

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082371.D
 Acq On : 29 May 2024 15:28
 Operator : JC\MD
 Sample : P2609-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 522

Quant Time: May 30 05:44:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

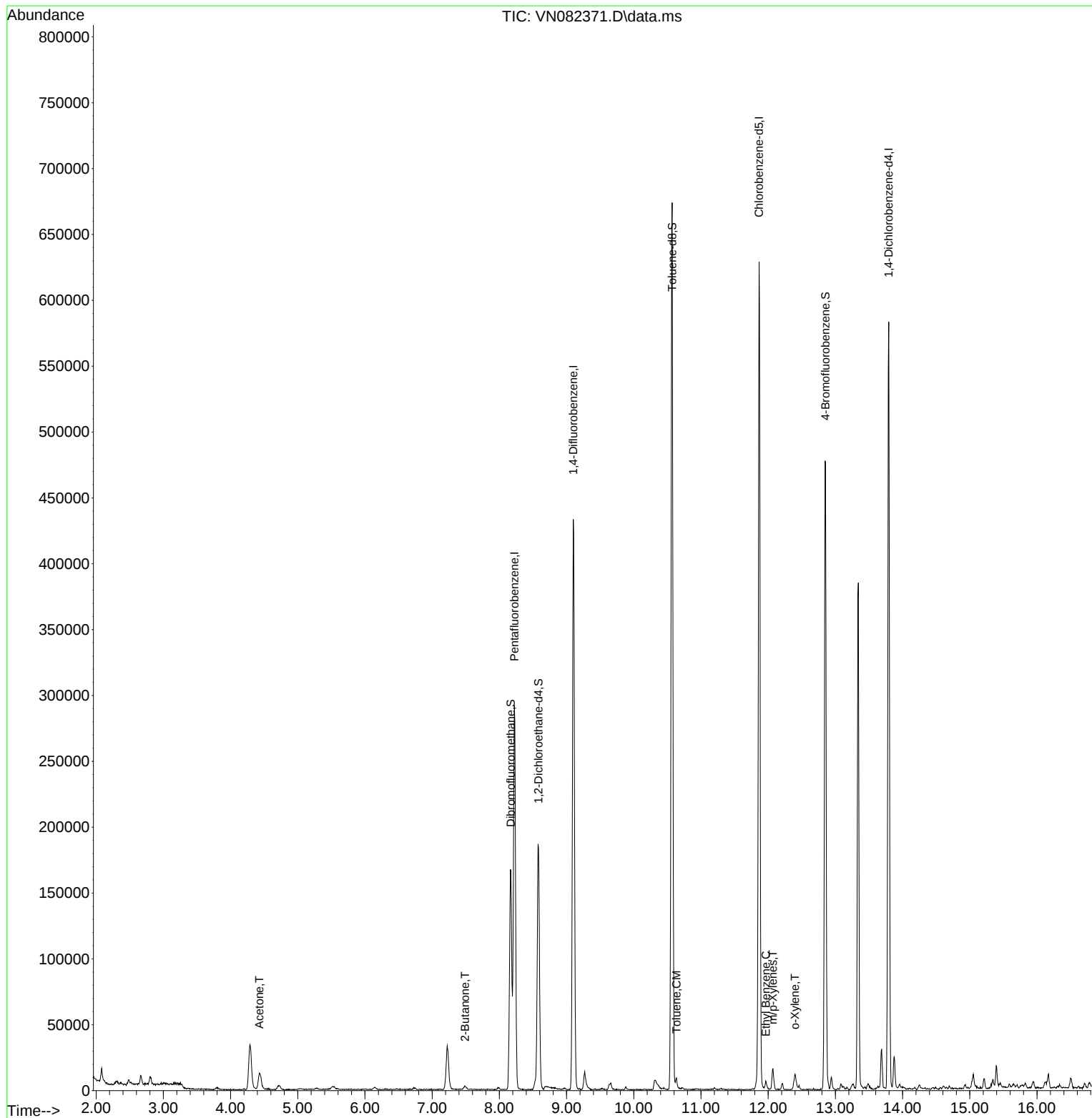
Internal Standards						
1) Pentafluorobenzene	8.224	168	202694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	349358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	156504	48.898	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.800%
35) Dibromofluoromethane	8.171	113	113462	52.795	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.600%
50) Toluene-d8	10.571	98	443657	53.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.700%
62) 4-Bromofluorobenzene	12.853	95	155890	53.008	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.020%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	24802	18.890	ug/l	92
25) 2-Butanone	7.488	43	5014	2.519	ug/l #	82
52) Toluene	10.635	92	2910	0.451	ug/l	94
67) Ethyl Benzene	11.965	91	3443	0.267	ug/l	90
68) m/p-Xylenes	12.070	106	4752	1.005	ug/l	90
69) o-Xylene	12.400	106	2843	0.620	ug/l	98

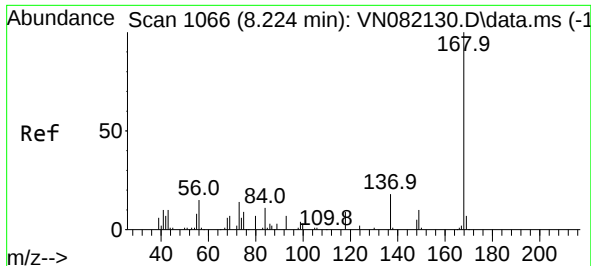
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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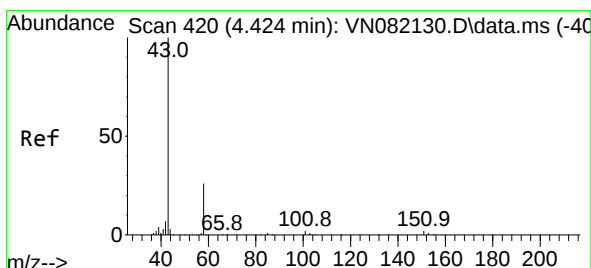
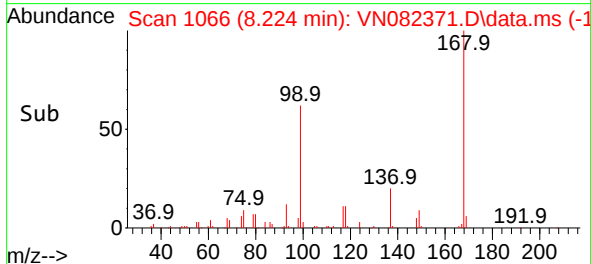
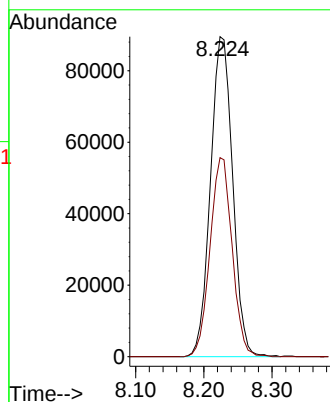
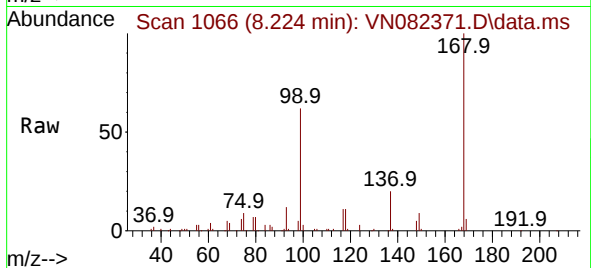




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

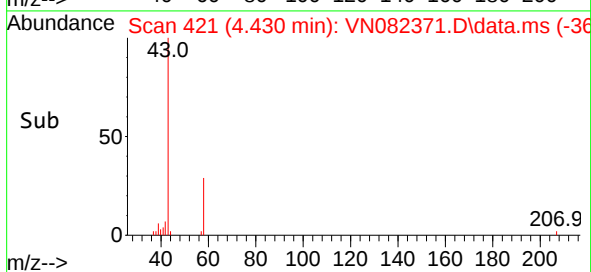
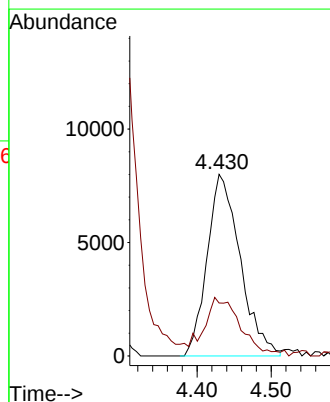
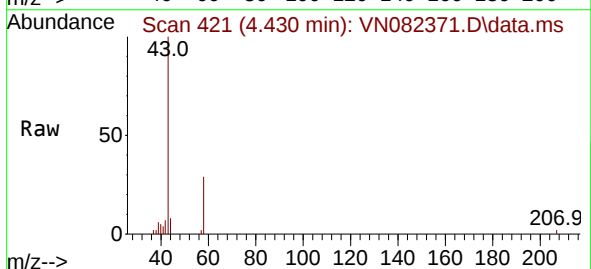
Instrument :
MSVOA_N
ClientSampleId :
522

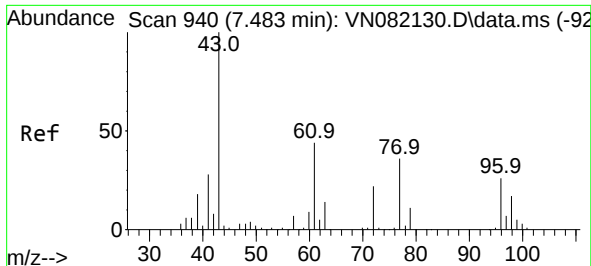
Tgt Ion:168 Resp: 202694
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#16
Acetone
Concen: 18.890 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Tgt Ion: 43 Resp: 24802
Ion Ratio Lower Upper
43 100
58 27.1 25.2 37.8

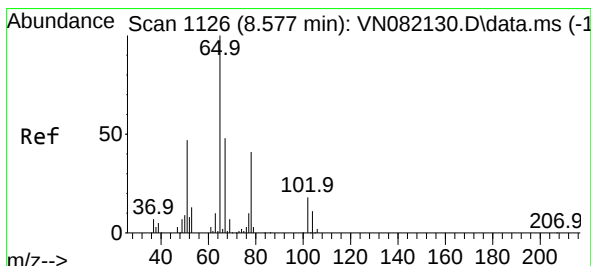
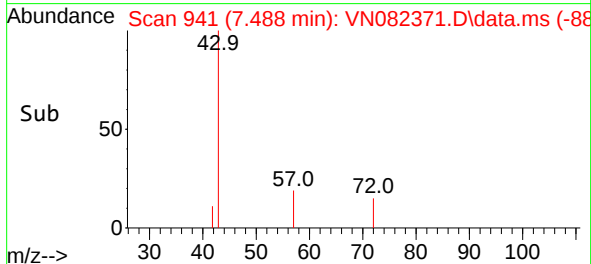
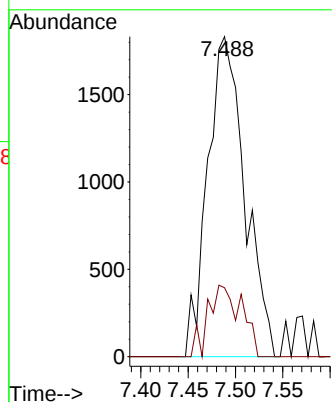
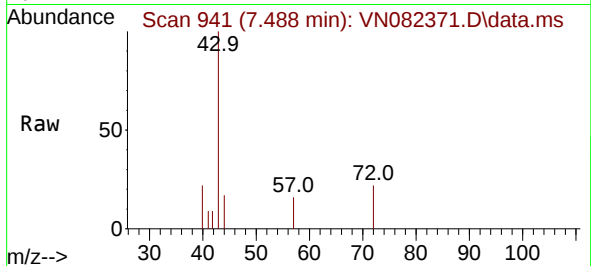




#25
2-Butanone
Concen: 2.519 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

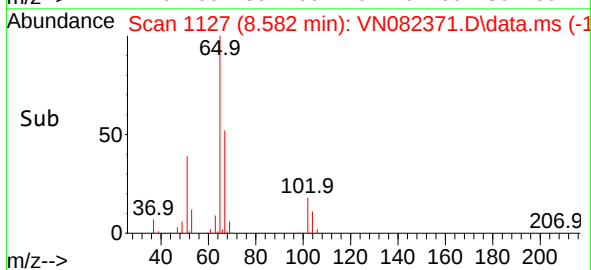
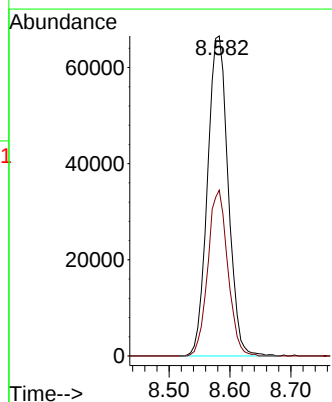
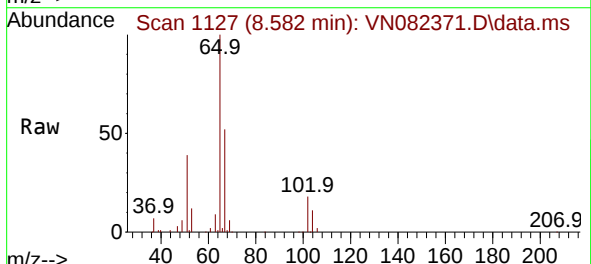
Instrument :
MSVOA_N
ClientSampleId :
522

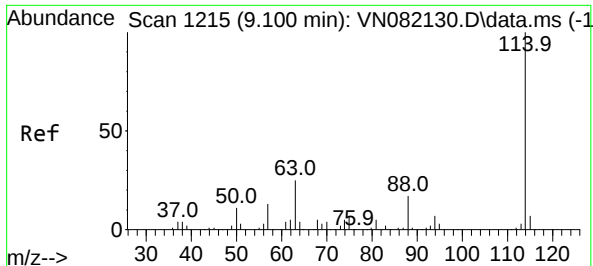
Tgt Ion: 43 Resp: 5014
Ion Ratio Lower Upper
43 100
72 21.6 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 48.898 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Tgt Ion: 65 Resp: 156504
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082371.D

Acq: 29 May 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

522

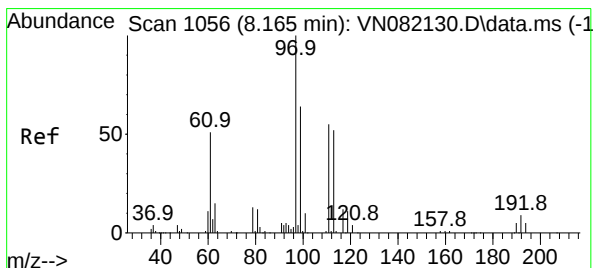
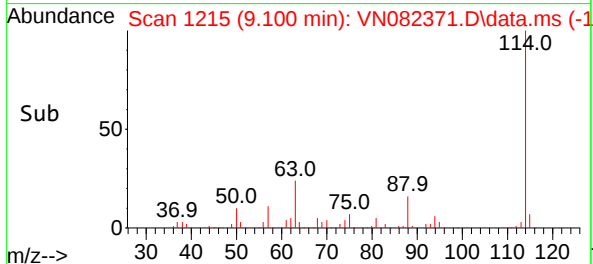
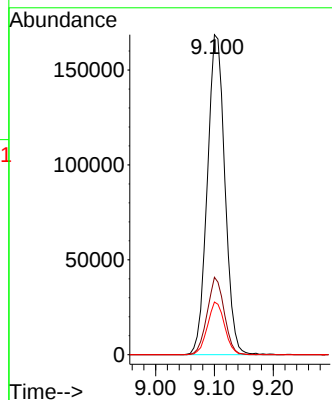
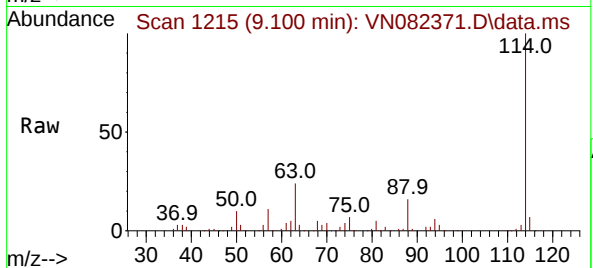
Tgt Ion:114 Resp: 349358

Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.795 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082371.D

Acq: 29 May 2024 15:28

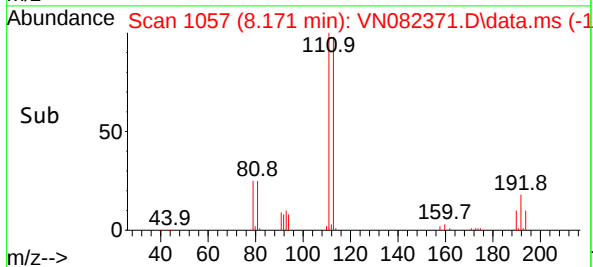
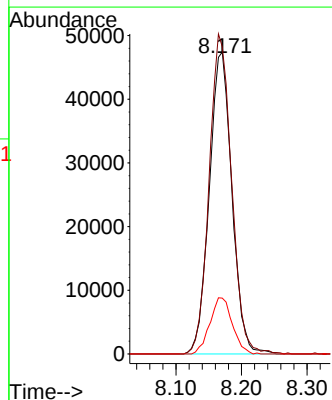
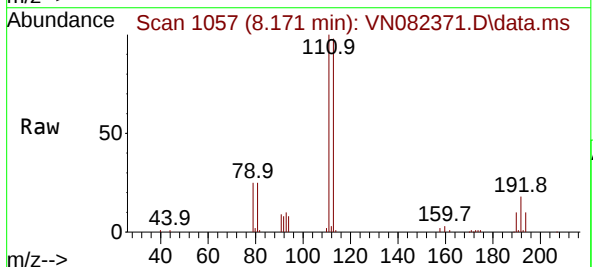
Tgt Ion:113 Resp: 113462

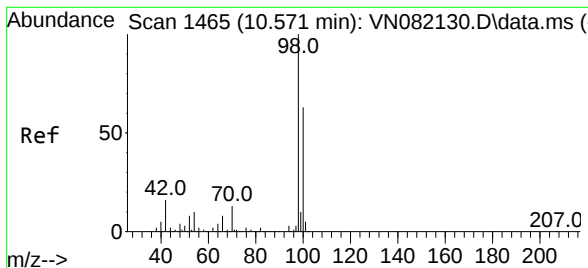
Ion Ratio Lower Upper

113 100

111 105.0 83.4 125.2

192 18.5 14.0 21.0





#50

Toluene-d8

Concen: 53.846 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082371.D

Acq: 29 May 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

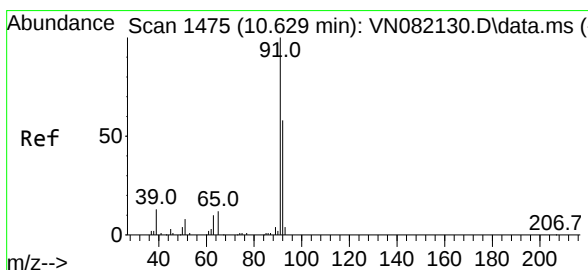
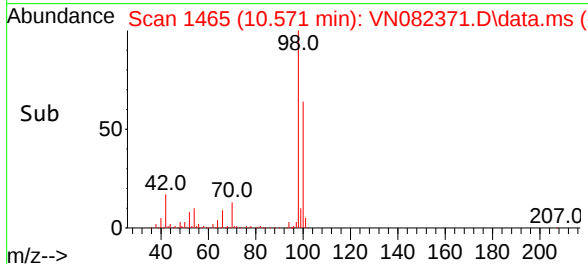
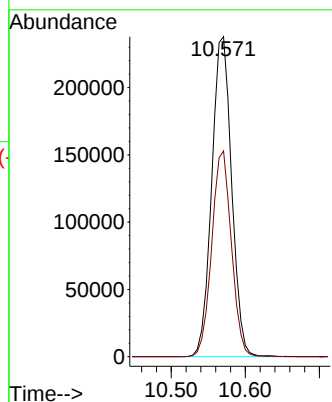
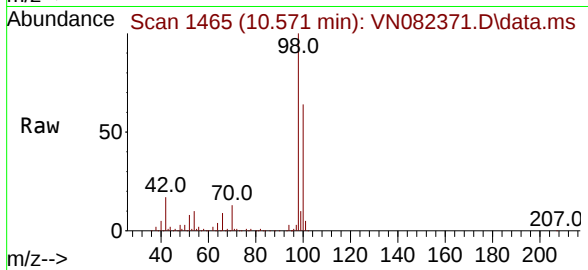
522

Tgt Ion: 98 Resp: 443657

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.6



#52

Toluene

Concen: 0.451 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN082371.D

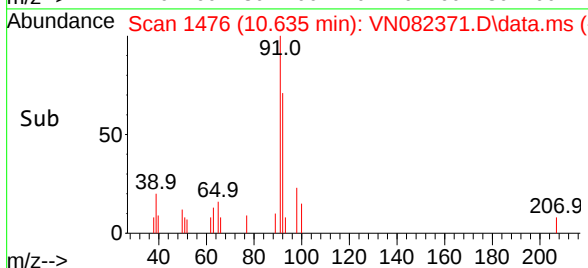
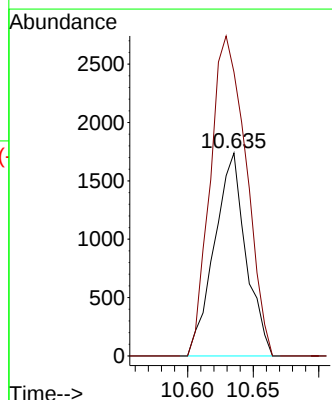
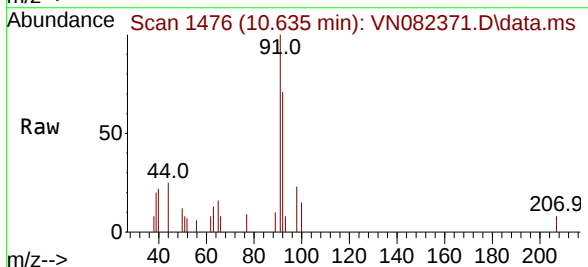
Acq: 29 May 2024 15:28

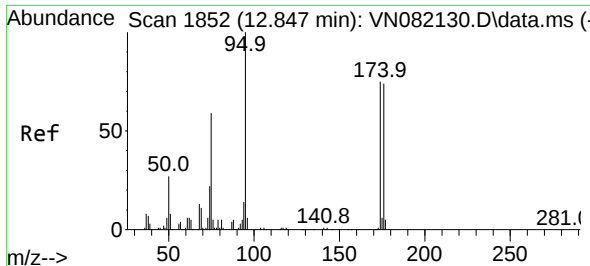
Tgt Ion: 92 Resp: 2910

Ion Ratio Lower Upper

92 100

91 178.9 136.7 205.1

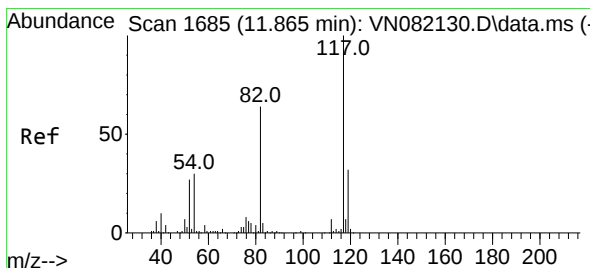
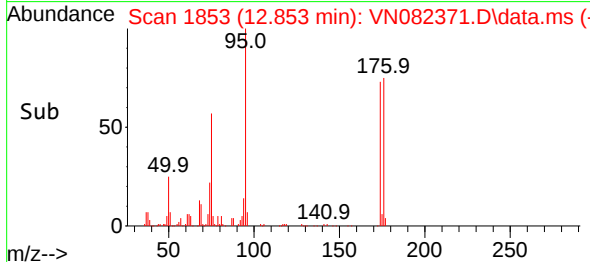
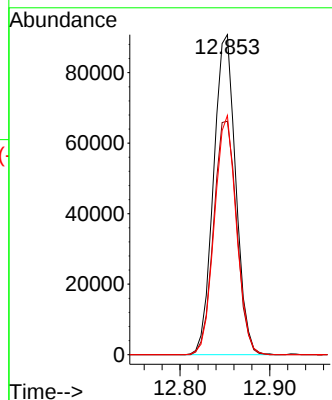
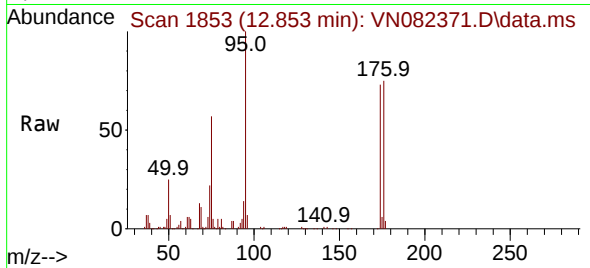




#62
4-Bromofluorobenzene
Concen: 53.008 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

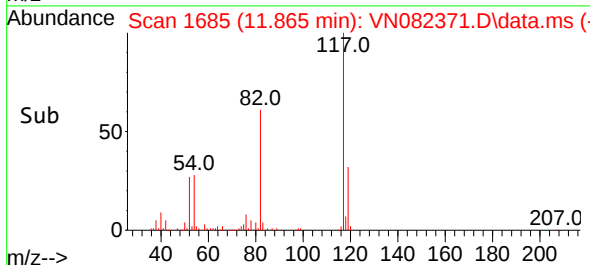
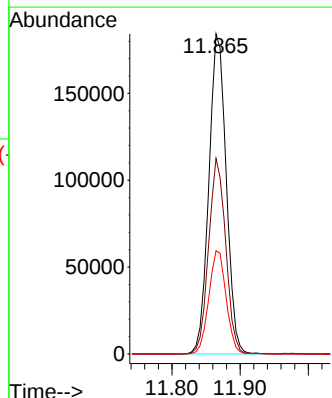
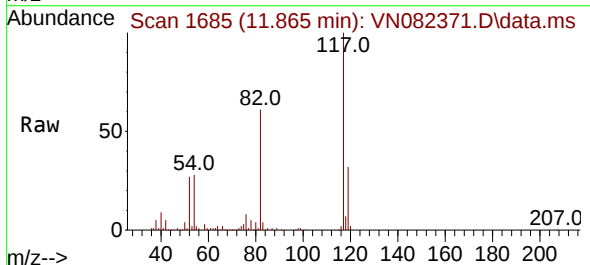
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522

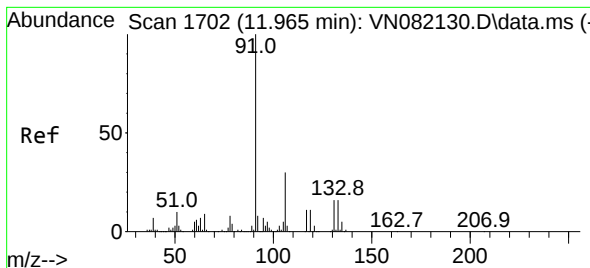
Tgt Ion: 95 Resp: 155890
Ion Ratio Lower Upper
95 100
174 75.6 0.0 160.6
176 74.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Tgt Ion: 117 Resp: 326612
Ion Ratio Lower Upper
117 100
82 61.1 44.6 66.8
119 32.2 25.9 38.9





#67

Ethyl Benzene

Concen: 0.267 ug/l

RT: 11.965 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082371.D

Acq: 29 May 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

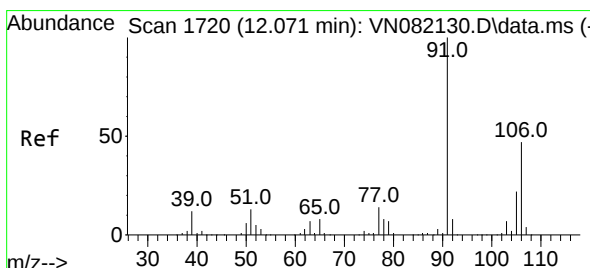
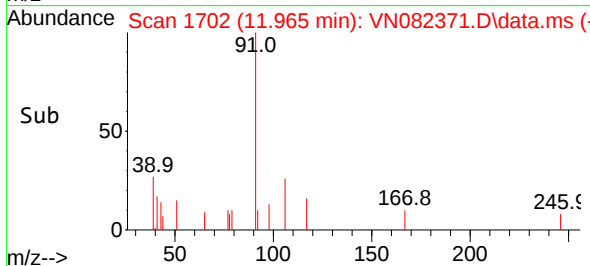
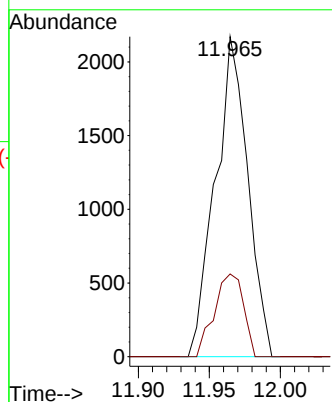
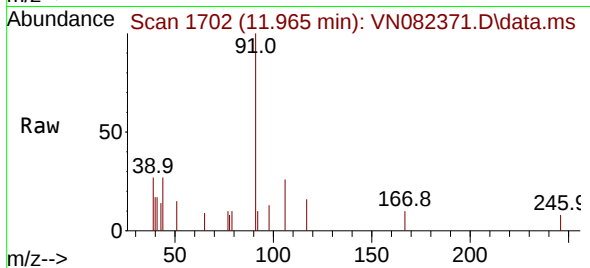
522

Tgt Ion: 91 Resp: 3443

Ion Ratio Lower Upper

91 100

106 25.8 25.3 37.9



#68

m/p-Xylenes

Concen: 1.005 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN082371.D

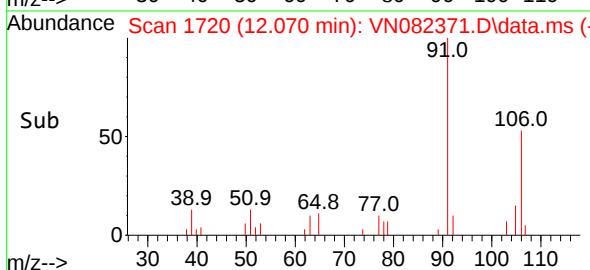
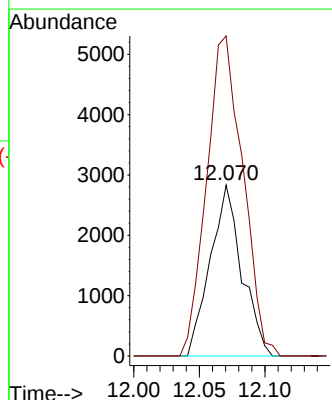
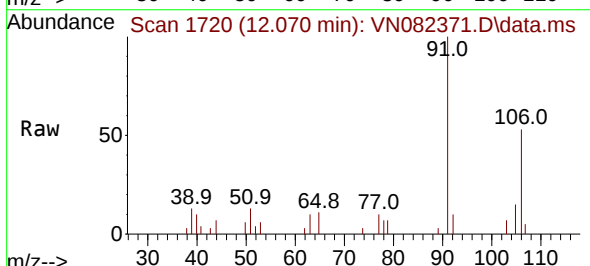
Acq: 29 May 2024 15:28

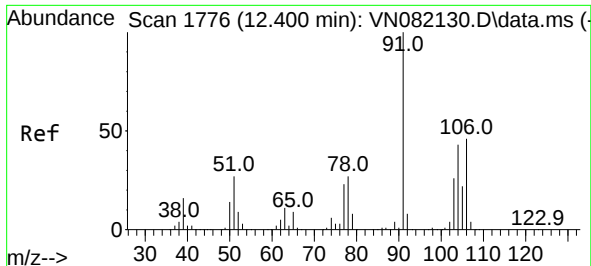
Tgt Ion: 106 Resp: 4752

Ion Ratio Lower Upper

106 100

91 214.6 159.4 239.0

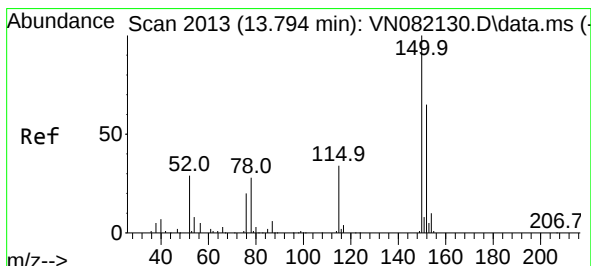
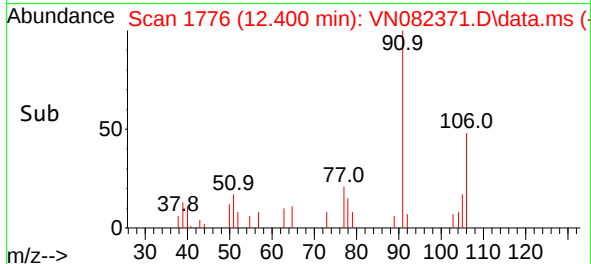
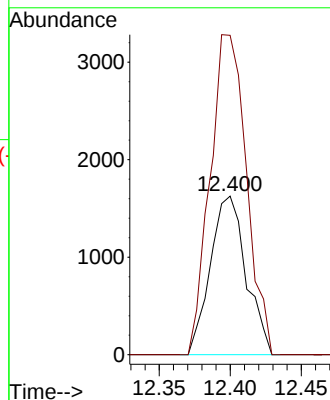
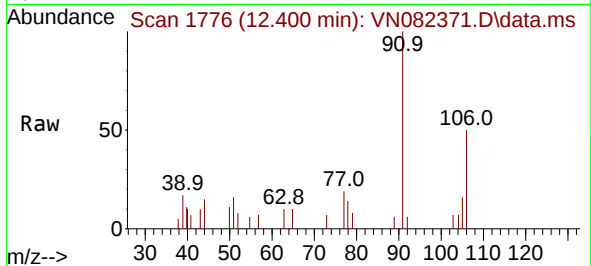




#69
o-Xylene
Concen: 0.620 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
522

Tgt Ion:106 Resp: 2843
Ion Ratio Lower Upper
106 100
91 205.6 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Tgt Ion:152 Resp: 147788
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.3
150 153.4 0.0 353.2

