

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082370.D
 Acq On : 29 May 2024 15:04
 Operator : JC\MD
 Sample : P2607-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 526

Quant Time: May 30 05:44:06 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)

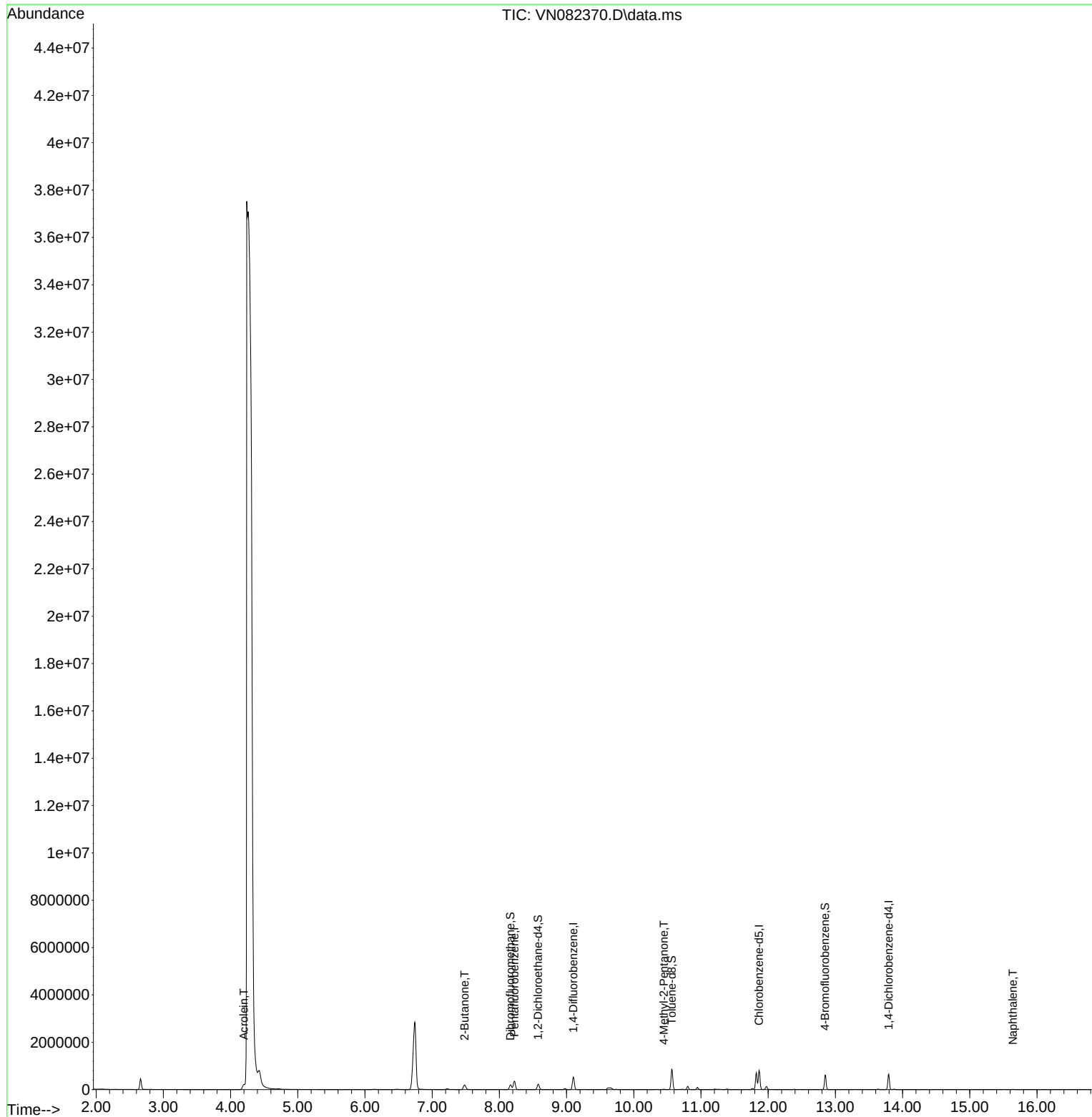
Internal Standards						
1) Pentafluorobenzene	8.224	168	252148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	427563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	417494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	192027	48.230	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	8.165	113	140510	53.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.840%
50) Toluene-d8	10.565	98	546849	54.230	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.460%
62) 4-Bromofluorobenzene	12.847	95	189576	52.672	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	105.340%
Target Compounds						
					Qvalue	
13) Acrolein	4.200	56	305549	645.151	ug/l	92
25) 2-Butanone	7.482	43	324357	130.984	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	13822	2.781	ug/l	94
95) Naphthalene	15.641	128	9587	1.019	ug/l	98

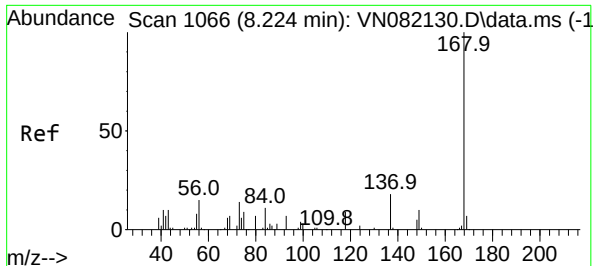
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082370.D

Acq: 29 May 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

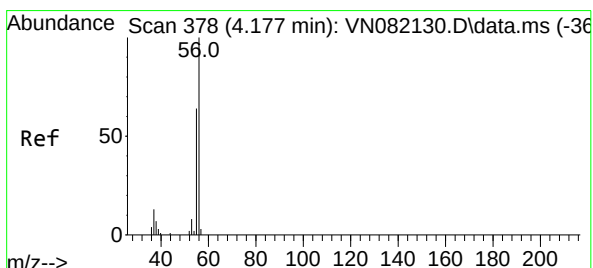
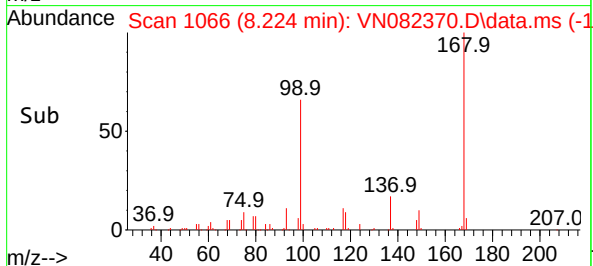
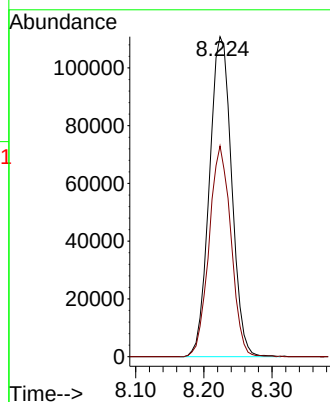
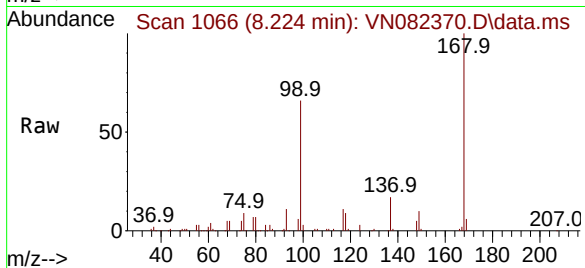
526

Tgt Ion:168 Resp: 252148

Ion Ratio Lower Upper

168 100

99 65.8 48.2 72.4



#13

Acrolein

Concen: 645.151 ug/l

RT: 4.200 min Scan# 382

Delta R.T. 0.023 min

Lab File: VN082370.D

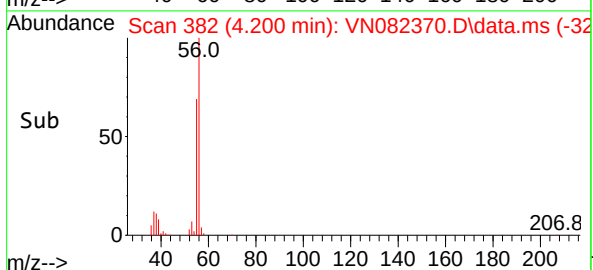
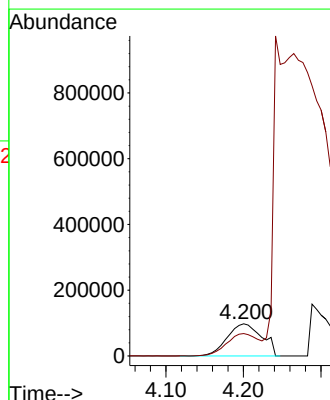
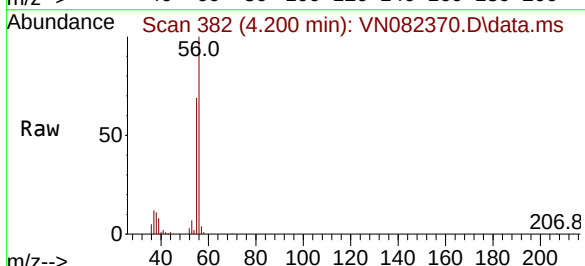
Acq: 29 May 2024 15:04

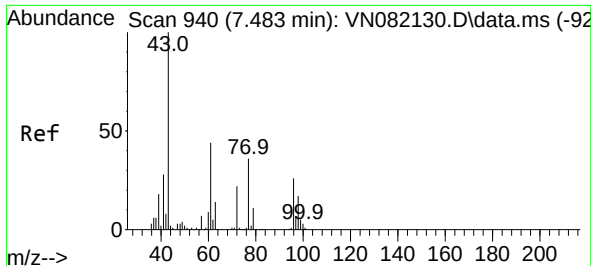
Tgt Ion: 56 Resp: 305549

Ion Ratio Lower Upper

56 100

55 63.4 55.8 83.8

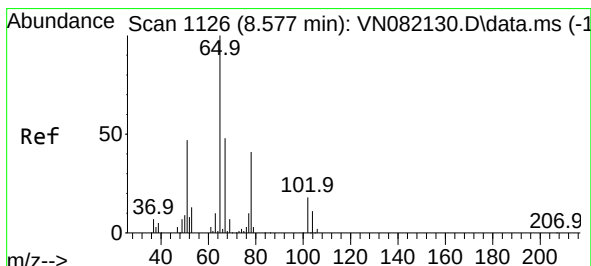
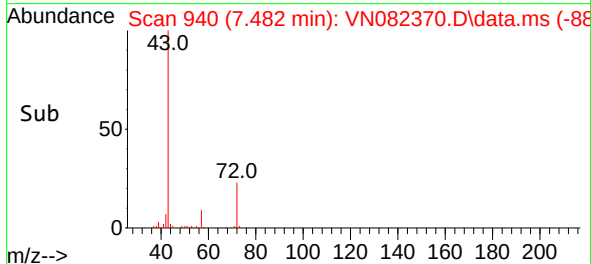
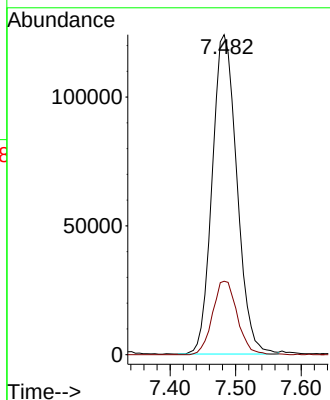
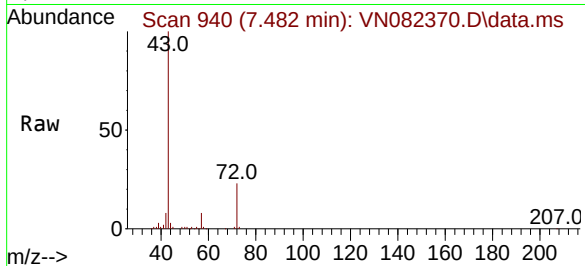




#25
2-Butanone
Concen: 130.984 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082370.D
Acq: 29 May 2024 15:04

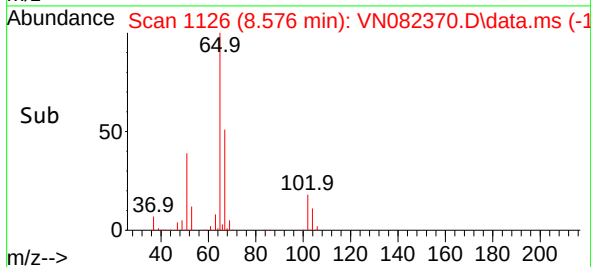
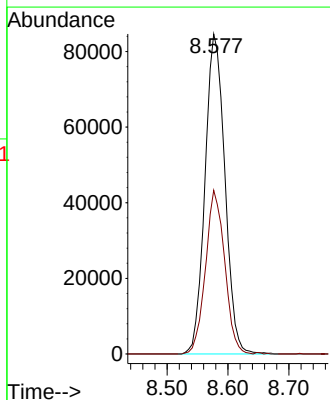
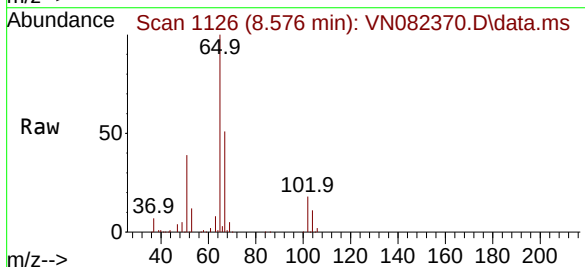
Instrument :
MSVOA_N
ClientSampleId :
526

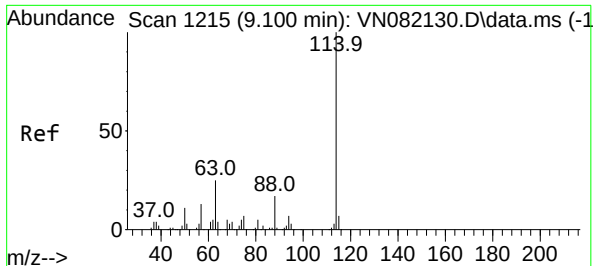
Tgt Ion: 43 Resp: 324357
Ion Ratio Lower Upper
43 100
72 23.0 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 48.230 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082370.D
Acq: 29 May 2024 15:04

Tgt Ion: 65 Resp: 192027
Ion Ratio Lower Upper
65 100
67 49.3 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: VN082370.D

Acq: 29 May 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

526

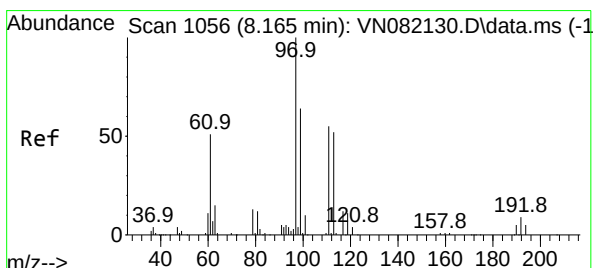
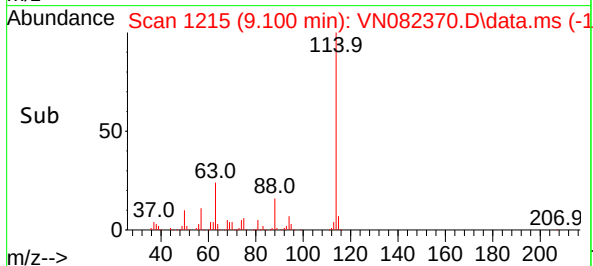
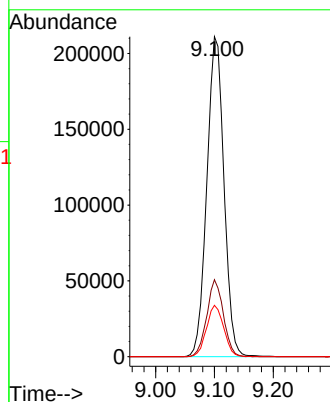
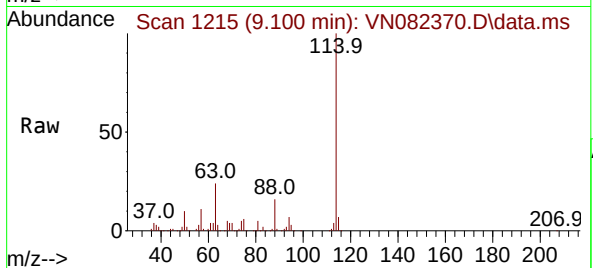
Tgt Ion:114 Resp: 427563

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.422 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082370.D

Acq: 29 May 2024 15:04

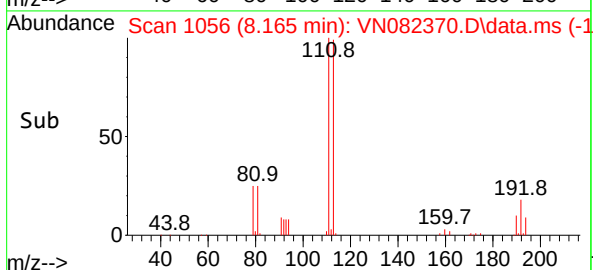
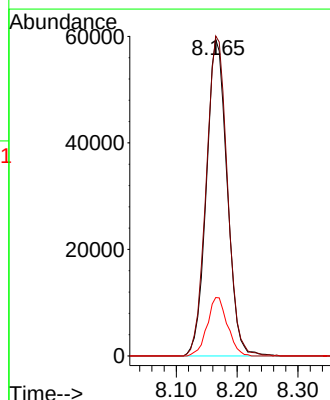
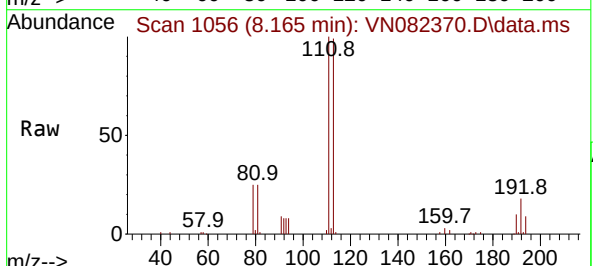
Tgt Ion:113 Resp: 140510

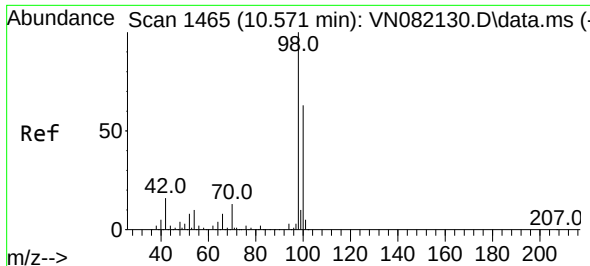
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 18.0 14.0 21.0

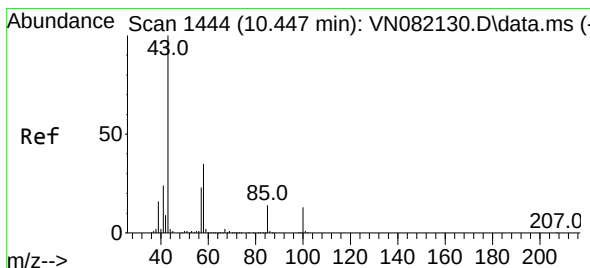
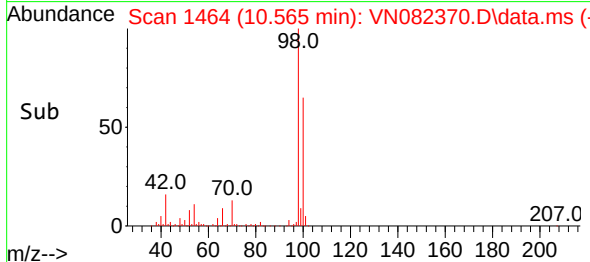
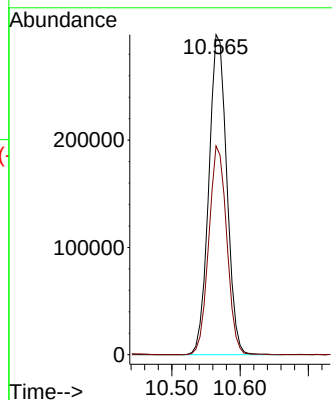
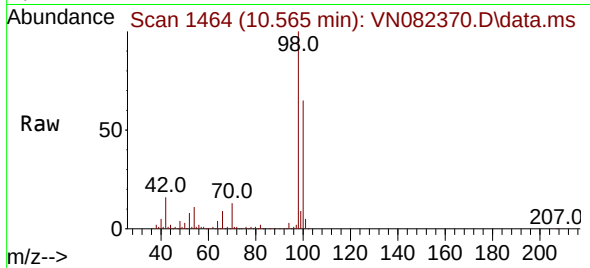




#50
Toluene-d8
Concen: 54.230 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN082370.D
Acq: 29 May 2024 15:04

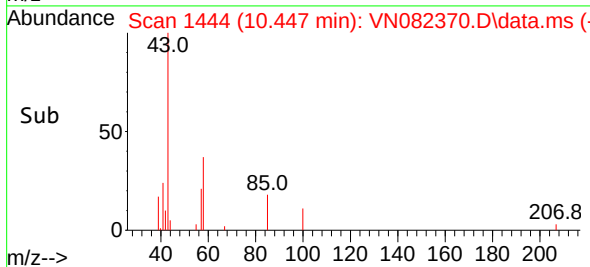
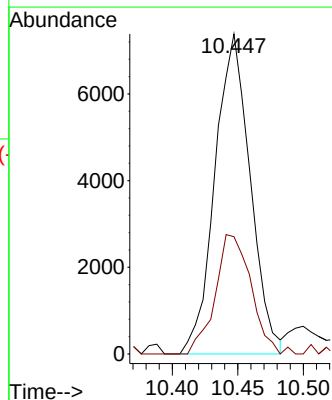
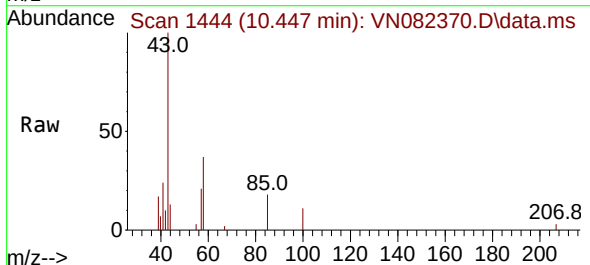
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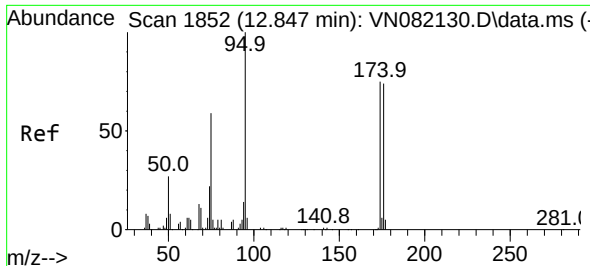
Tgt Ion: 98 Resp: 546849
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 2.781 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082370.D
Acq: 29 May 2024 15:04

Tgt Ion: 43 Resp: 13822
Ion Ratio Lower Upper
43 100
58 37.9 33.2 49.8

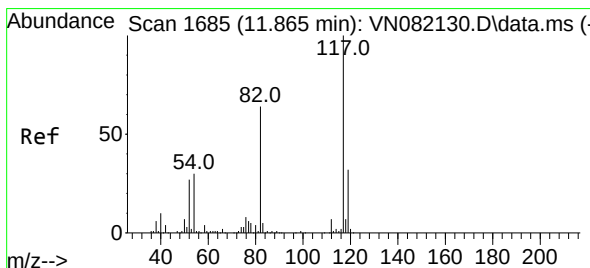
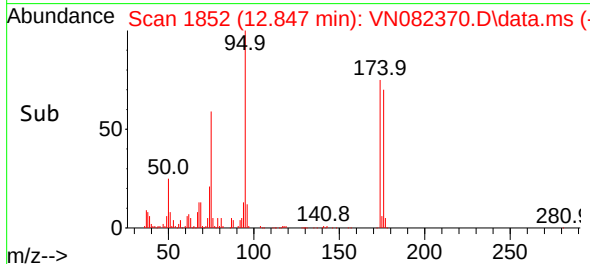
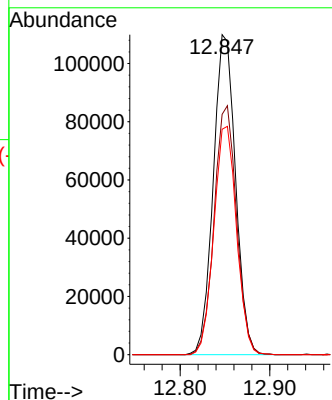
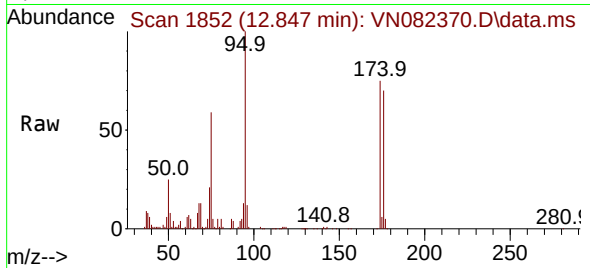




#62
4-Bromofluorobenzene
Concen: 52.672 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082370.D
Acq: 29 May 2024 15:04

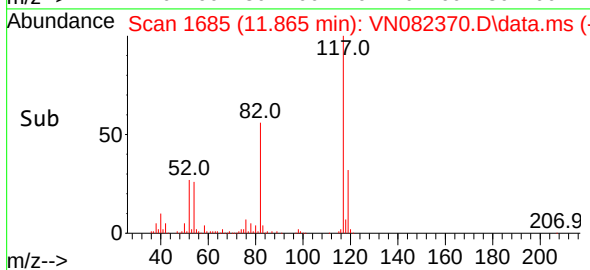
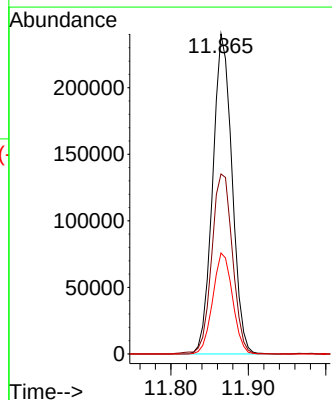
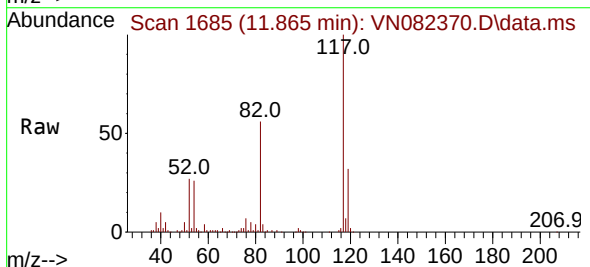
Instrument :
MSVOA_N
ClientSampleId :
526

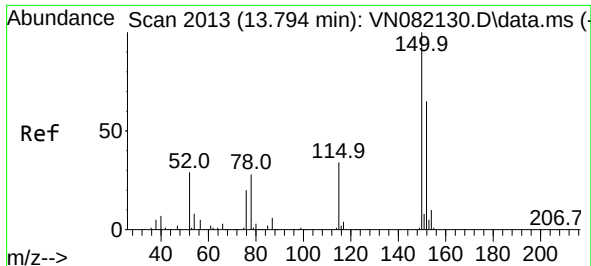
Tgt Ion: 95 Resp: 189576
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.6
176 72.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082370.D
Acq: 29 May 2024 15:04

Tgt Ion: 117 Resp: 417494
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 31.6 25.9 38.9

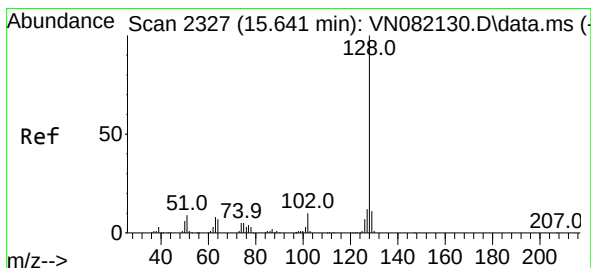
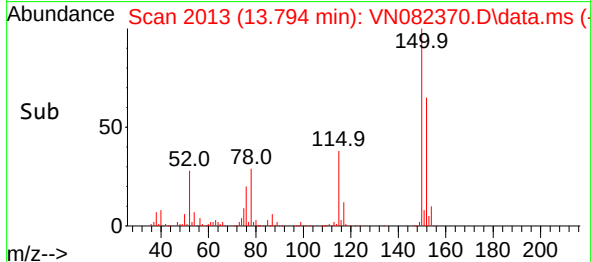
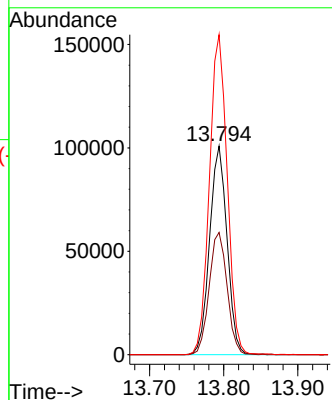
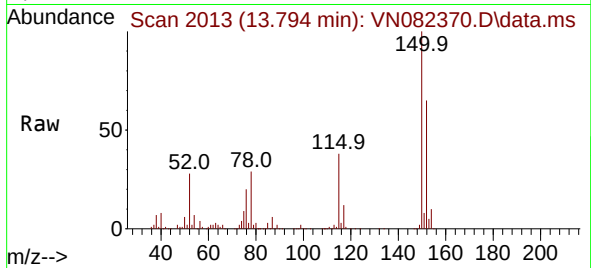




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082370.D
Acq: 29 May 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
526

Tgt Ion:152 Resp: 165026
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 156.2 0.0 353.2



#95
Naphthalene
Concen: 1.019 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082370.D
Acq: 29 May 2024 15:04

Tgt Ion:128 Resp: 9587
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 9.6 8.9 13.3

