

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081470.D
 Acq On : 19 Mar 2024 14:58
 Operator : JC\MD
 Sample : P1772-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1349

Quant Time: Mar 20 01:18:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

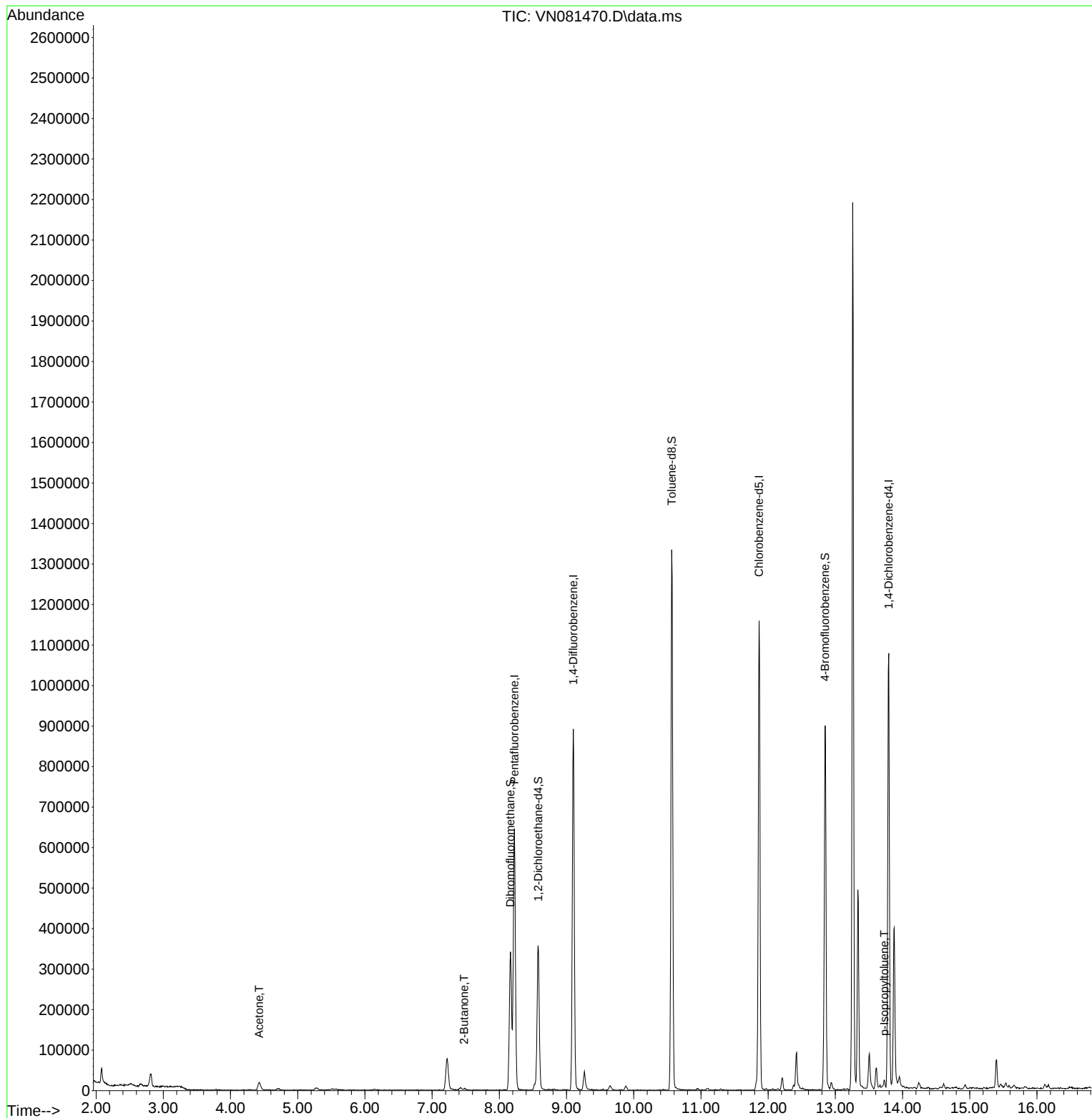
Internal Standards						
1) Pentafluorobenzene	8.224	168	462091	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.101	114	789510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	689149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	294907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	288276	48.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.840%
35) Dibromofluoromethane	8.165	113	242163	48.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.565	98	921735	51.175	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.340%
62) 4-Bromofluorobenzene	12.847	95	298682	47.062	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.120%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	35959	18.882	ug/l	98
25) 2-Butanone	7.477	43	5472	1.675	ug/l	93
86) p-Isopropyltoluene	13.730	119	11288	0.540	ug/l	94

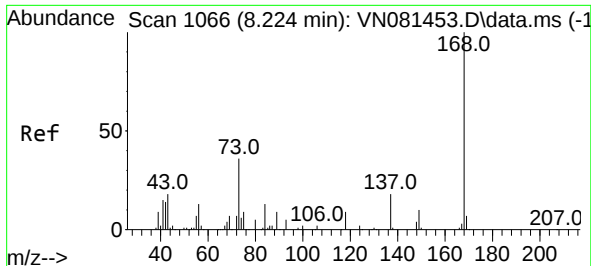
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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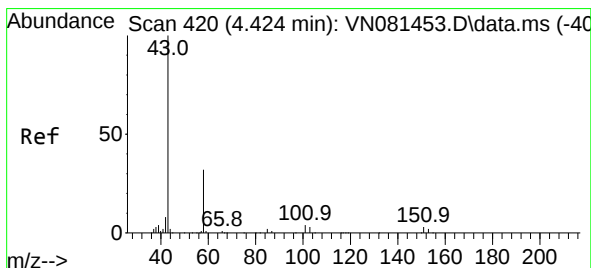
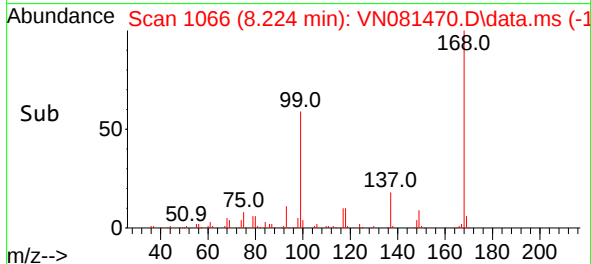
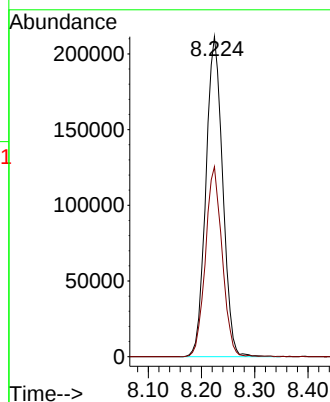
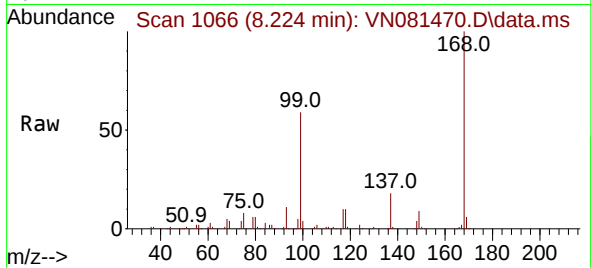




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN081470.D
Acq: 19 Mar 2024 14:58

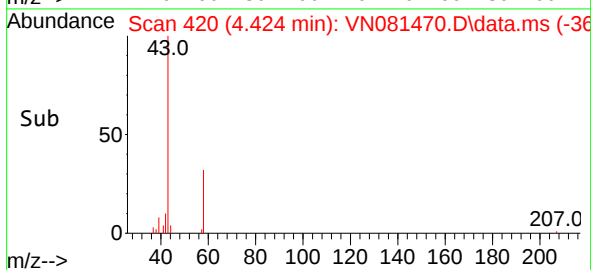
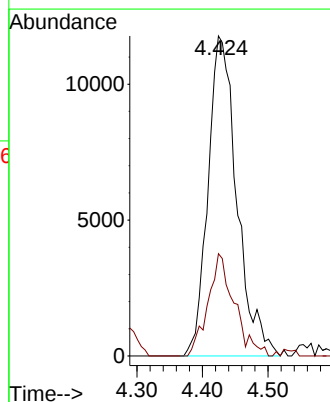
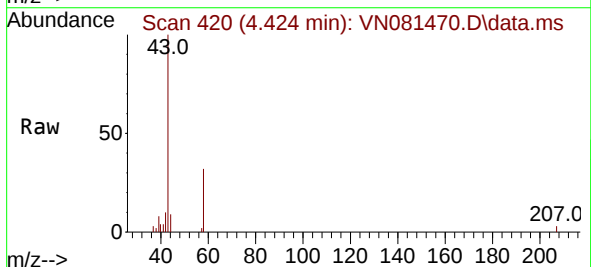
Instrument :
MSVOA_N
ClientSampleId :
1349

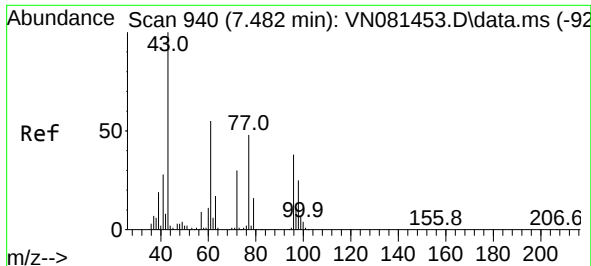
Tgt Ion:168 Resp: 462091
Ion Ratio Lower Upper
168 100
99 59.4 59.9 89.9#



#16
Acetone
Concen: 18.882 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081470.D
Acq: 19 Mar 2024 14:58

Tgt Ion: 43 Resp: 35959
Ion Ratio Lower Upper
43 100
58 32.0 24.8 37.2

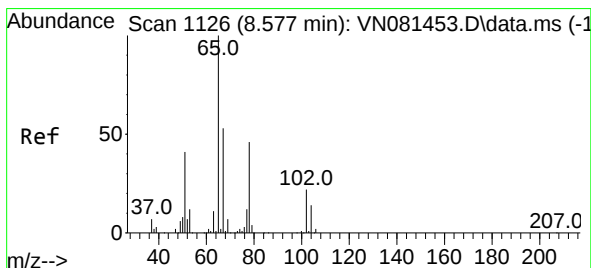
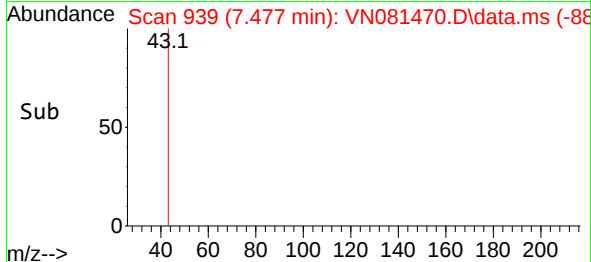
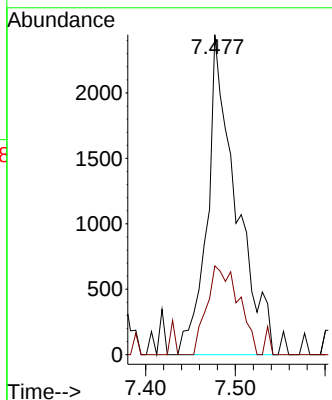
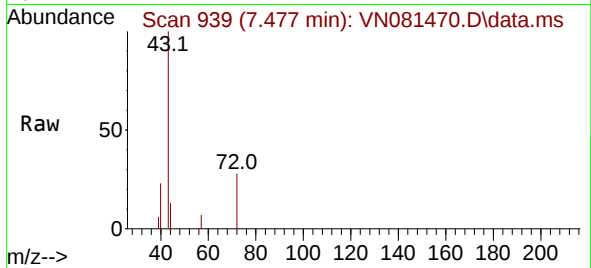




#25
2-Butanone
Concen: 1.675 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN081470.D
Acq: 19 Mar 2024 14:58

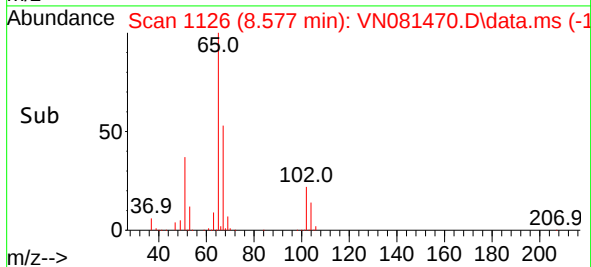
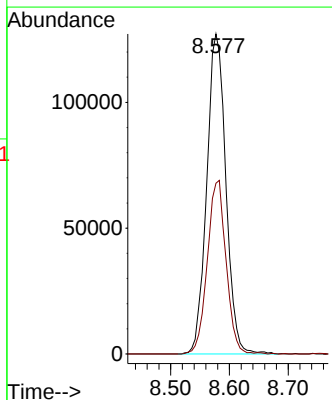
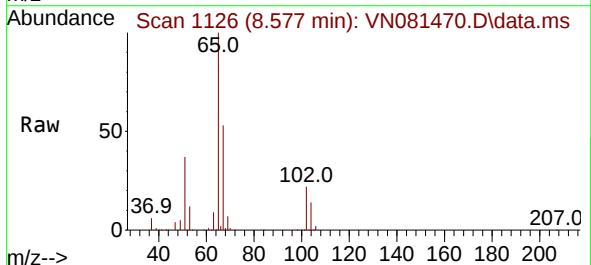
Instrument :
MSVOA_N
ClientSampleId :
1349

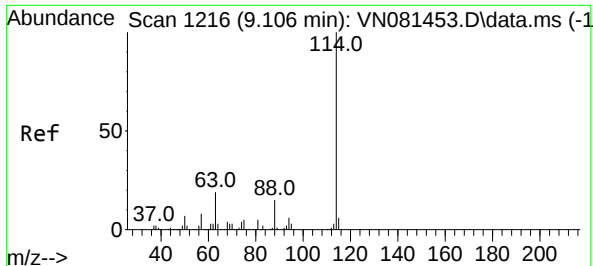
Tgt Ion: 43 Resp: 5472
Ion Ratio Lower Upper
43 100
72 27.8 19.5 29.3



#33
1,2-Dichloroethane-d4
Concen: 48.919 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081470.D
Acq: 19 Mar 2024 14:58

Tgt Ion: 65 Resp: 288276
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN081470.D

Acq: 19 Mar 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

1349

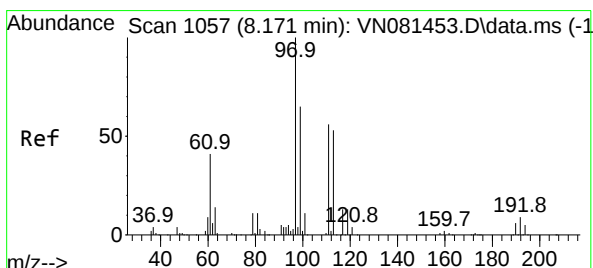
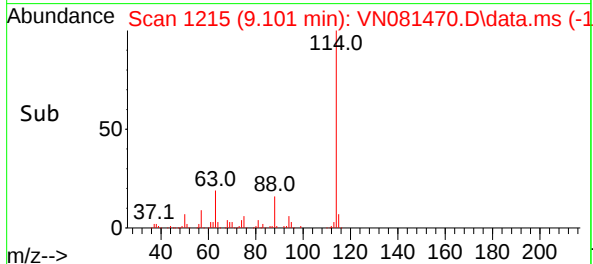
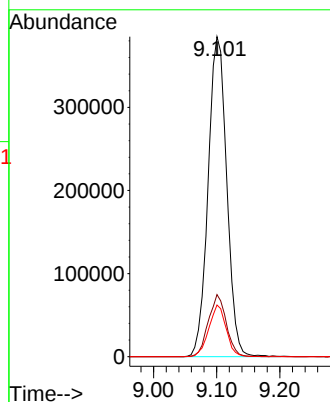
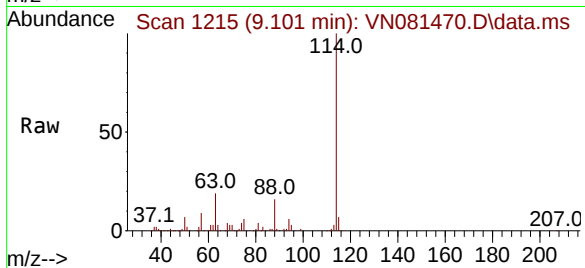
Tgt Ion:114 Resp: 789510

Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 16.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.602 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VN081470.D

Acq: 19 Mar 2024 14:58

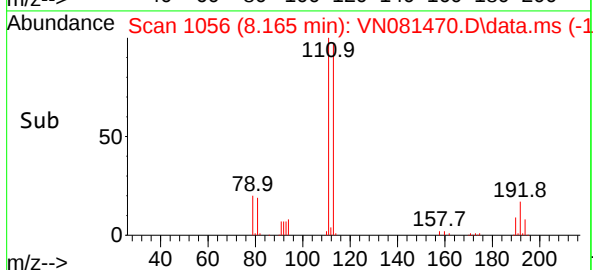
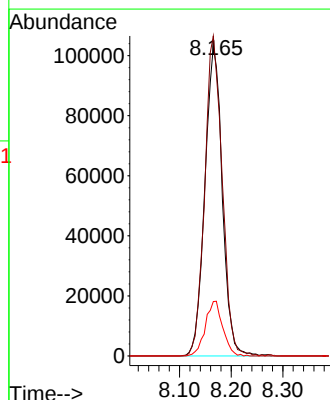
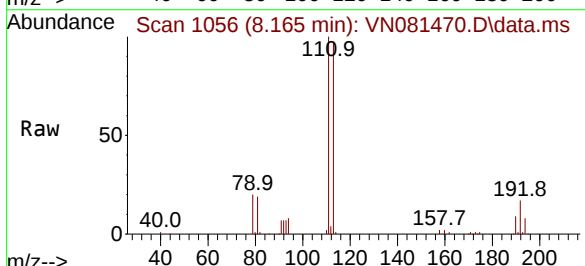
Tgt Ion:113 Resp: 242163

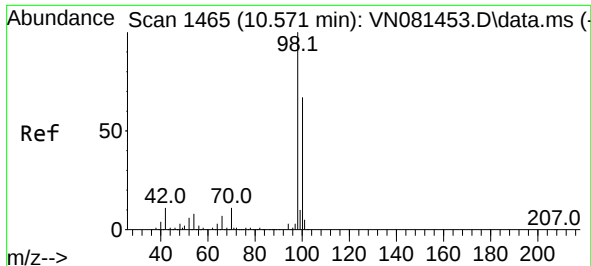
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 17.6 12.5 18.7

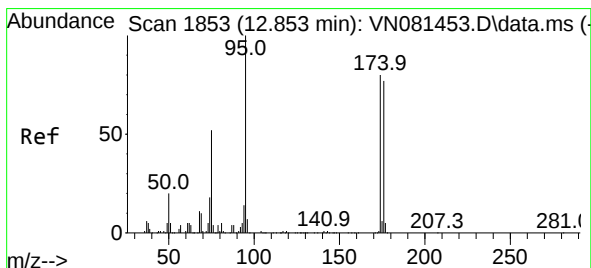
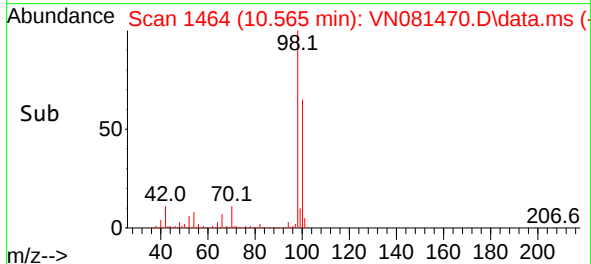
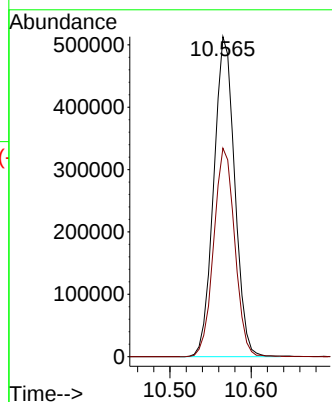
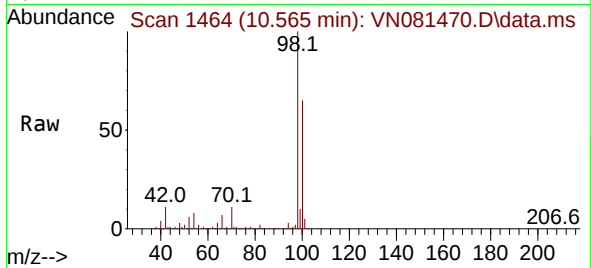




#50
Toluene-d8
Concen: 51.175 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN081470.D
Acq: 19 Mar 2024 14:58

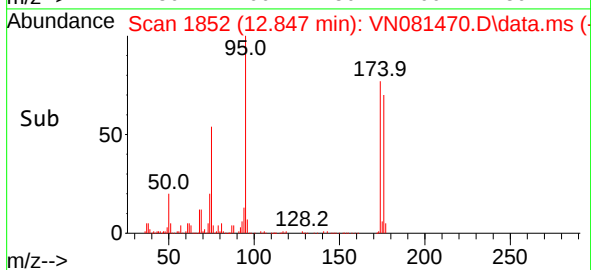
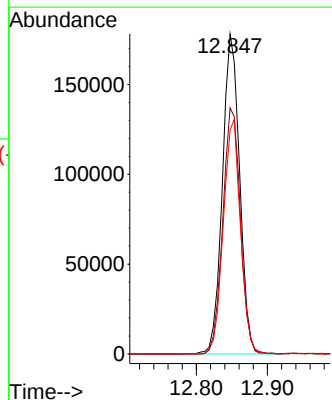
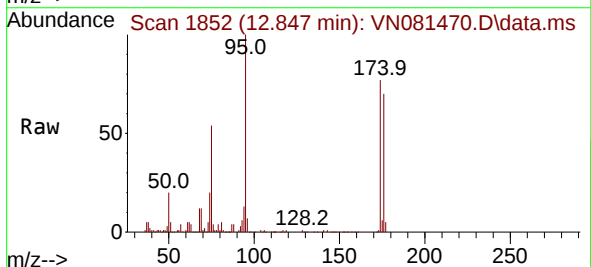
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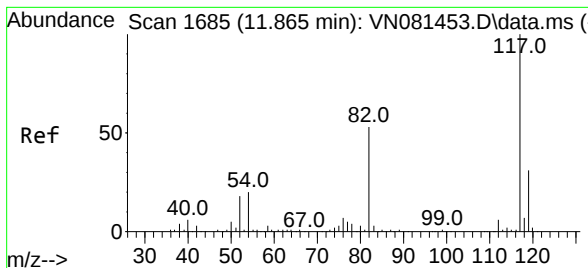
Tgt Ion: 98 Resp: 921735
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.062 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.005 min
Lab File: VN081470.D
Acq: 19 Mar 2024 14:58

Tgt Ion: 95 Resp: 298682
Ion Ratio Lower Upper
95 100
174 78.7 0.0 120.4
176 73.2 0.0 121.0

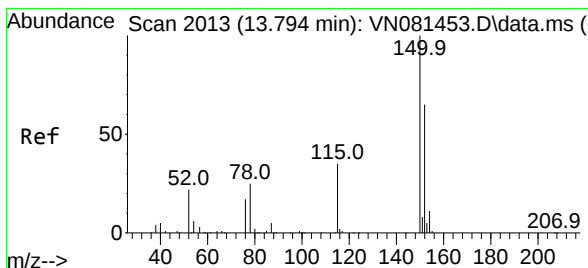
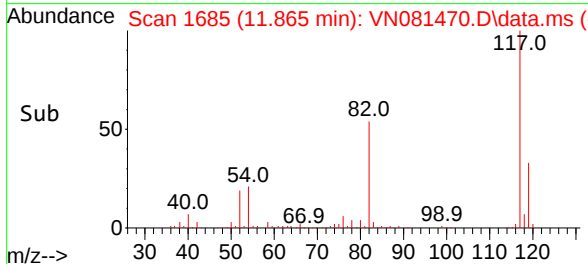
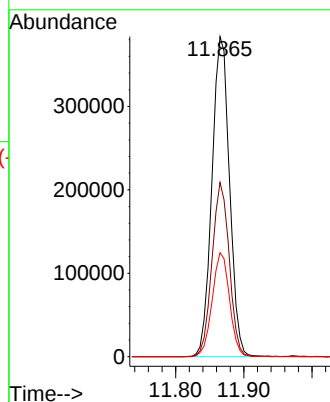
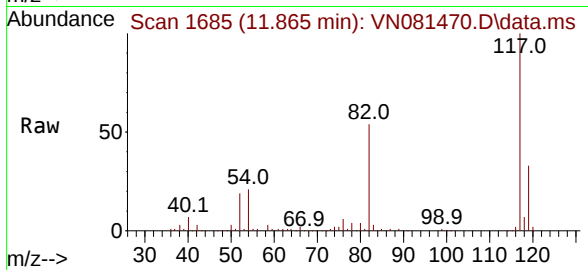




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081470.D
Acq: 19 Mar 2024 14:58

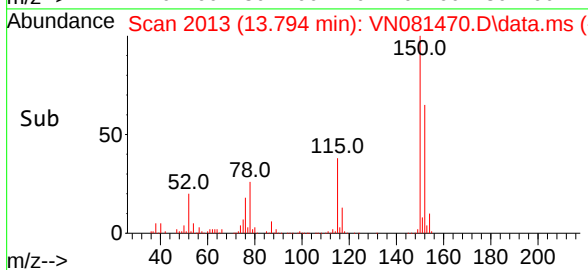
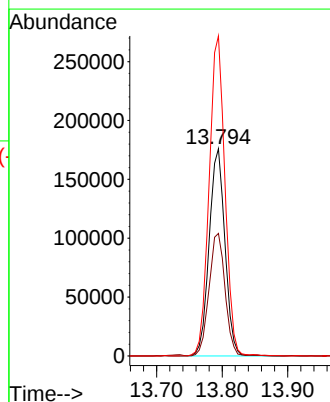
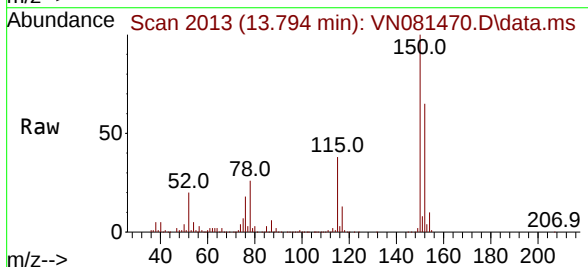
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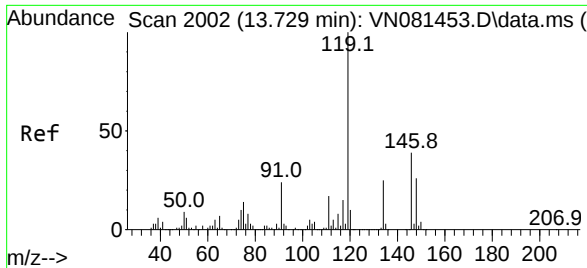
Tgt Ion:117 Resp: 689149
Ion Ratio Lower Upper
117 100
82 54.4 52.7 79.1
119 32.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081470.D
Acq: 19 Mar 2024 14:58

Tgt Ion:152 Resp: 294907
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 154.5 0.0 339.8





#86
 p-Isopropyltoluene
 Concen: 0.540 ug/l
 RT: 13.730 min Scan# 20
 Delta R.T. 0.001 min
 Lab File: VN081470.D
 Acq: 19 Mar 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 1349

Tgt Ion:	119	Resp:	11288
Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.4	37.2
91	32.4	13.5	40.4

