

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082271.D
 Acq On : 22 May 2024 04:21
 Operator : JC\MD
 Sample : P2494-11 40X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 11

Quant Time: May 22 07:40:04 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)

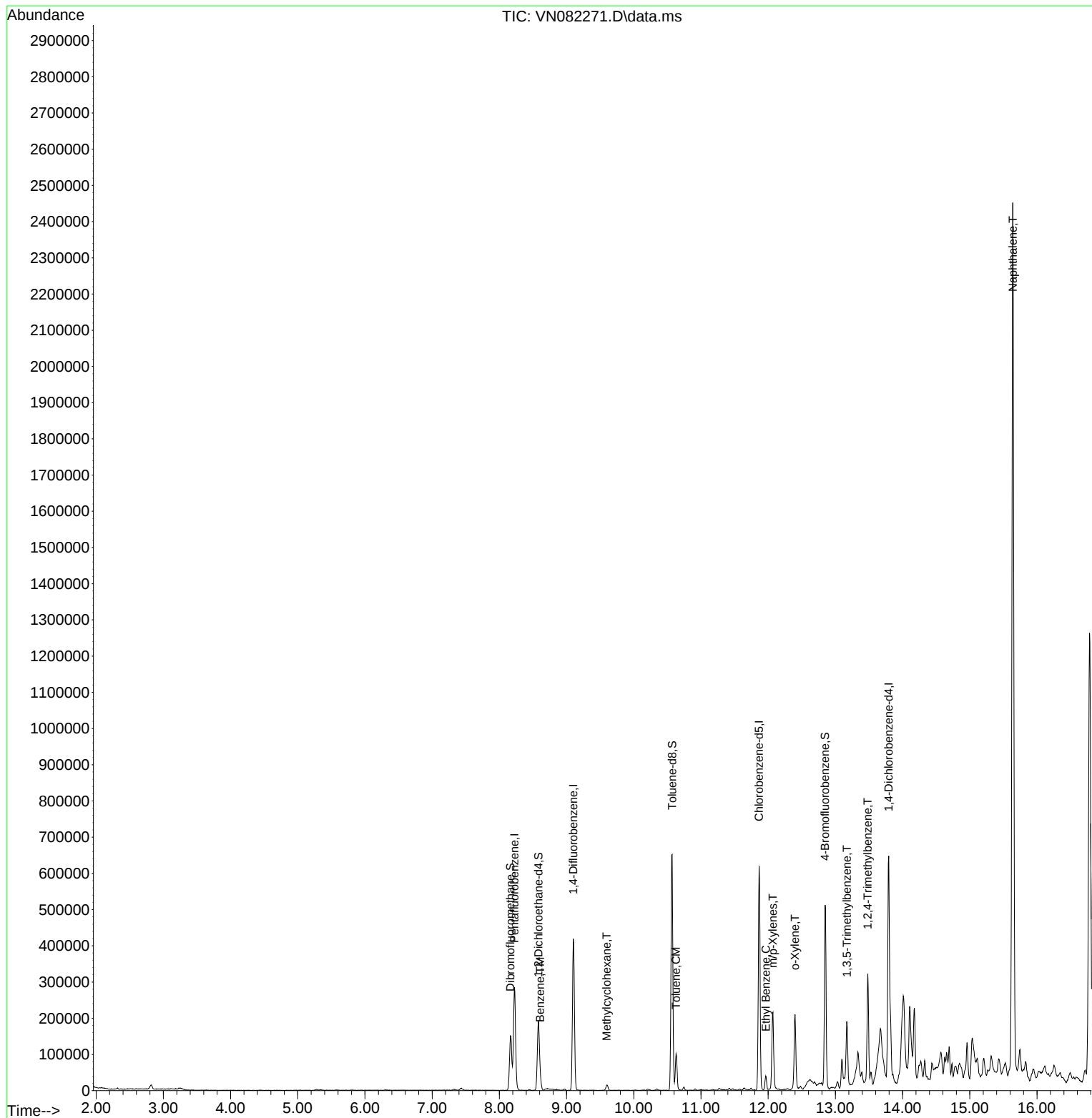
Internal Standards						
1) Pentafluorobenzene	8.224	168	194898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	153913	50.013	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.020%	
35) Dibromofluoromethane	8.165	113	105553	51.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.600%	
50) Toluene-d8	10.570	98	428625	54.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.660%	
62) 4-Bromofluorobenzene	12.847	95	165021	58.604	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 117.200%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.594	83	6066	1.604	ug/l	96
40) Benzene	8.606	78	23646	2.298	ug/l	96
52) Toluene	10.629	92	40639	6.580	ug/l	95
67) Ethyl Benzene	11.965	91	26318	2.057	ug/l	99
68) m/p-Xylenes	12.070	106	59366	12.660	ug/l	92
69) o-Xylene	12.400	106	51945	11.436	ug/l	92
80) 1,3,5-Trimethylbenzene	13.170	105	83047	8.315	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	163796	16.029	ug/l	98
95) Naphthalene	15.641	128	2122031	239.292	ug/l	99

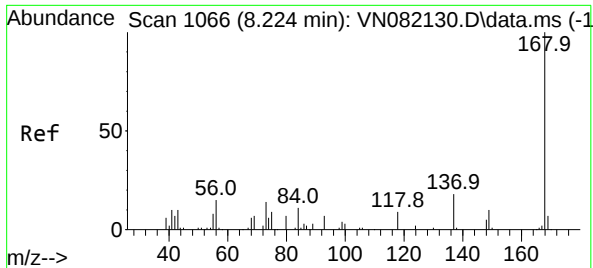
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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11

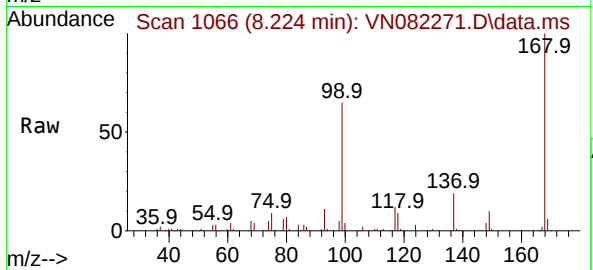
Quant Time: May 22 07:40:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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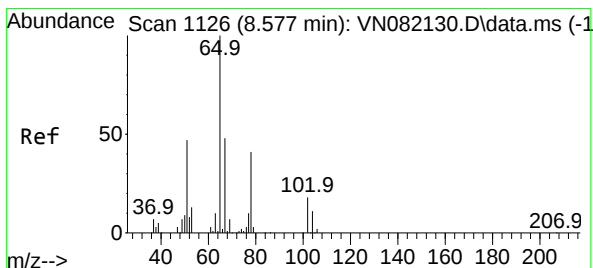
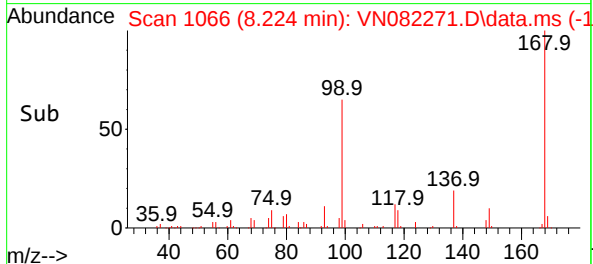
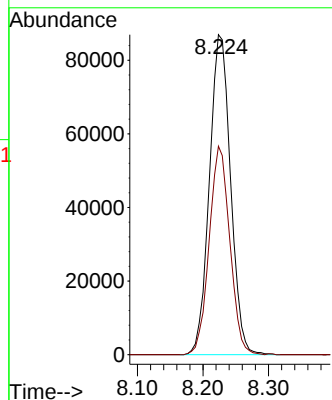


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082271.D
Acq: 22 May 2024 04:21

Instrument :
MSVOA_N
ClientSampleId :
11

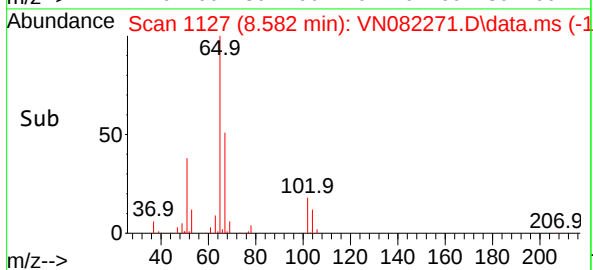
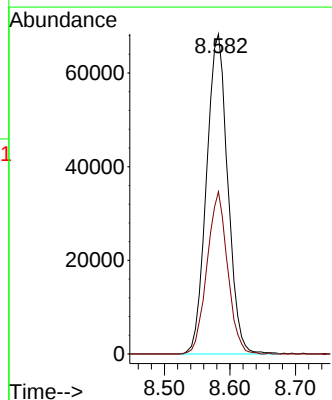
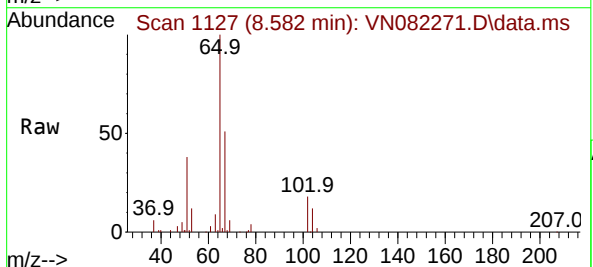


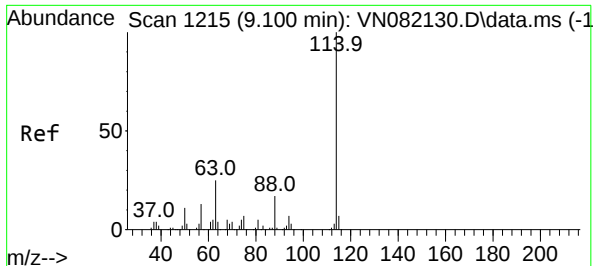
Tgt Ion:168 Resp: 194898
Ion Ratio Lower Upper
168 100
99 65.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.013 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082271.D
Acq: 22 May 2024 04:21

Tgt Ion: 65 Resp: 153913
Ion Ratio Lower Upper
65 100
67 49.0 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: VN082271.D

Acq: 22 May 2024 04:21

Instrument :

MSVOA_N

ClientSampleId :

11

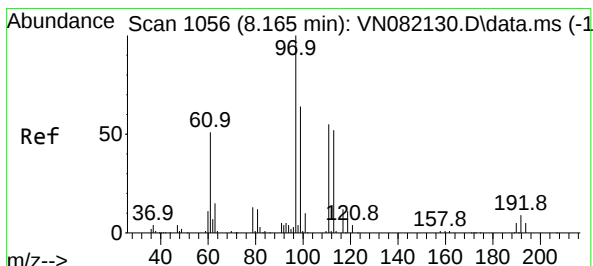
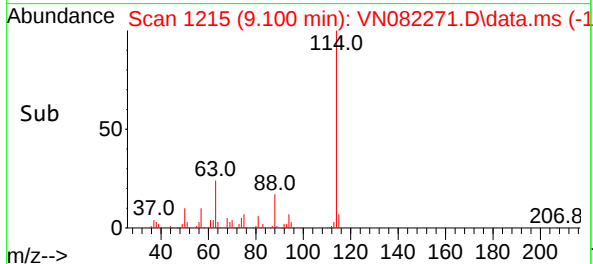
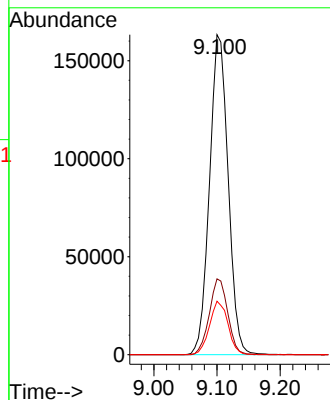
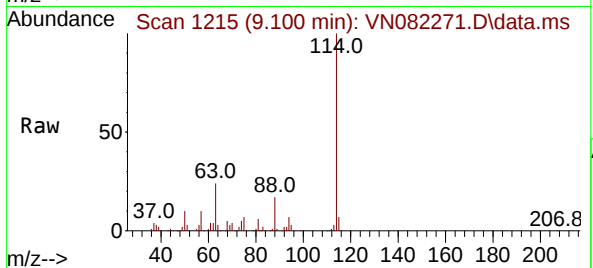
Tgt Ion:114 Resp: 334511

Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.295 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082271.D

Acq: 22 May 2024 04:21

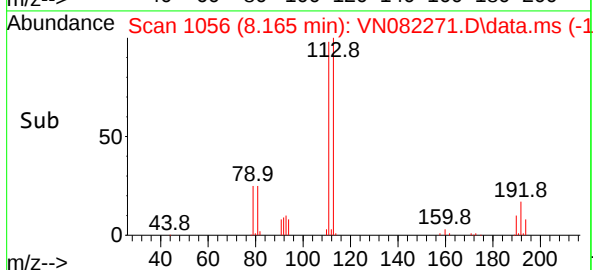
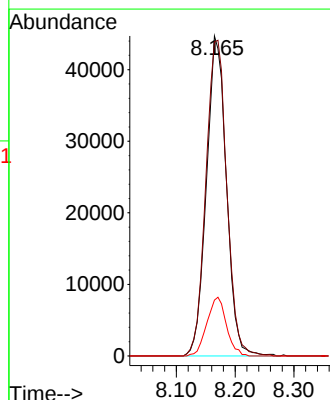
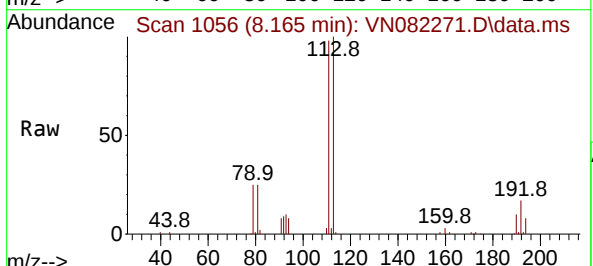
Tgt Ion:113 Resp: 105553

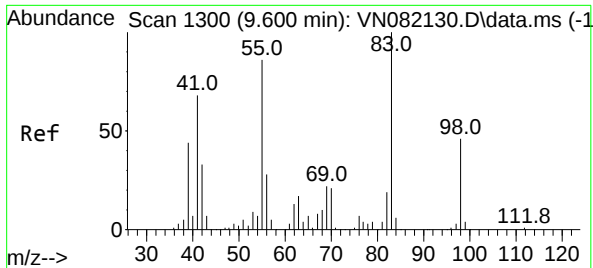
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 17.9 14.0 21.0





#39

Methylcyclohexane

Concen: 1.604 ug/l

RT: 9.594 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082271.D

Acq: 22 May 2024 04:21

Instrument :

MSVOA_N

ClientSampleId :

11

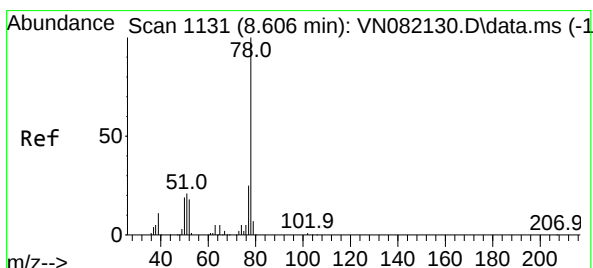
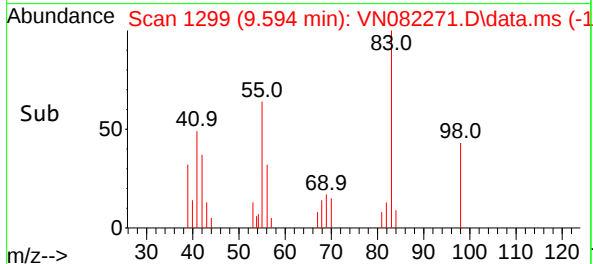
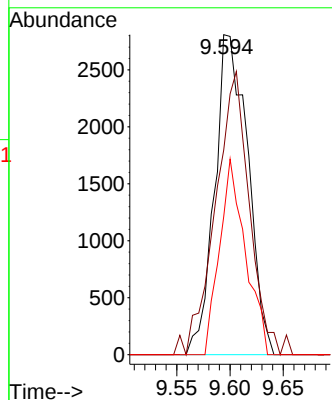
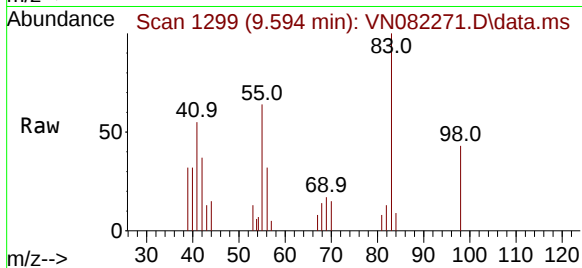
Tgt Ion: 83 Resp: 6066

Ion Ratio Lower Upper

83 100

55 64.0 53.0 79.6

98 43.1 37.1 55.7



#40

Benzene

Concen: 2.298 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082271.D

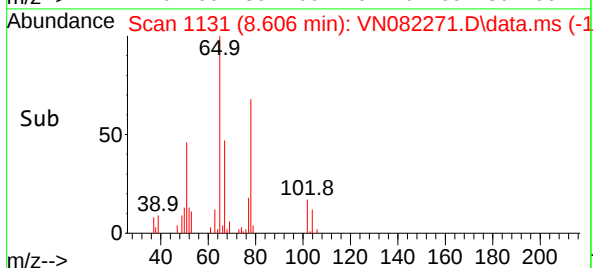
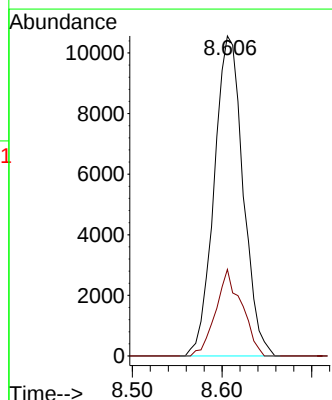
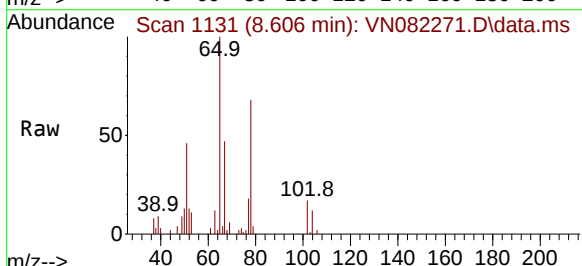
Acq: 22 May 2024 04:21

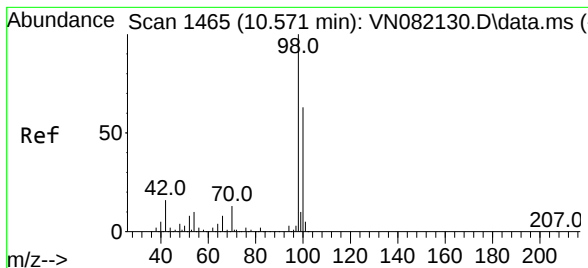
Tgt Ion: 78 Resp: 23646

Ion Ratio Lower Upper

78 100

77 27.1 20.0 30.0

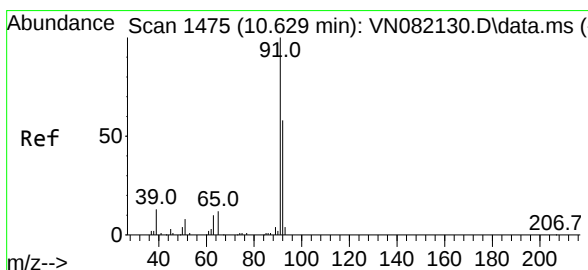
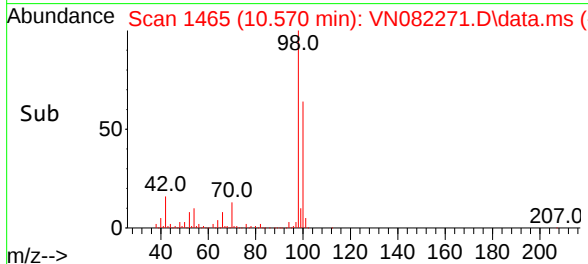
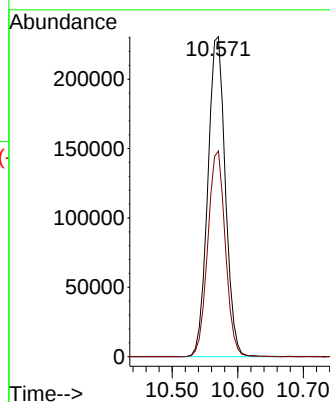
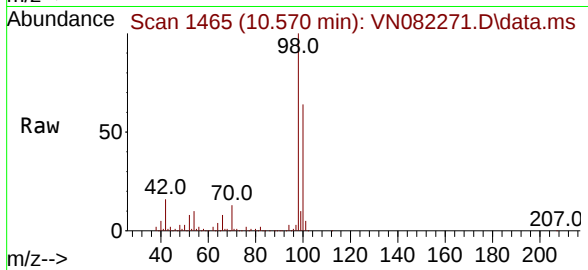




#50
Toluene-d8
Concen: 54.330 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082271.D
Acq: 22 May 2024 04:21

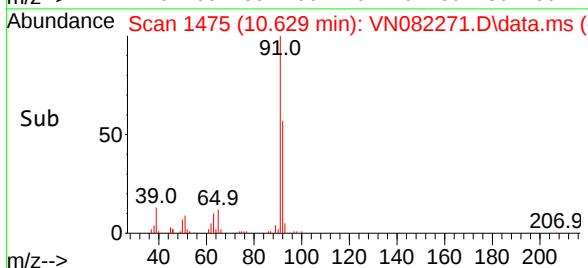
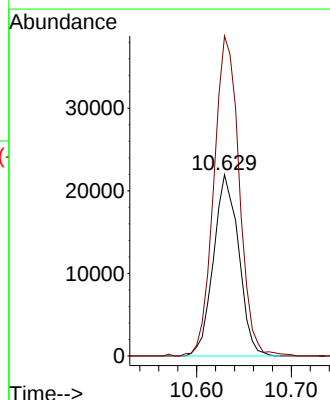
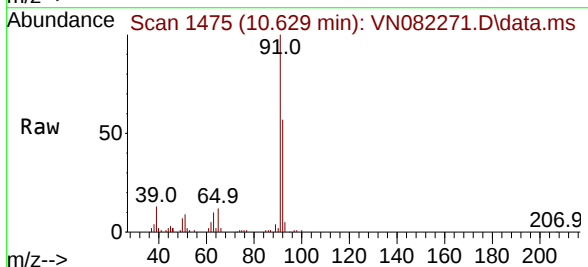
Instrument :
MSVOA_N
ClientSampleId :
11

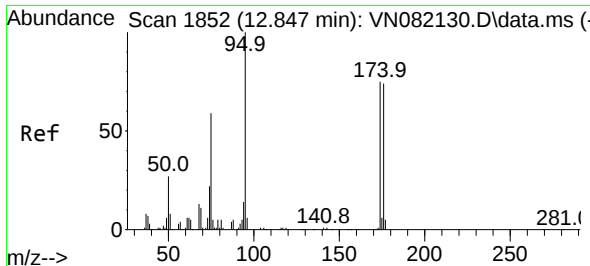
Tgt Ion: 98 Resp: 428625
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#52
Toluene
Concen: 6.580 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082271.D
Acq: 22 May 2024 04:21

Tgt Ion: 92 Resp: 40639
Ion Ratio Lower Upper
92 100
91 177.9 136.7 205.1

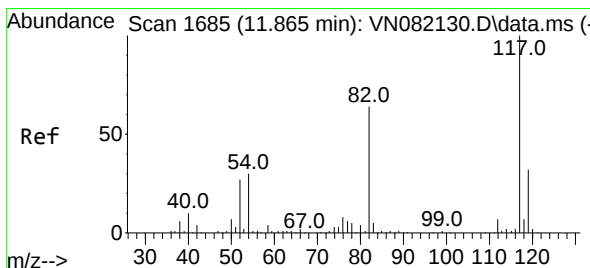
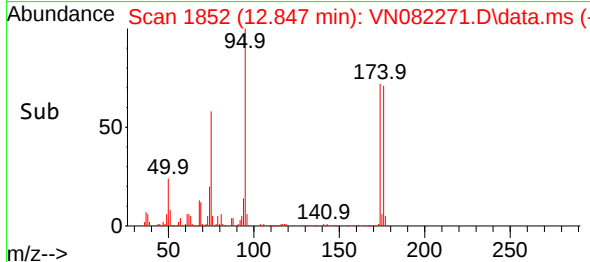
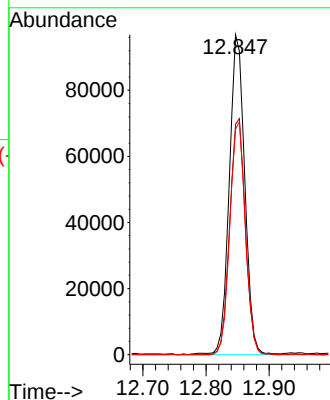
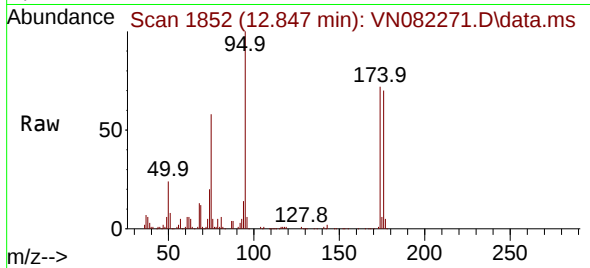




#62
4-Bromofluorobenzene
Concen: 58.604 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082271.D
Acq: 22 May 2024 04:21

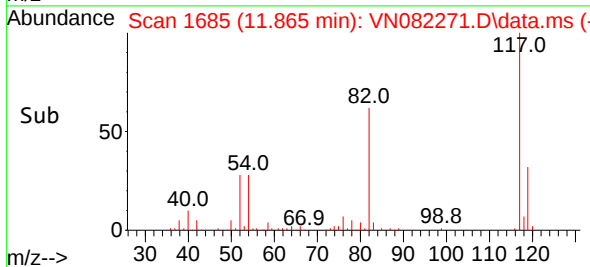
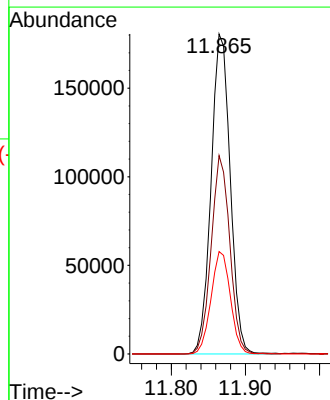
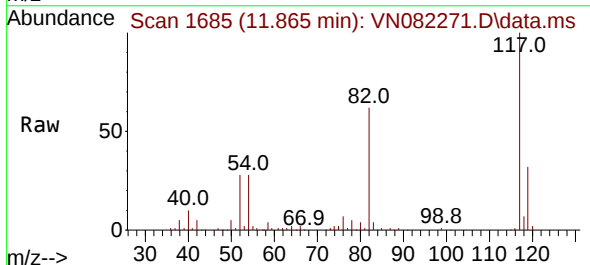
Instrument :
MSVOA_N
ClientSampleId :
11

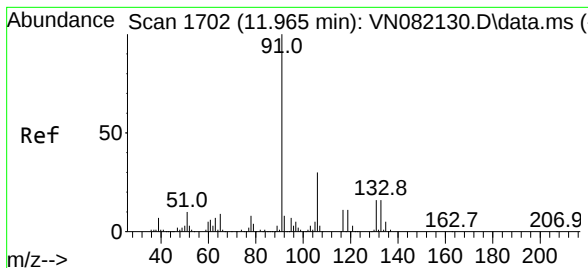
Tgt Ion: 95 Resp: 165021
Ion Ratio Lower Upper
95 100
174 74.3 0.0 160.6
176 72.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082271.D
Acq: 22 May 2024 04:21

Tgt Ion: 117 Resp: 323758
Ion Ratio Lower Upper
117 100
82 62.0 44.6 66.8
119 32.0 25.9 38.9





#67

Ethyl Benzene

Concen: 2.057 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082271.D

Acq: 22 May 2024 04:21

Instrument :

MSVOA_N

ClientSampleId :

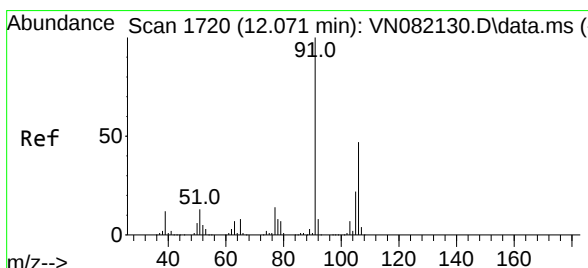
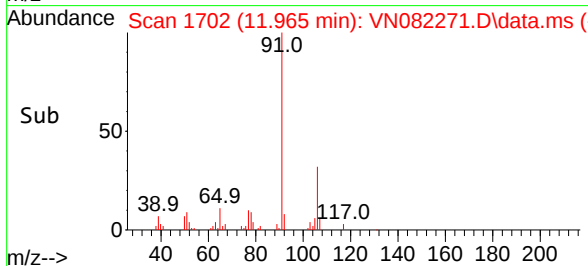
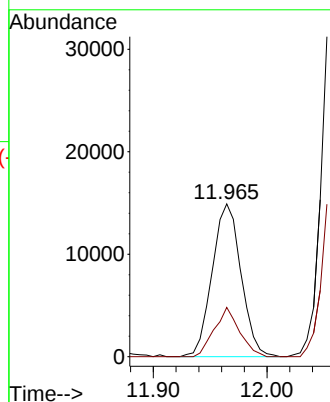
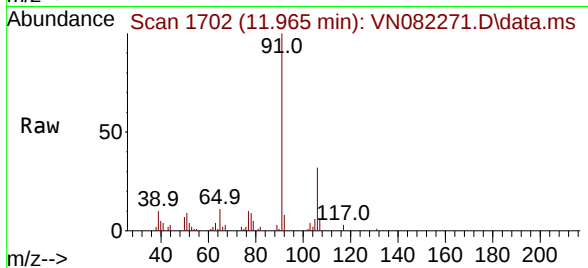
11

Tgt Ion: 91 Resp: 26318

Ion Ratio Lower Upper

91 100

106 32.3 25.3 37.9



#68

m/p-Xylenes

Concen: 12.660 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN082271.D

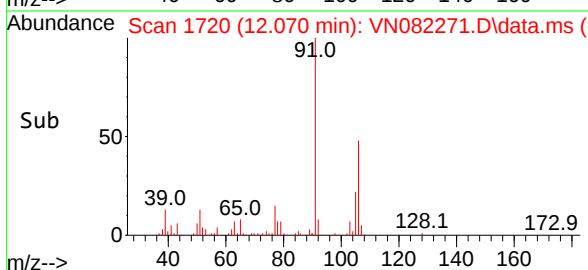
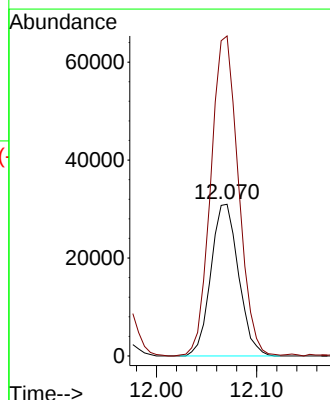
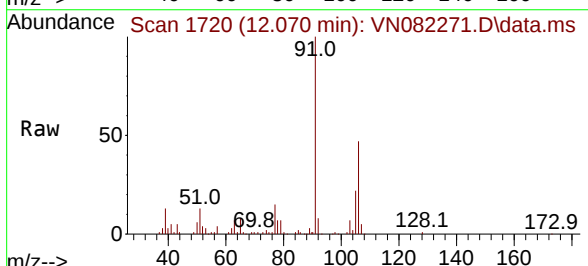
Acq: 22 May 2024 04:21

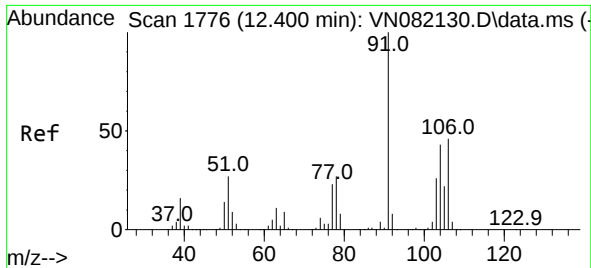
Tgt Ion:106 Resp: 59366

Ion Ratio Lower Upper

106 100

91 210.7 159.4 239.0

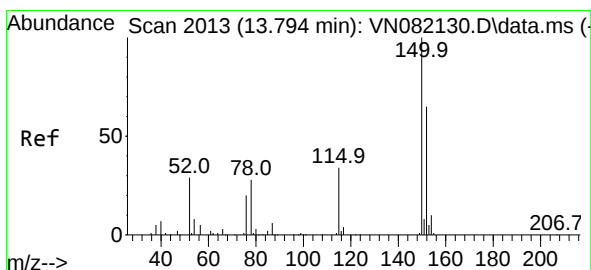
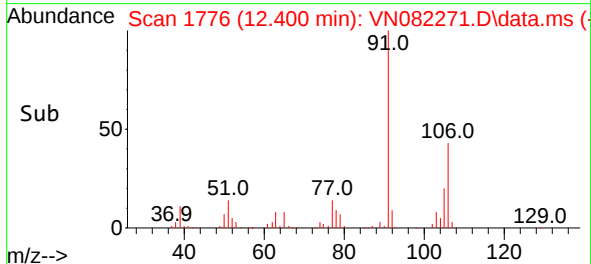
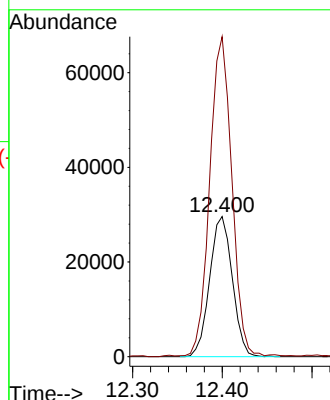
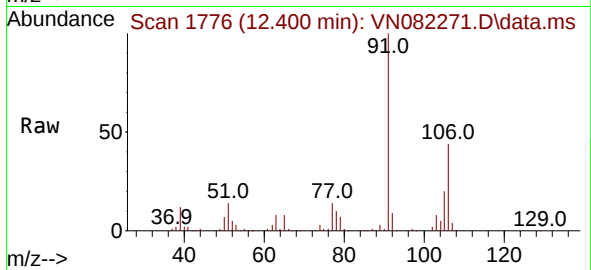




#69
o-Xylene
Concen: 11.436 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082271.D
Acq: 22 May 2024 04:21

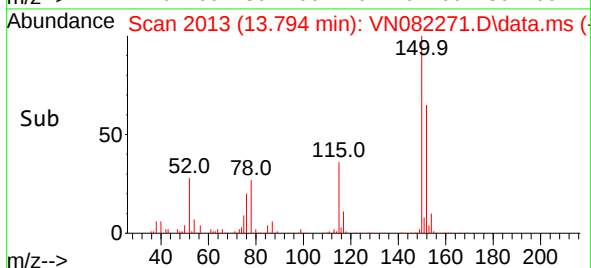
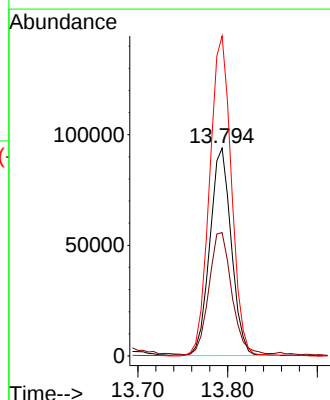
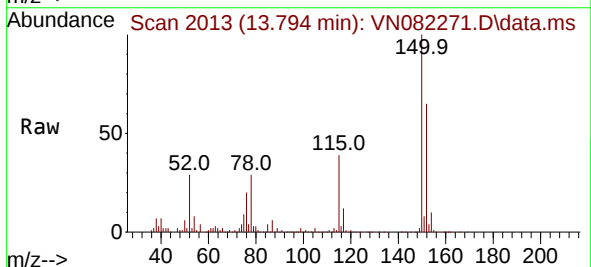
Instrument :
MSVOA_N
ClientSampleId :
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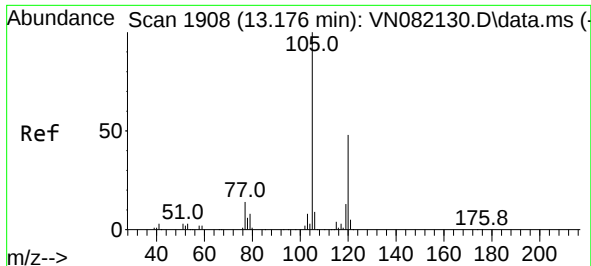
Tgt Ion:106 Resp: 51945
Ion Ratio Lower Upper
106 100
91 221.3 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082271.D
Acq: 22 May 2024 04:21

Tgt Ion:152 Resp: 155486
Ion Ratio Lower Upper
152 100
115 63.2 30.4 91.3
150 156.9 0.0 353.2

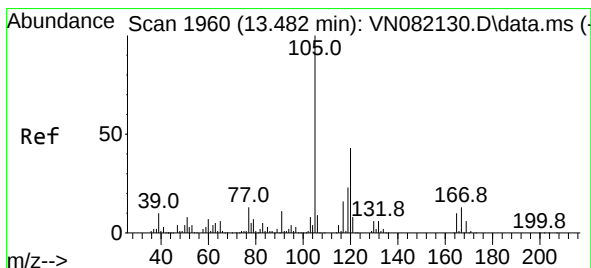
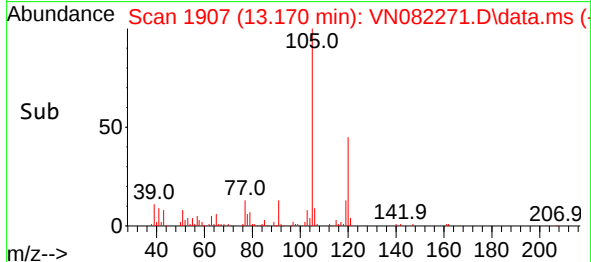
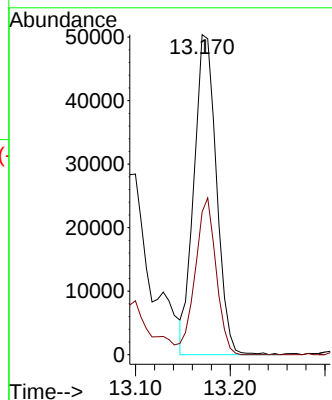
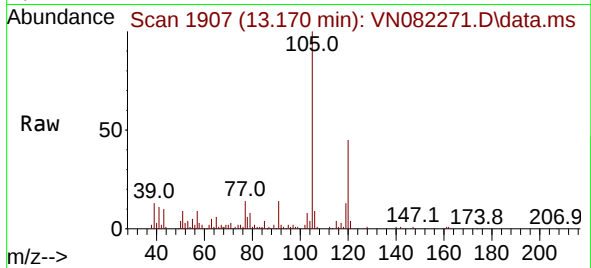




#80
1,3,5-Trimethylbenzene
Concen: 8.315 ug/l
RT: 13.170 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN082271.D
Acq: 22 May 2024 04:21

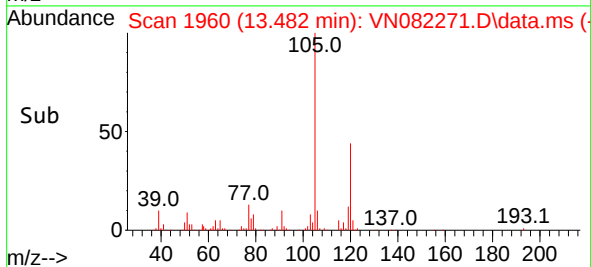
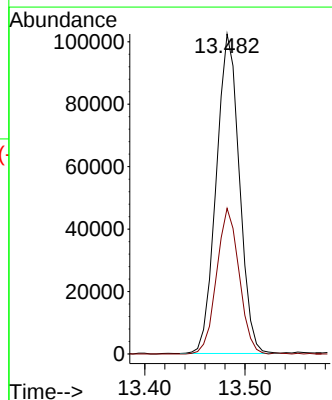
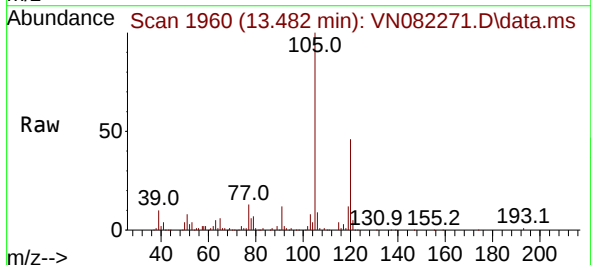
Instrument :
MSVOA_N
ClientSampleId :
11

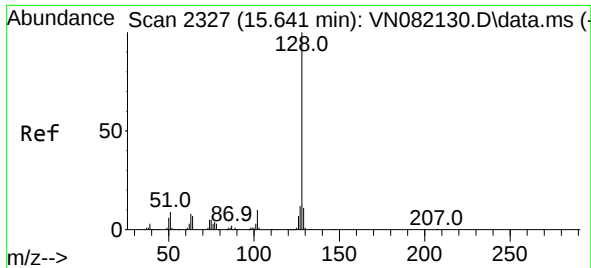
Tgt Ion:105 Resp: 83047
Ion Ratio Lower Upper
105 100
120 45.7 24.8 74.3



#84
1,2,4-Trimethylbenzene
Concen: 16.029 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082271.D
Acq: 22 May 2024 04:21

Tgt Ion:105 Resp: 163796
Ion Ratio Lower Upper
105 100
120 44.2 22.9 68.7





#95

Naphthalene

Concen: 239.292 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082271.D

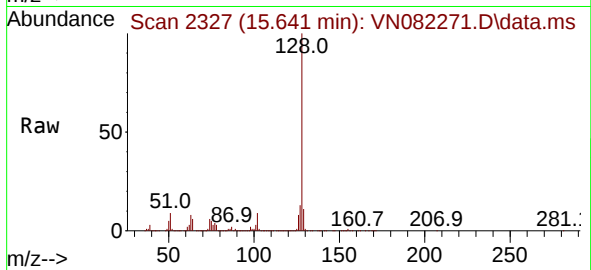
Acq: 22 May 2024 04:21

Instrument :

MSVOA_N

ClientSampleId :

11



Tgt Ion:128 Resp: 2122031

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 11.0 8.9 13.3

