

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082261.D
 Acq On : 22 May 2024 00:20
 Operator : JC\MD
 Sample : P2494-01 40X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1

Quant Time: May 22 02:42:19 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)

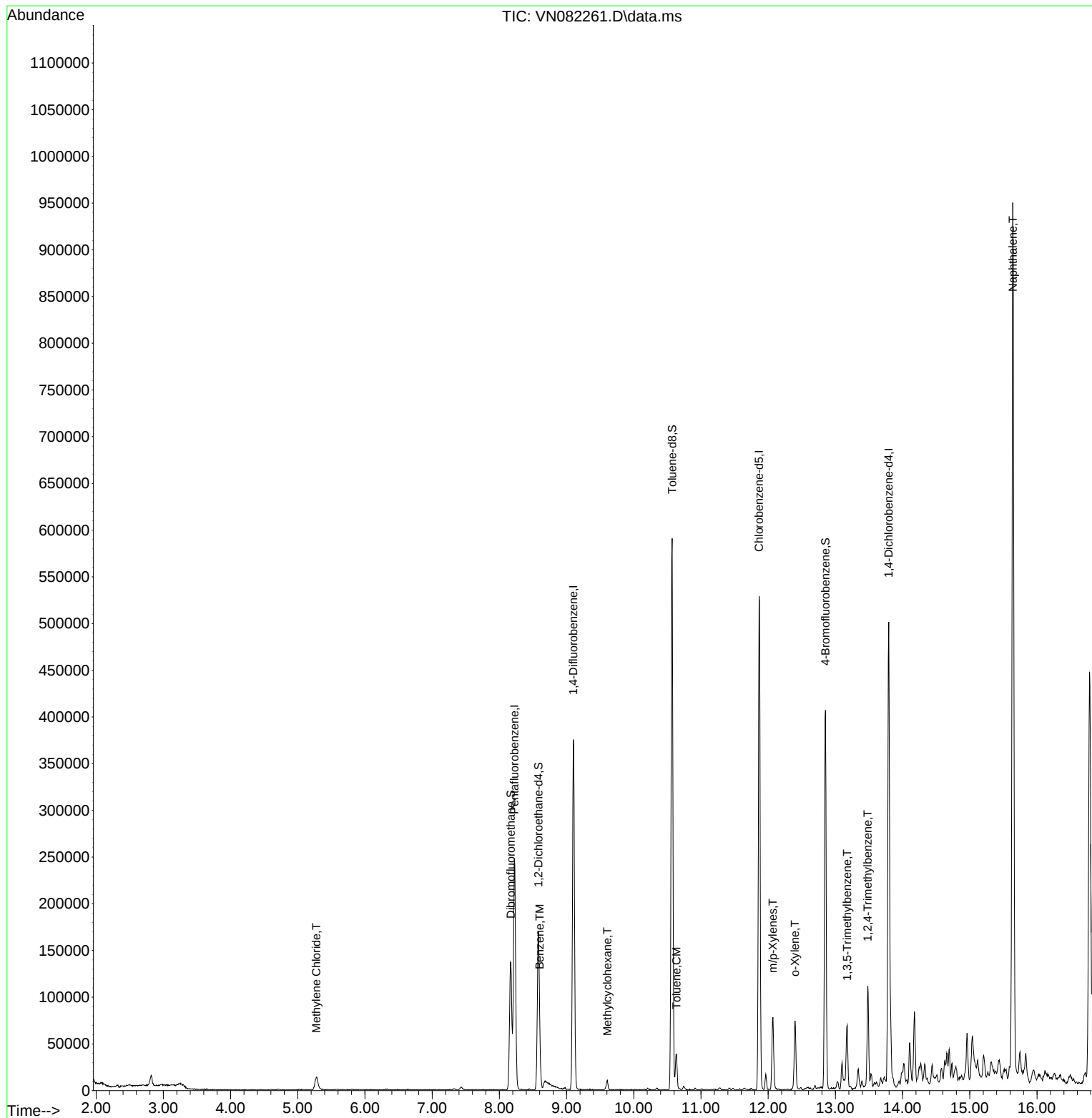
Internal Standards						
1) Pentafluorobenzene	8.224	168	171215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138834	51.353	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.700%	
35) Dibromofluoromethane	8.171	113	96829	52.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.080%	
50) Toluene-d8	10.571	98	386000	54.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.260%	
62) 4-Bromofluorobenzene	12.853	95	134204	53.210	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 106.420%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.277	84	9735	4.351	ug/l #	82
39) Methylcyclohexane	9.606	83	3539	1.044	ug/l #	65
40) Benzene	8.600	78	9598	1.041	ug/l #	86
52) Toluene	10.635	92	15482	2.799	ug/l	98
68) m/p-Xylenes	12.070	106	20681	5.130	ug/l	88
69) o-Xylene	12.400	106	18224	4.667	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	31136	3.910	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	57984	7.117	ug/l	96
95) Naphthalene	15.641	128	820223	116.011	ug/l	99

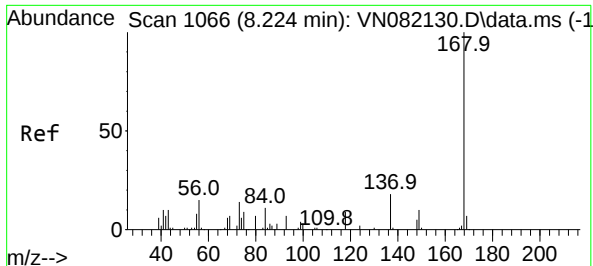
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

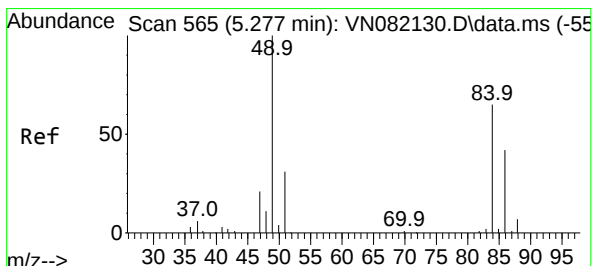
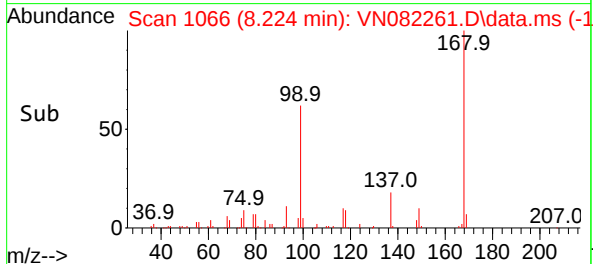
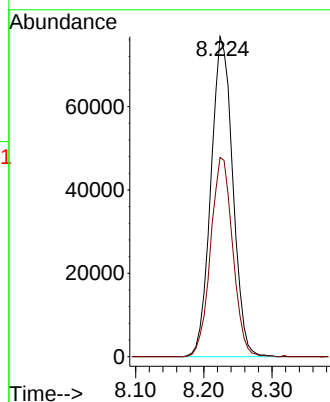
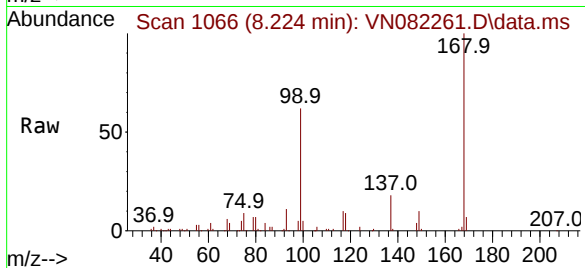




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

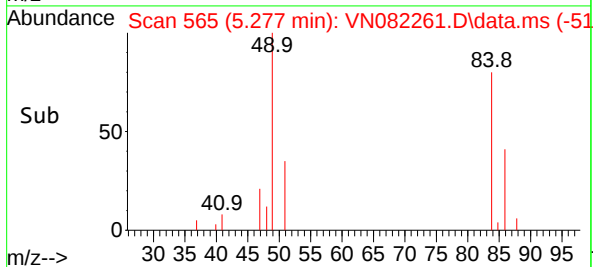
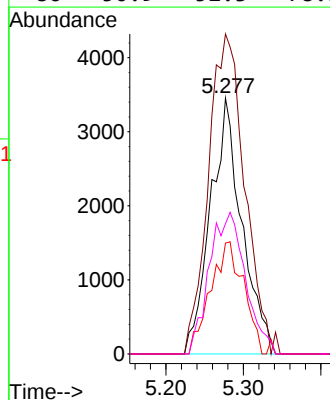
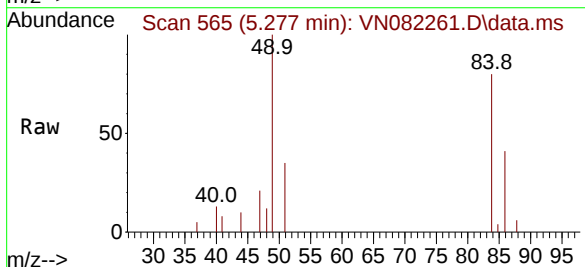
Instrument :
MSVOA_N
ClientSampleId :
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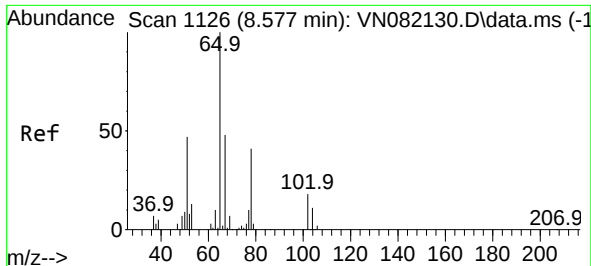
Tgt Ion:168 Resp: 171215
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#20
Methylene Chloride
Concen: 4.351 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

Tgt Ion: 84 Resp: 9735
Ion Ratio Lower Upper
84 100
49 125.1 84.9 127.3
51 43.3 27.0 40.6#
86 50.9 52.3 78.5#





#33

1,2-Dichloroethane-d4

Concen: 51.353 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

Instrument :

MSVOA_N

ClientSampleId :

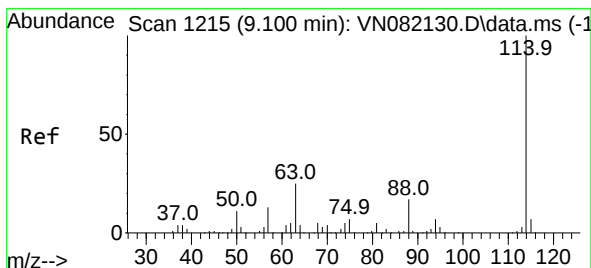
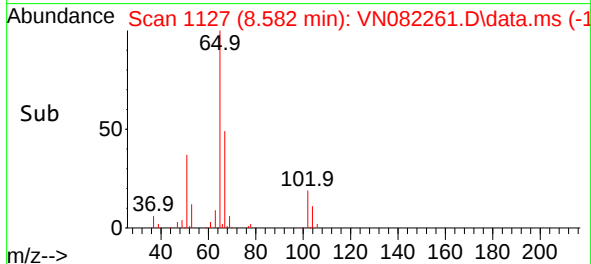
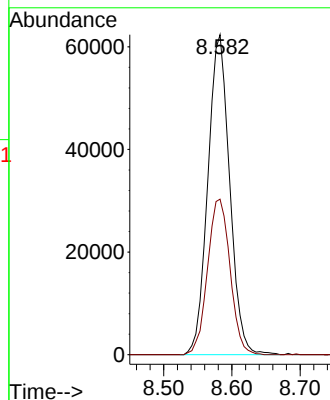
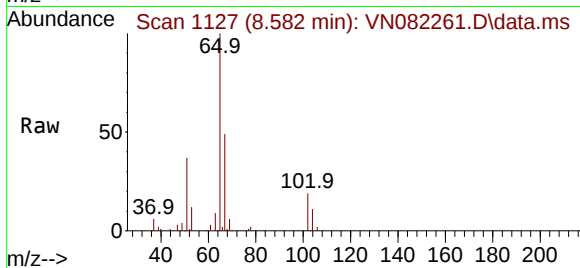
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Tgt Ion: 65 Resp: 138834

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# 1215

Delta R.T. -0.000 min

Lab File: VN082261.D

Acq: 22 May 2024 00:20

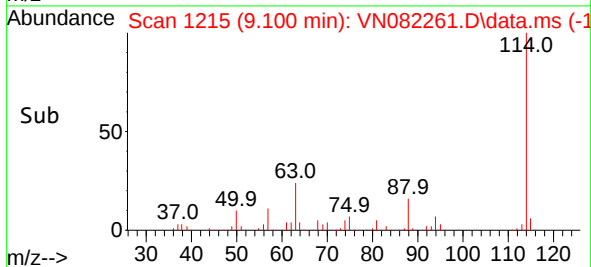
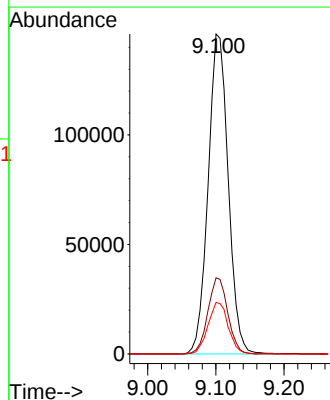
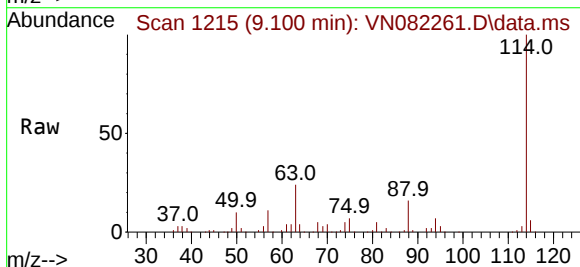
Tgt Ion: 114 Resp: 299617

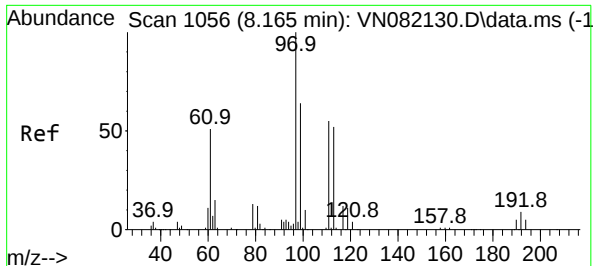
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.1 0.0 31.4

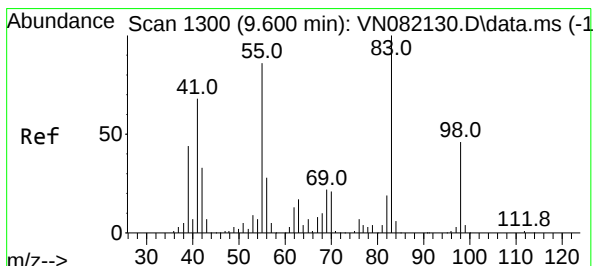
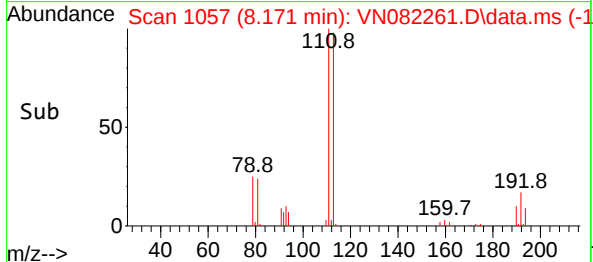
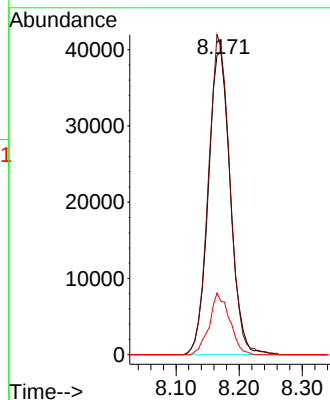
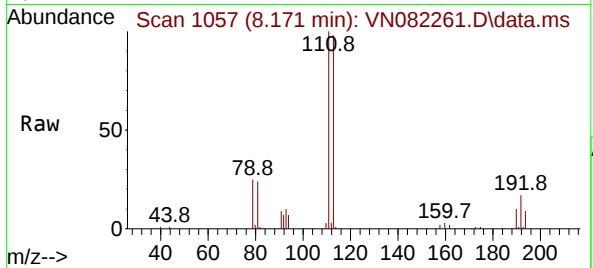




#35
Dibromofluoromethane
Concen: 52.536 ug/l
RT: 8.171 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

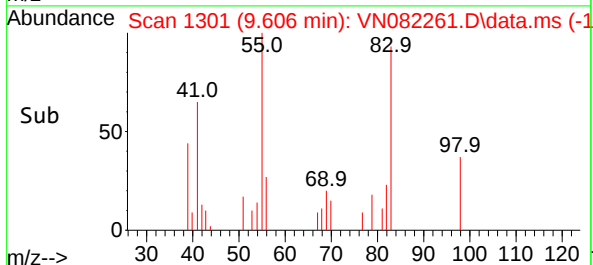
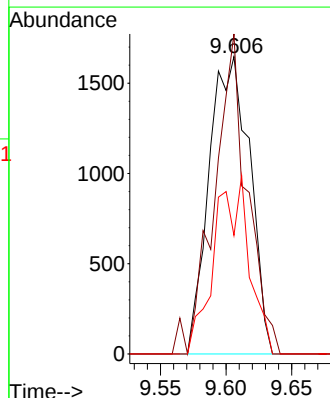
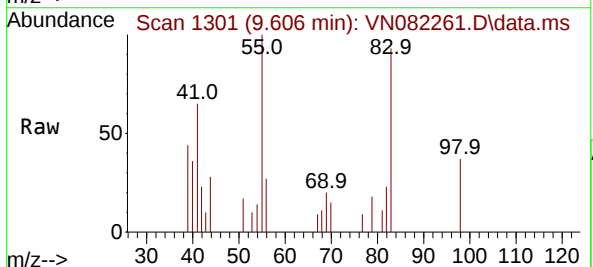
Instrument :
MSVOA_N
ClientSampleId :
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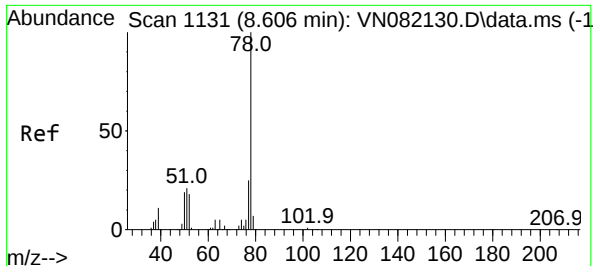
Tgt Ion:113 Resp: 96829
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 18.6 14.0 21.0



#39
Methylcyclohexane
Concen: 1.044 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

Tgt Ion: 83 Resp: 3539
Ion Ratio Lower Upper
83 100
55 107.6 53.0 79.6#
98 39.9 37.1 55.7

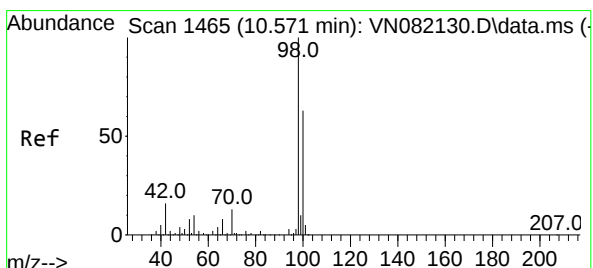
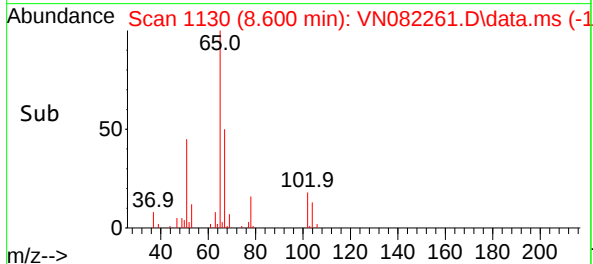
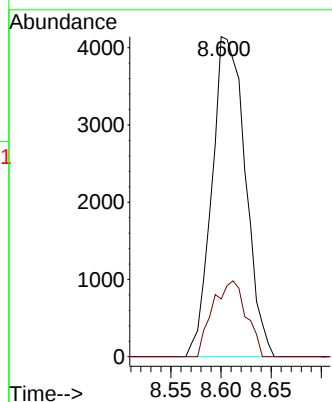
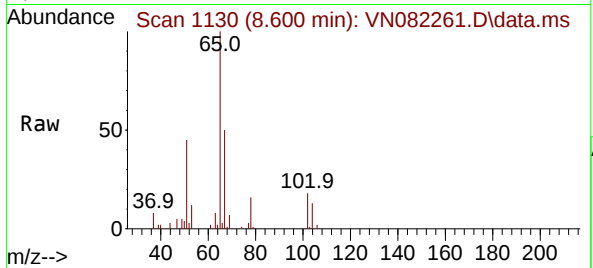




#40
Benzene
Concen: 1.041 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

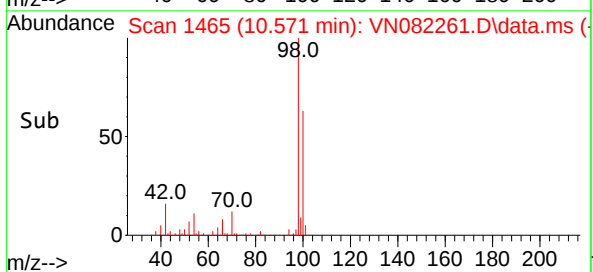
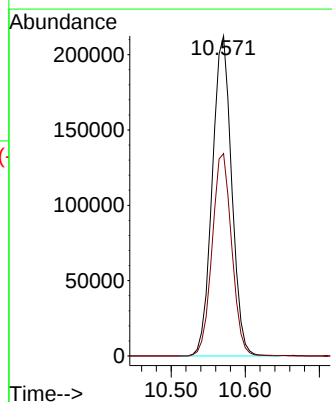
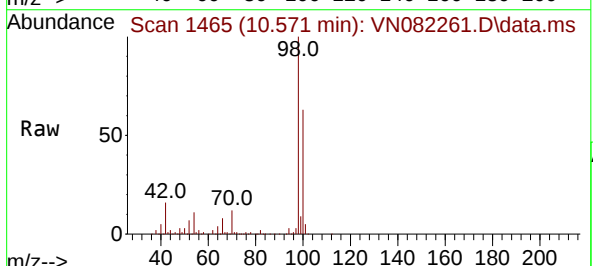
Instrument :
MSVOA_N
ClientSampleId :
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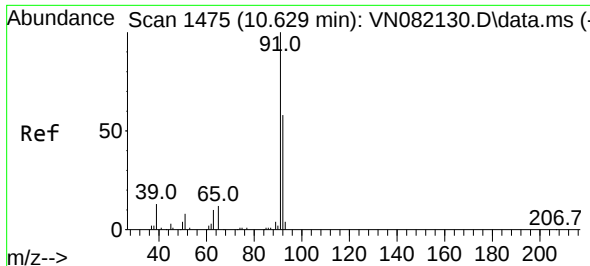
Tgt Ion: 78 Resp: 9598
Ion Ratio Lower Upper
78 100
77 18.1 20.0 30.0#



#50
Toluene-d8
Concen: 54.625 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

Tgt Ion: 98 Resp: 386000
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

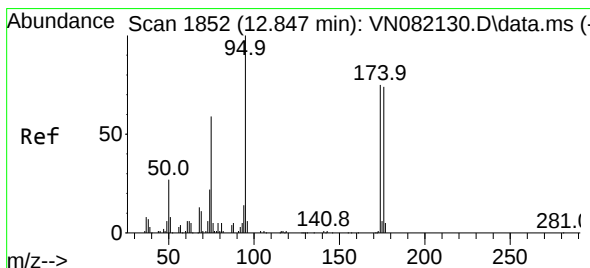
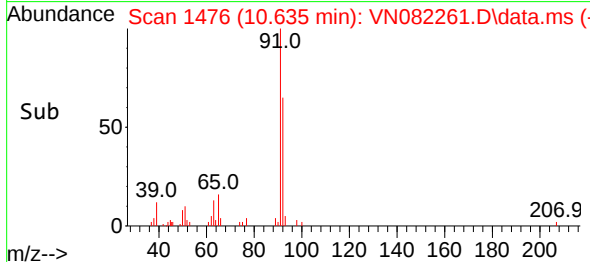
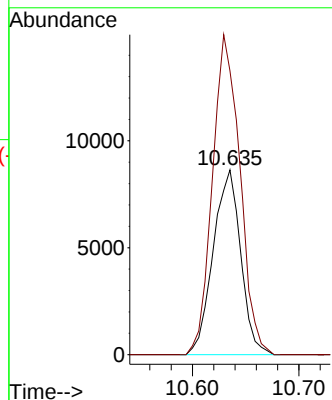
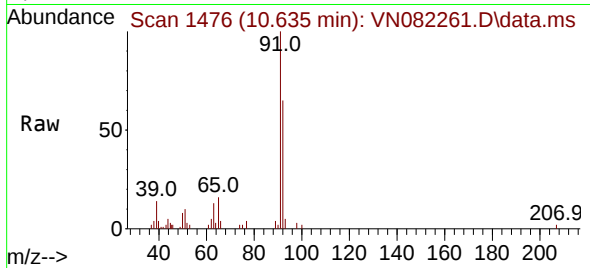




#52
Toluene
Concen: 2.799 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

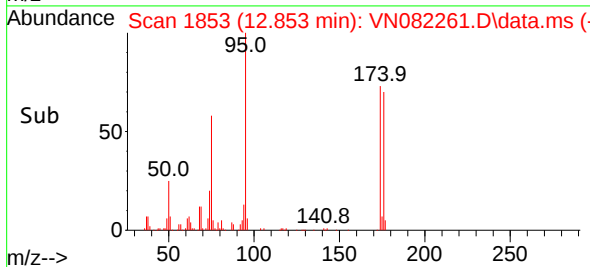
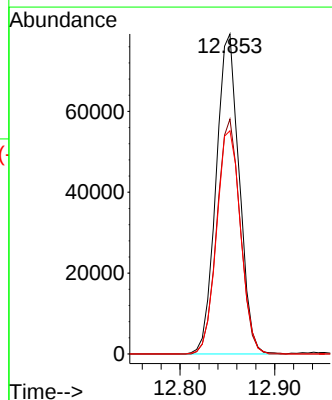
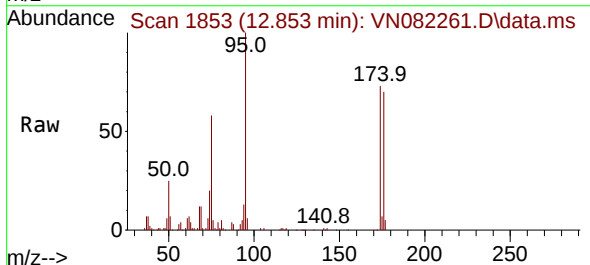
Instrument :
MSVOA_N
ClientSampleId :
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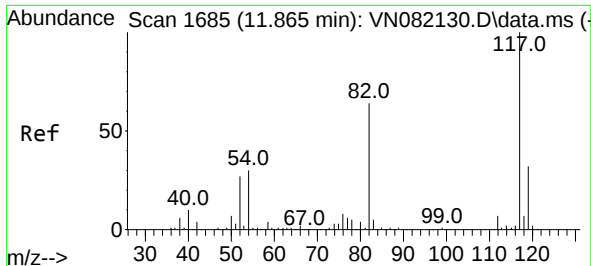
Tgt Ion: 92 Resp: 15482
Ion Ratio Lower Upper
92 100
91 173.2 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 53.210 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

Tgt Ion: 95 Resp: 134204
Ion Ratio Lower Upper
95 100
174 73.7 0.0 160.6
176 72.5 0.0 152.8

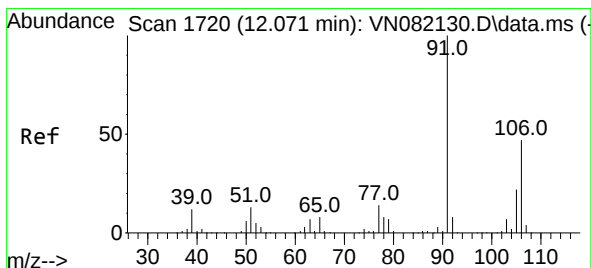
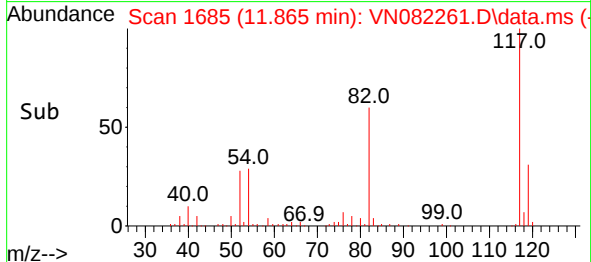
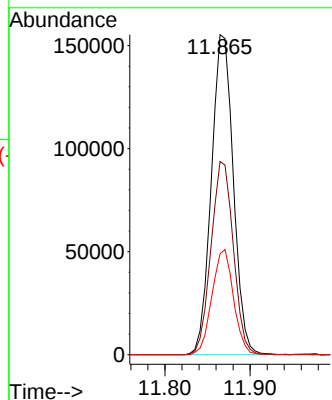
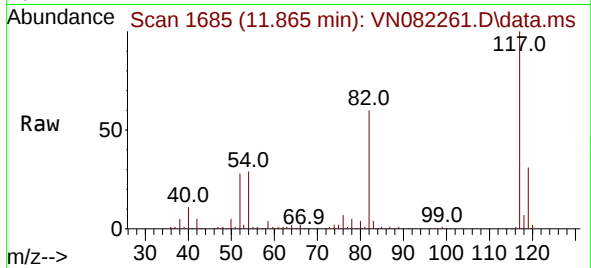




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

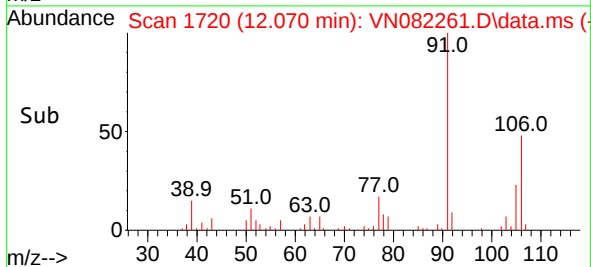
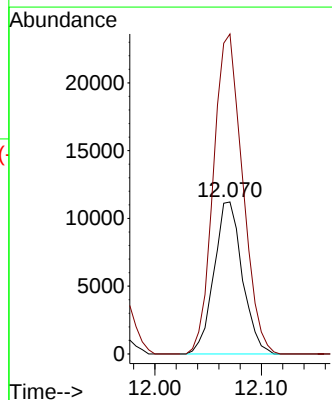
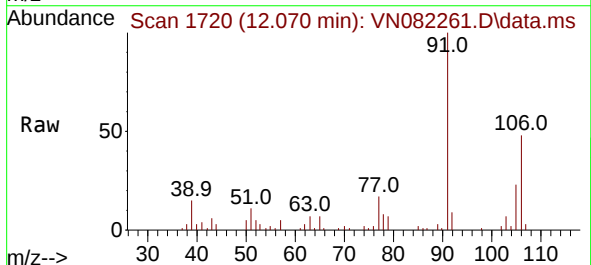
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MSVOA_N
ClientSampleId :
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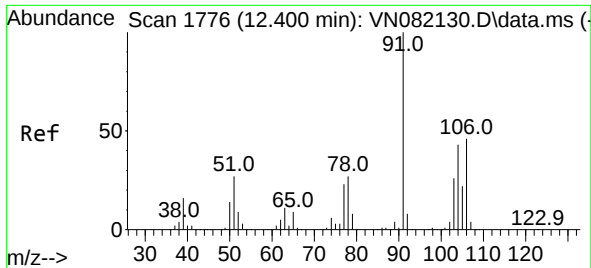
Tgt Ion:117 Resp: 278312
Ion Ratio Lower Upper
117 100
82 60.3 44.6 66.8
119 31.5 25.9 38.9



#68
m/p-Xylenes
Concen: 5.130 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

Tgt Ion:106 Resp: 20681
Ion Ratio Lower Upper
106 100
91 217.2 159.4 239.0

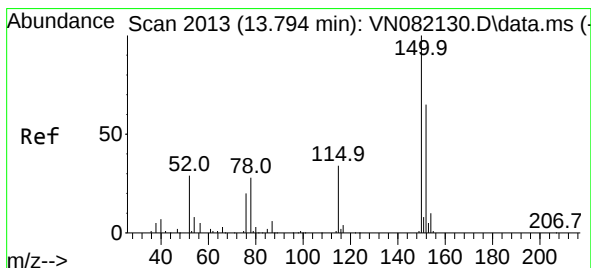
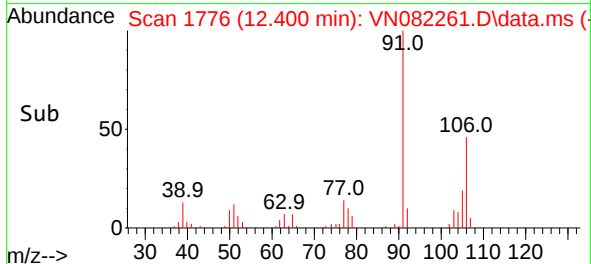
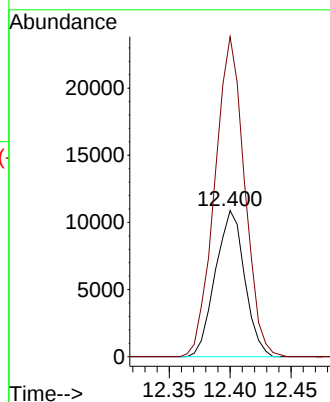
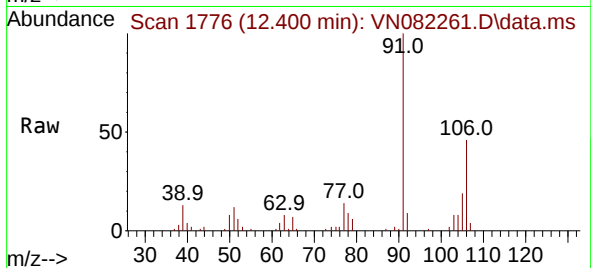




#69
o-Xylene
Concen: 4.667 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

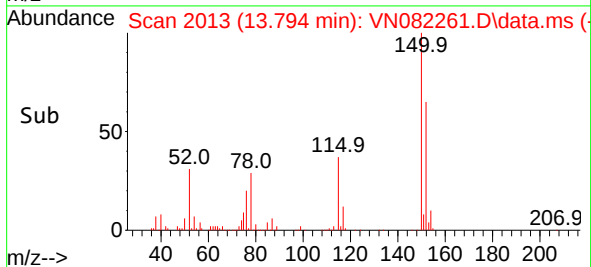
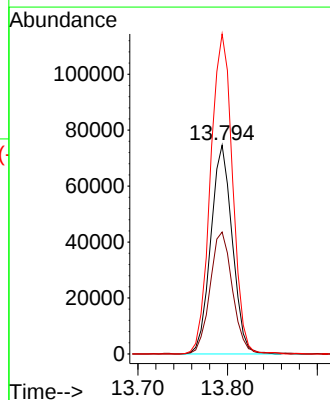
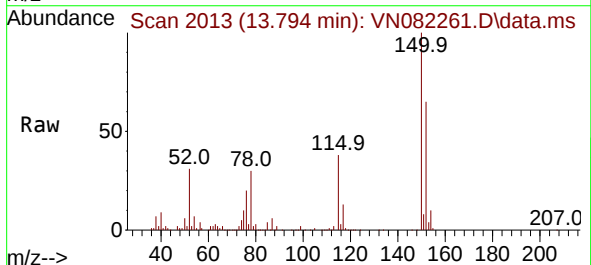
Instrument :
MSVOA_N
ClientSampleId :
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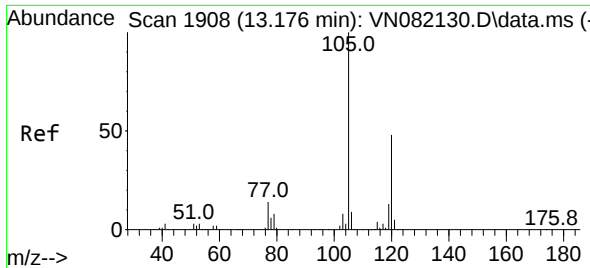
Tgt Ion:106 Resp: 18224
Ion Ratio Lower Upper
106 100
91 222.6 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

Tgt Ion:152 Resp: 123966
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 157.2 0.0 353.2

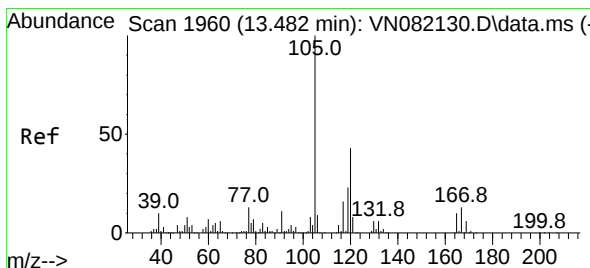
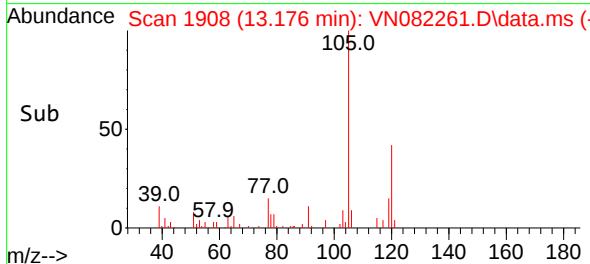
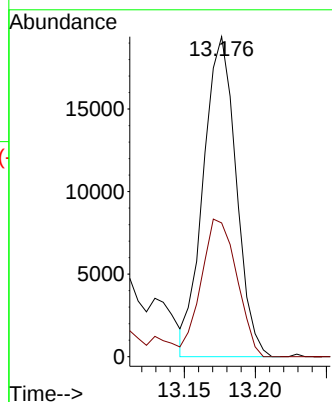
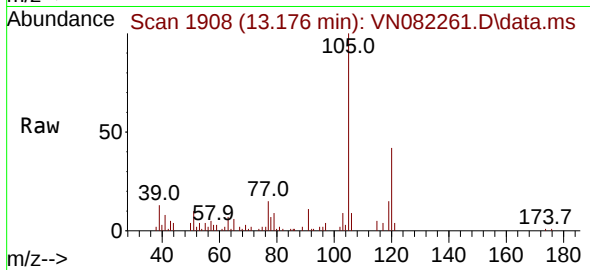




#80
 1,3,5-Trimethylbenzene
 Concen: 3.910 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN082261.D
 Acq: 22 May 2024 00:20

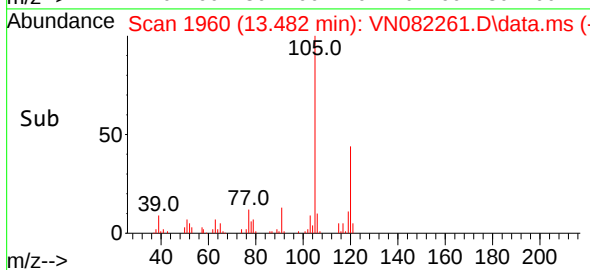
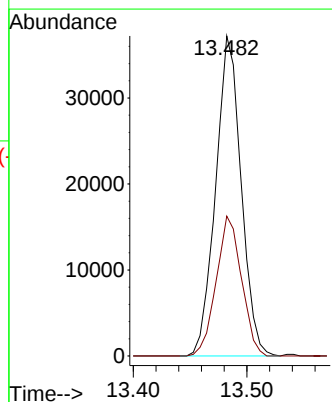
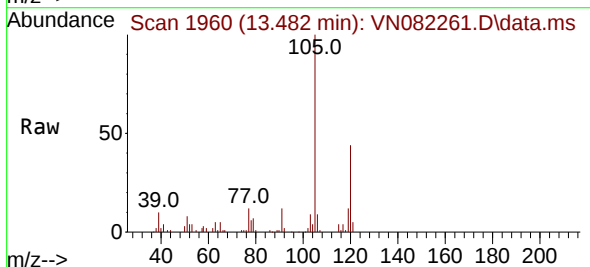
Instrument :
 MSVOA_N
 ClientSampleId :
 1

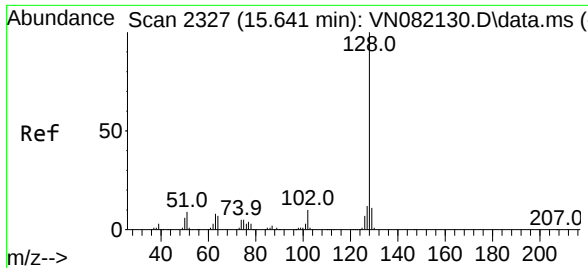
Tgt Ion:105 Resp: 31136
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.8 74.3



#84
 1,2,4-Trimethylbenzene
 Concen: 7.117 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082261.D
 Acq: 22 May 2024 00:20

Tgt Ion:105 Resp: 57984
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.9 68.7





#95
Naphthalene
Concen: 116.011 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082261.D
Acq: 22 May 2024 00:20

Instrument :
MSVOA_N
ClientSampleId :
1

Tgt Ion:128 Resp: 820223
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.7 8.9 13.3

