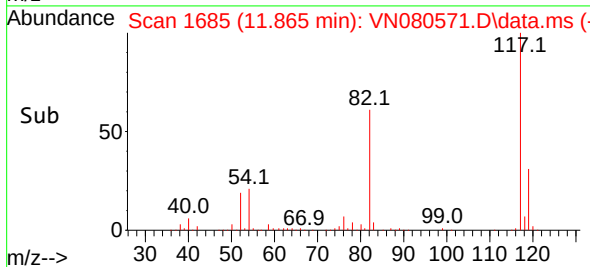
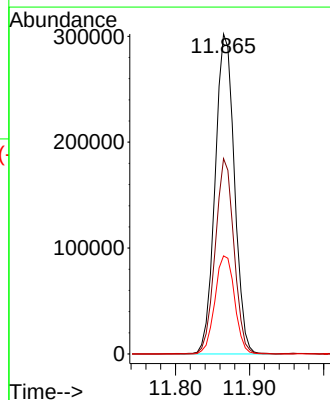
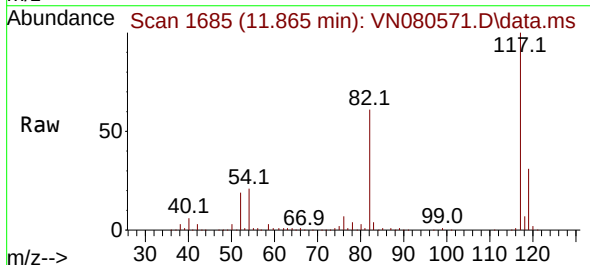
Instrument :
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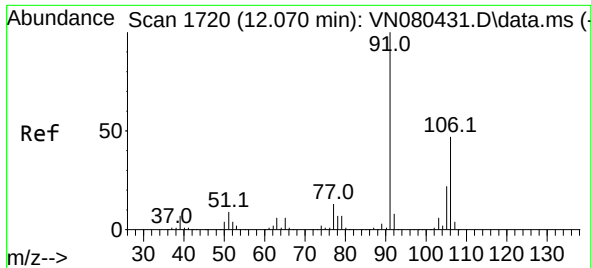
Tgt Ion: 95 Resp: 264484
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 70.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080571.D
Acq: 21 Dec 2023 14:16

Tgt Ion: 117 Resp: 545340
Ion Ratio Lower Upper
117 100
82 60.9 44.0 66.0
119 30.7 25.6 38.4

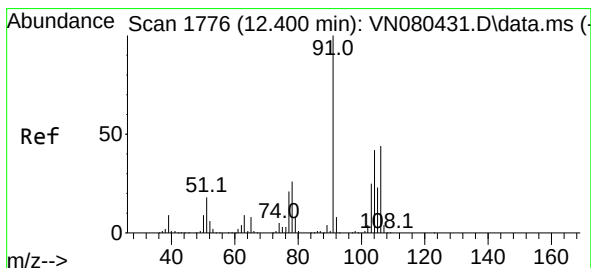
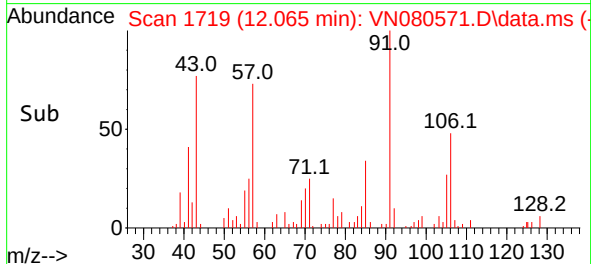
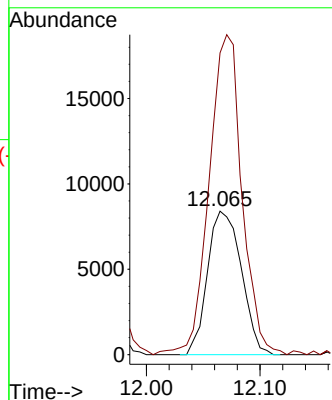
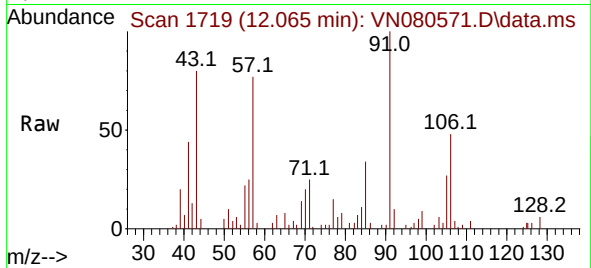




#68
m/p-Xylenes
Concen: 2.105 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080571.D
Acq: 21 Dec 2023 14:16

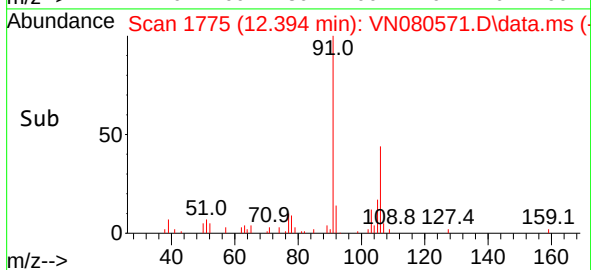
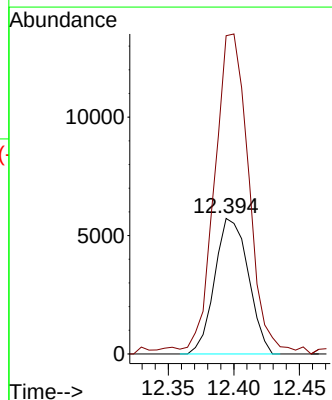
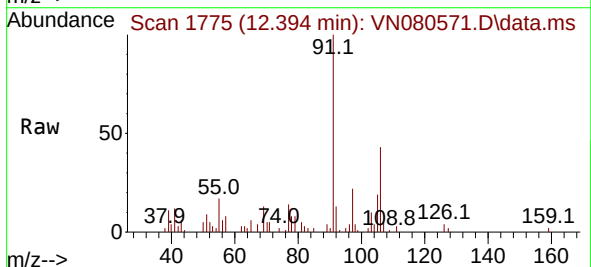
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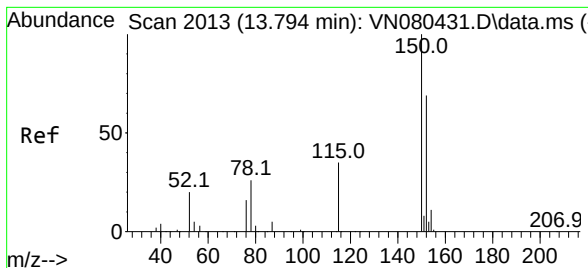
Tgt Ion:106 Resp: 17353
Ion Ratio Lower Upper
106 100
91 216.9 159.6 239.4



#69
o-Xylene
Concen: 1.264 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN080571.D
Acq: 21 Dec 2023 14:16

Tgt Ion:106 Resp: 10190
Ion Ratio Lower Upper
106 100
91 244.9 105.2 315.5

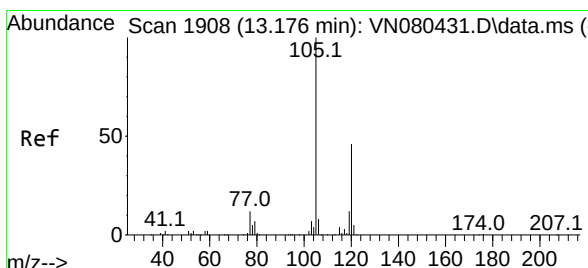
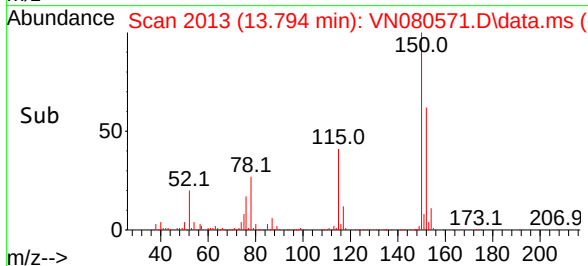
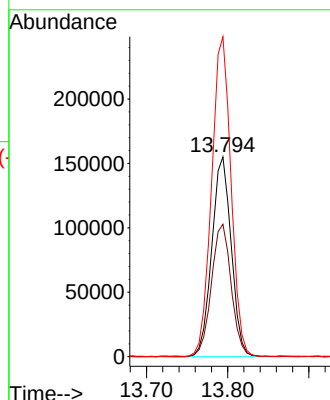
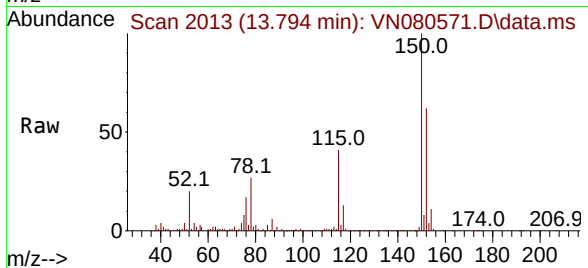




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080571.D
 Acq: 21 Dec 2023 14:16

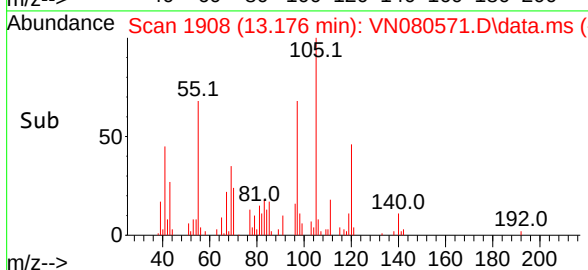
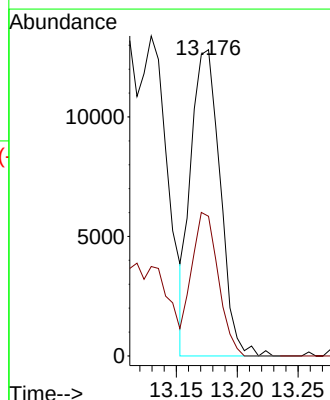
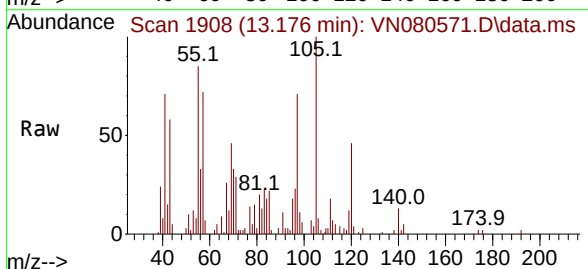
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 ClientSampleId :
 1108DL

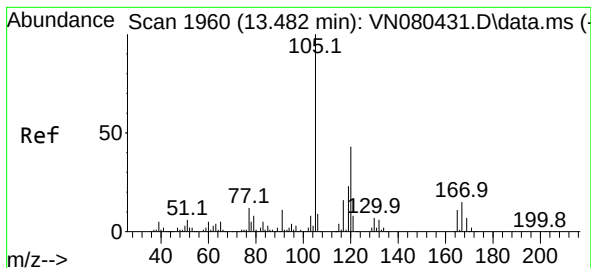
Tgt Ion:152 Resp: 257387
 Ion Ratio Lower Upper
 152 100
 115 67.5 32.3 96.8
 150 159.9 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.206 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN080571.D
 Acq: 21 Dec 2023 14:16

Tgt Ion:105 Resp: 21471
 Ion Ratio Lower Upper
 105 100
 120 42.9 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 4.048 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080571.D

Acq: 21 Dec 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

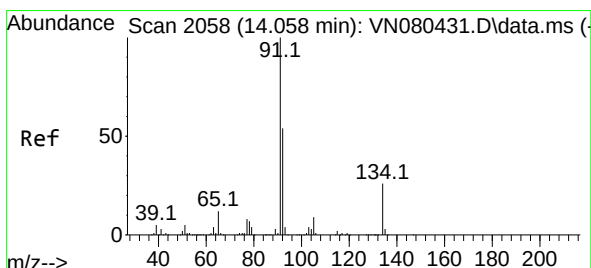
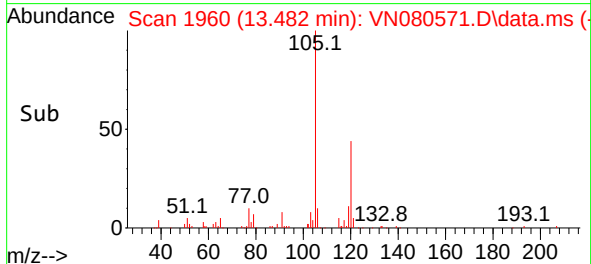
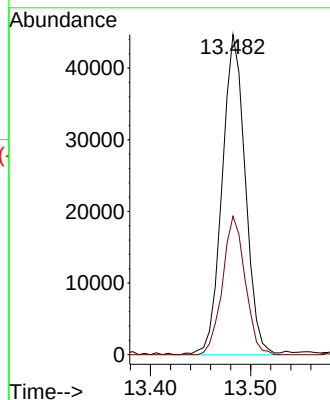
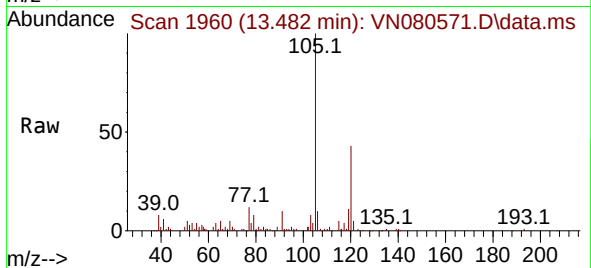
1108DL

Tgt Ion:105 Resp: 71712

Ion Ratio Lower Upper

105 100

120 42.1 22.0 66.0



#89

n-Butylbenzene

Concen: 1.094 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN080571.D

Acq: 21 Dec 2023 14:16

Tgt Ion: 91 Resp: 15393

Ion Ratio Lower Upper

91 100

92 55.6 26.4 79.0

134 0.0 12.6 37.6#

