

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082275.D
 Acq On : 22 May 2024 05:57
 Operator : JC\MD
 Sample : P2494-15 40X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 15

Quant Time: May 22 07:42:05 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)

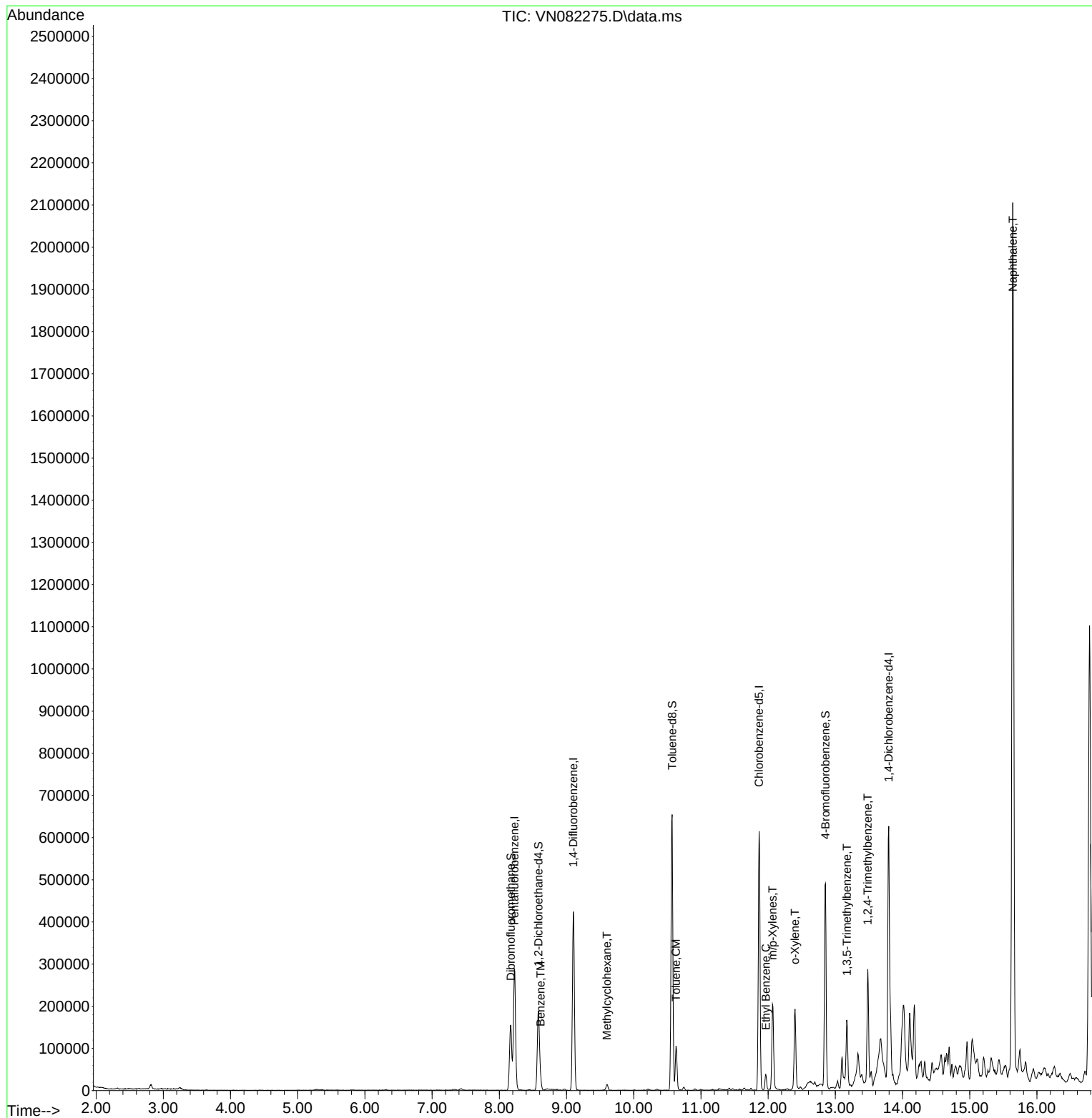
Internal Standards						
1) Pentafluorobenzene	8.224	168	198150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	152672	48.795	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.600%
35) Dibromofluoromethane	8.171	113	107734	51.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.680%
50) Toluene-d8	10.571	98	429887	53.431	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.860%
62) 4-Bromofluorobenzene	12.853	95	160278	55.813	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	111.620%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	5196	1.347	ug/l #	74
40) Benzene	8.612	78	25210	2.402	ug/l	94
52) Toluene	10.630	92	41869	6.648	ug/l	100
67) Ethyl Benzene	11.965	91	25631	2.007	ug/l	89
68) m/p-Xylenes	12.065	106	56283	12.024	ug/l	92
69) o-Xylene	12.400	106	47290	10.430	ug/l	87
80) 1,3,5-Trimethylbenzene	13.171	105	72277	7.557	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	150265	15.357	ug/l	96
95) Naphthalene	15.641	128	1849018	217.752	ug/l	99

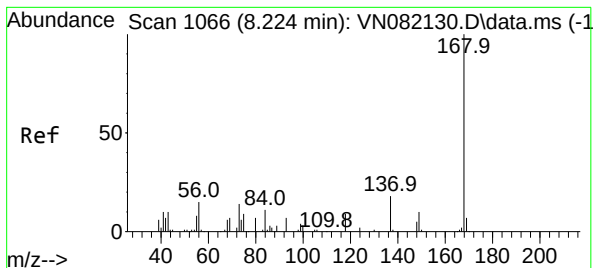
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

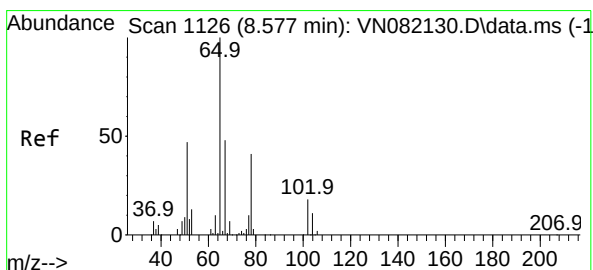
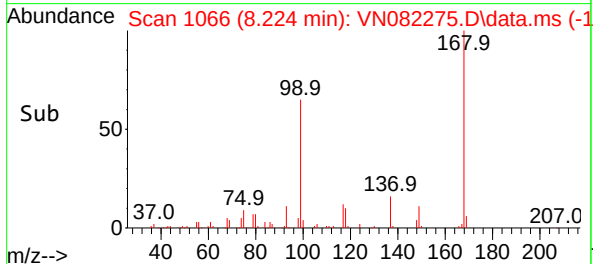
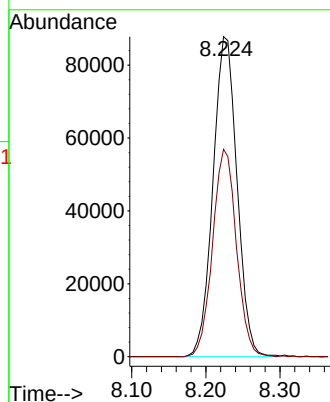
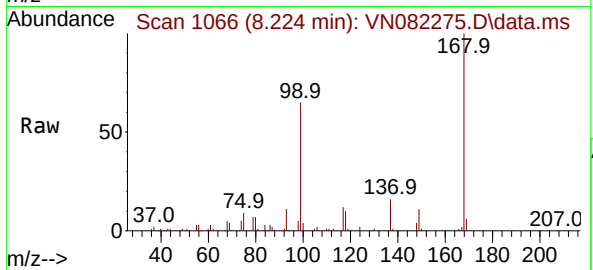




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

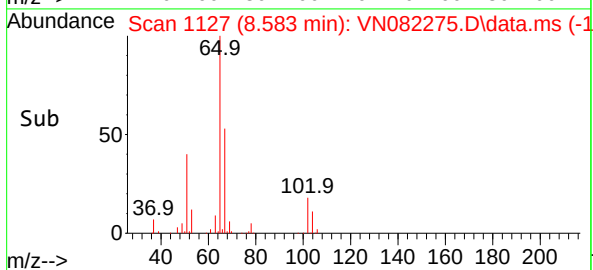
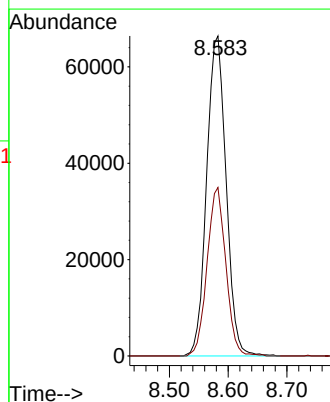
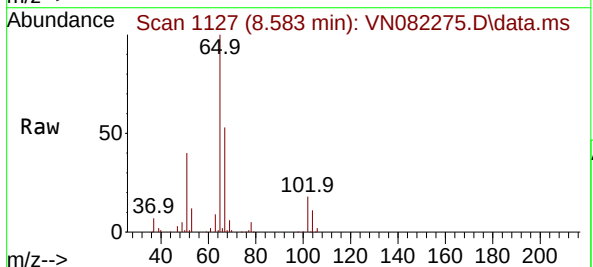
Instrument :
MSVOA_N
ClientSampleId :
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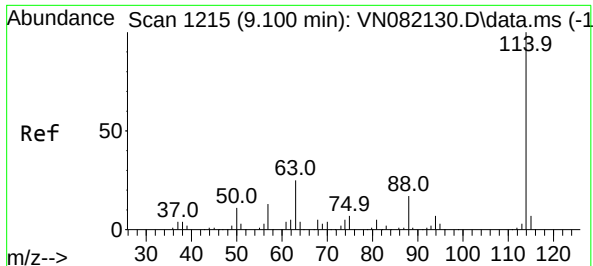
Tgt Ion:168 Resp: 198150
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 48.795 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

Tgt Ion: 65 Resp: 152672
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

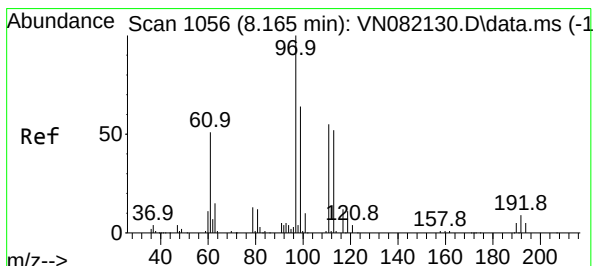
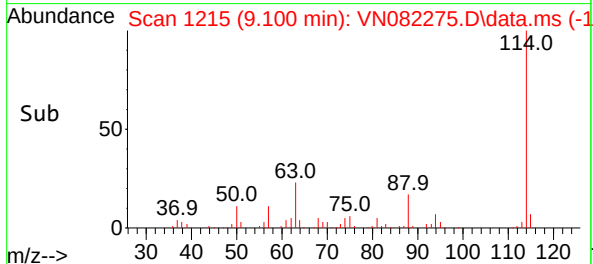
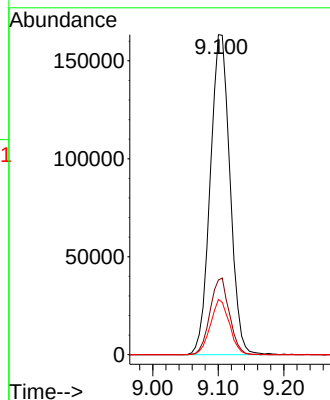
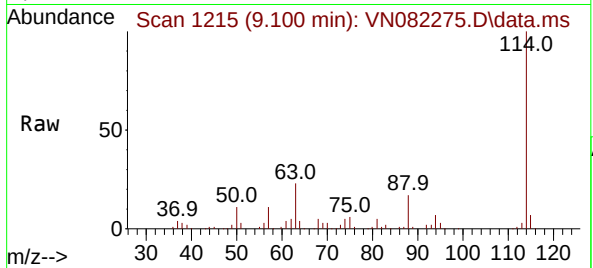




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

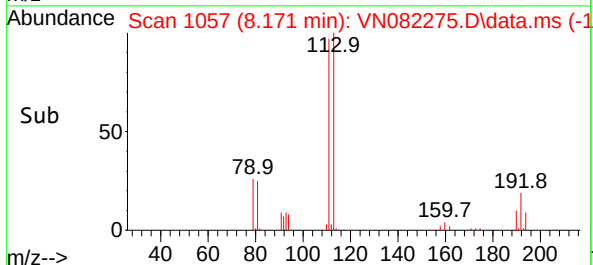
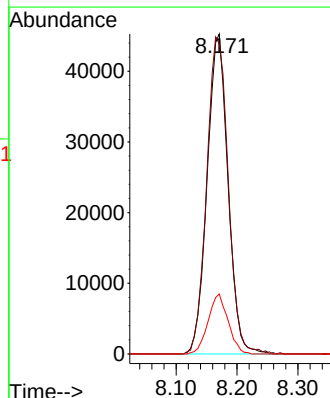
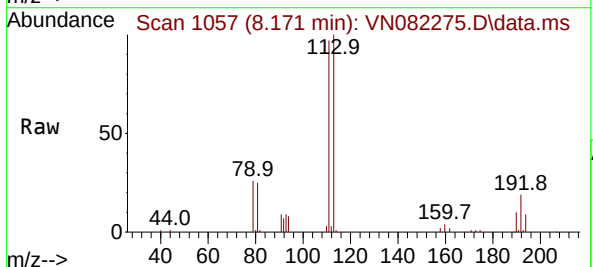
Instrument :
MSVOA_N
ClientSampleId :
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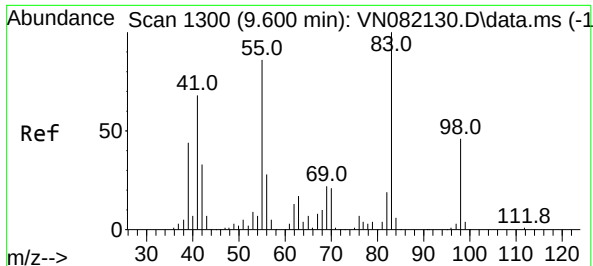
Tgt Ion:114 Resp: 341142
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.0
88 17.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.337 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

Tgt Ion:113 Resp: 107734
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.2
192 18.0 14.0 21.0





#39

Methylcyclohexane

Concen: 1.347 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN082275.D

Acq: 22 May 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

15

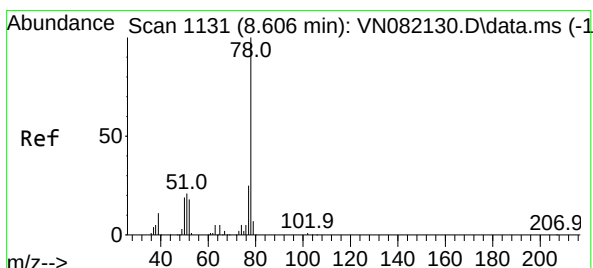
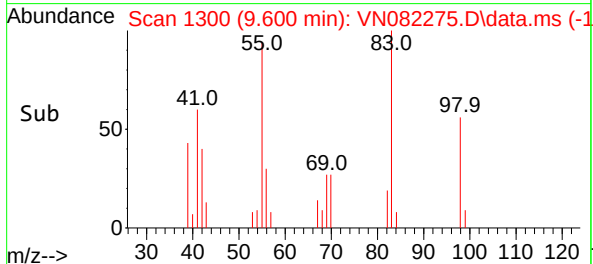
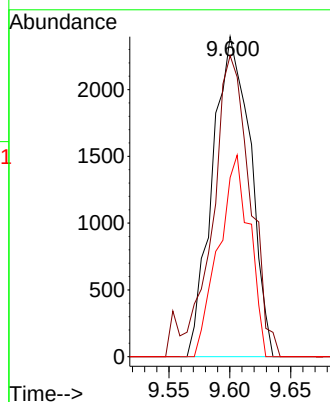
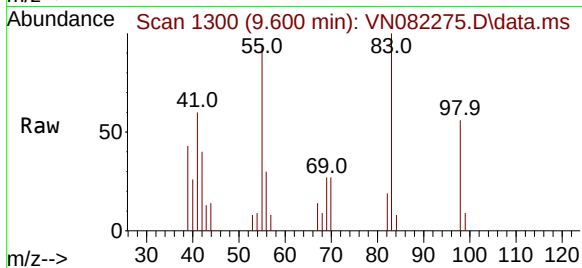
Tgt Ion: 83 Resp: 5196

Ion Ratio Lower Upper

83 100

55 94.1 53.0 79.6#

98 56.0 37.1 55.7#



#40

Benzene

Concen: 2.402 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN082275.D

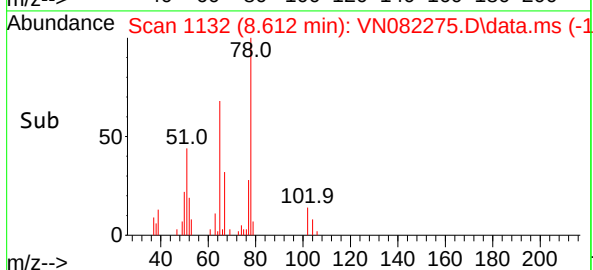
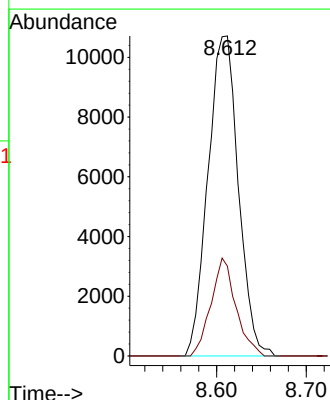
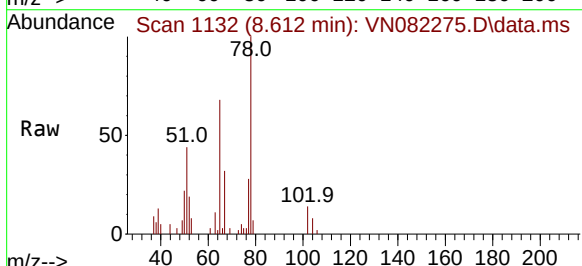
Acq: 22 May 2024 05:57

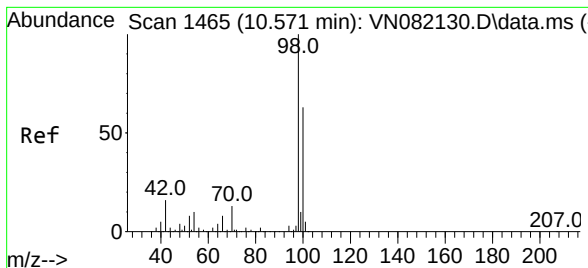
Tgt Ion: 78 Resp: 25210

Ion Ratio Lower Upper

78 100

77 28.0 20.0 30.0

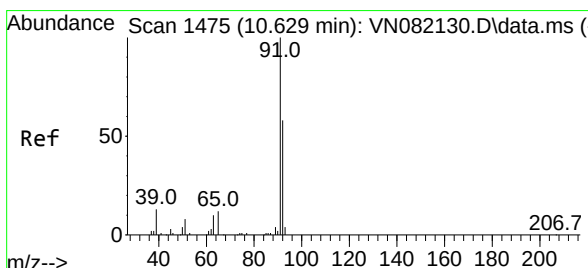
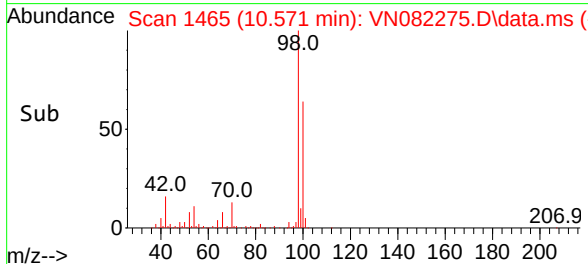
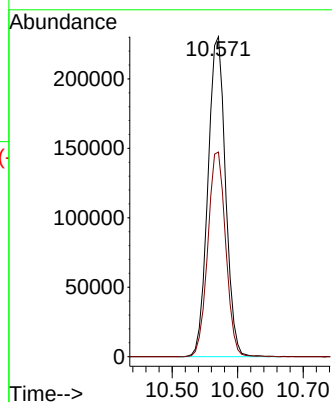
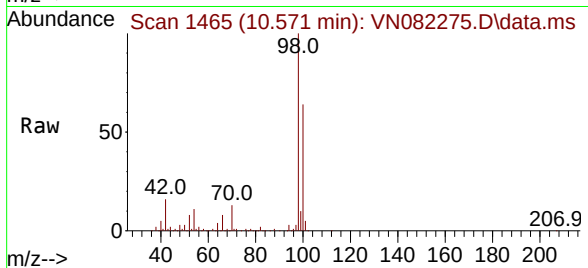




#50
Toluene-d8
Concen: 53.431 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

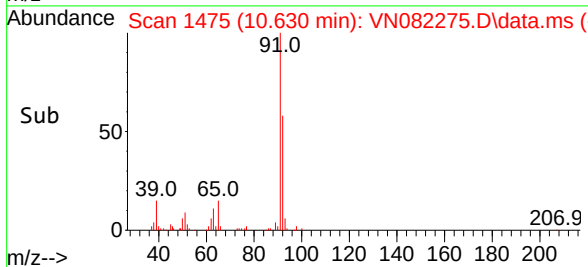
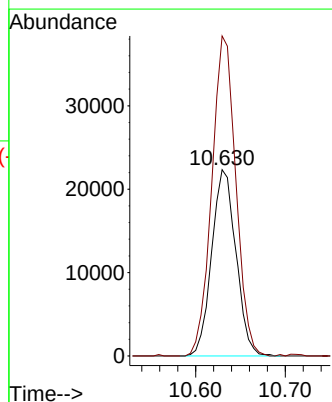
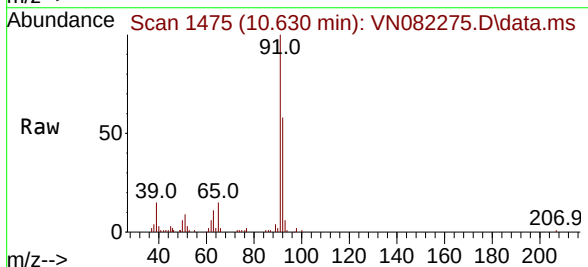
Instrument :
MSVOA_N
ClientSampleId :
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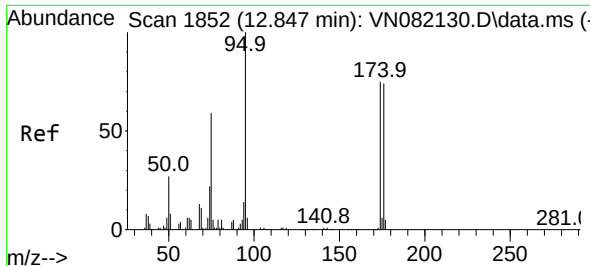
Tgt Ion: 98 Resp: 429887
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#52
Toluene
Concen: 6.648 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

Tgt Ion: 92 Resp: 41869
Ion Ratio Lower Upper
92 100
91 170.6 136.7 205.1

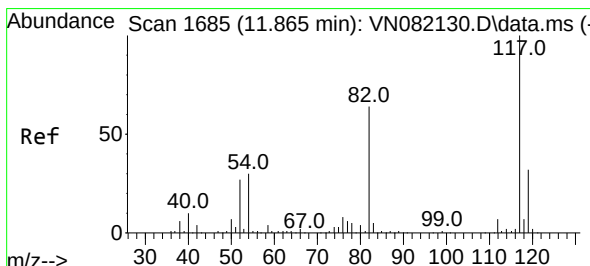
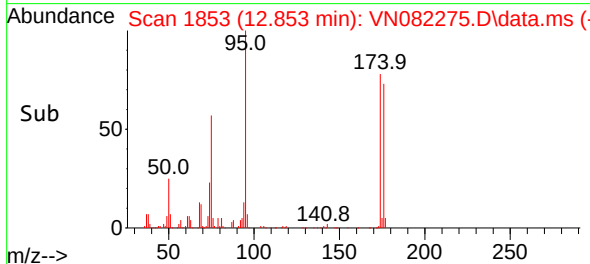
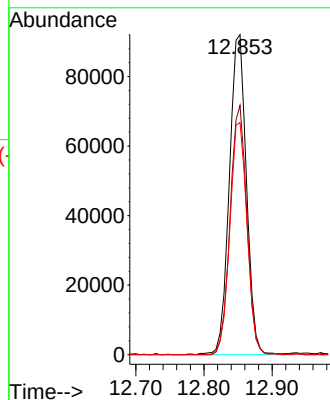
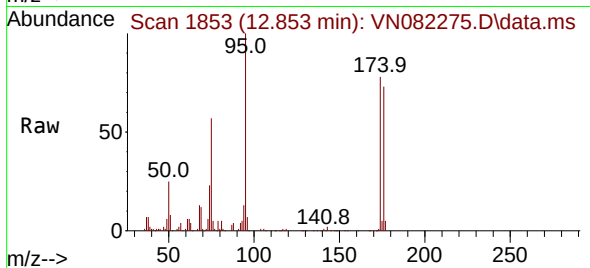




#62
4-Bromofluorobenzene
Concen: 55.813 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

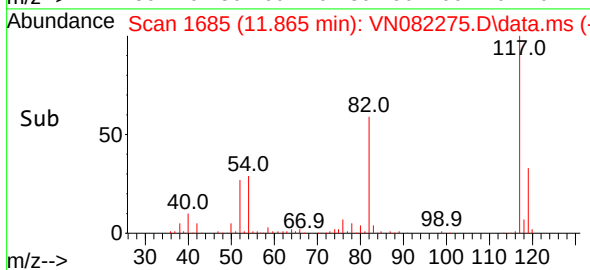
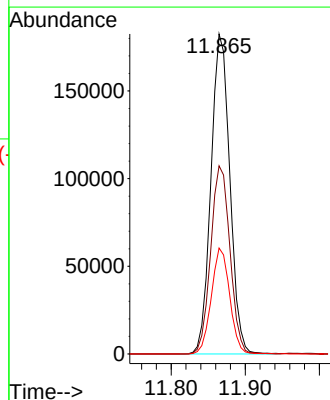
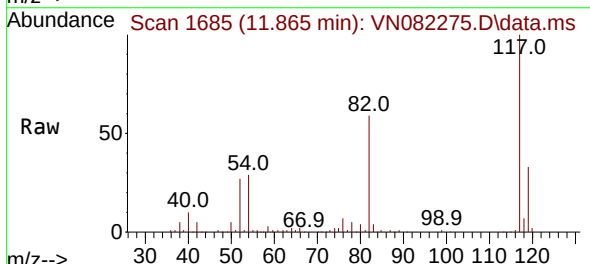
Instrument :
MSVOA_N
ClientSampleId :
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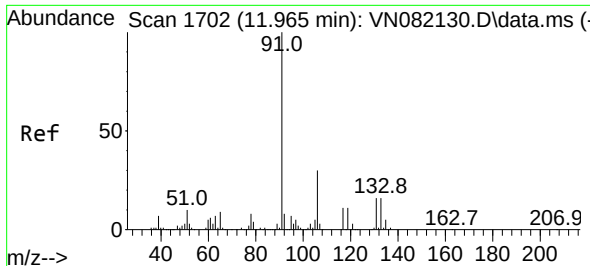
Tgt Ion: 95 Resp: 160278
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.6
176 72.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

Tgt Ion: 117 Resp: 323178
Ion Ratio Lower Upper
117 100
82 58.8 44.6 66.8
119 33.1 25.9 38.9

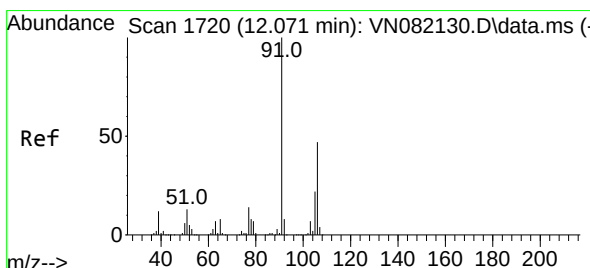
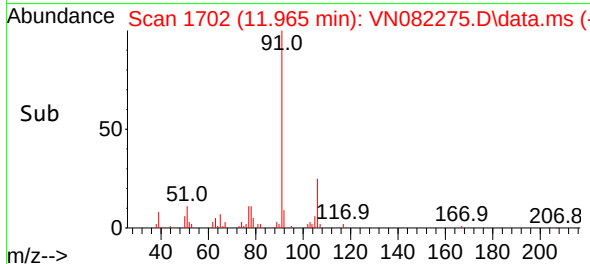
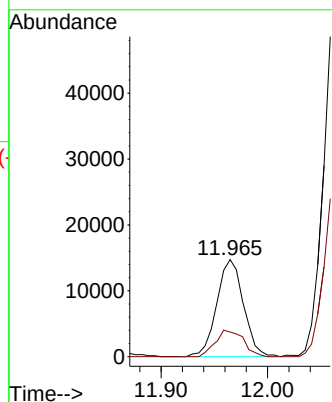
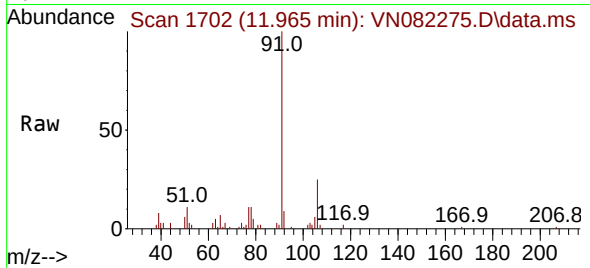




#67
Ethyl Benzene
Concen: 2.007 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

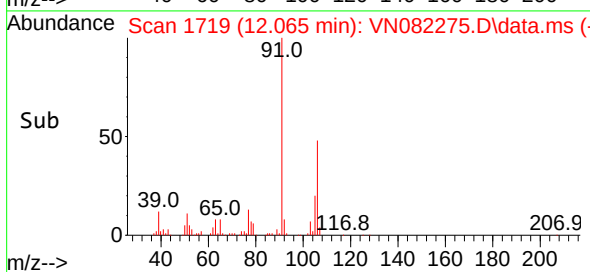
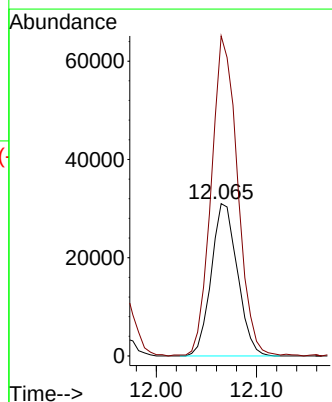
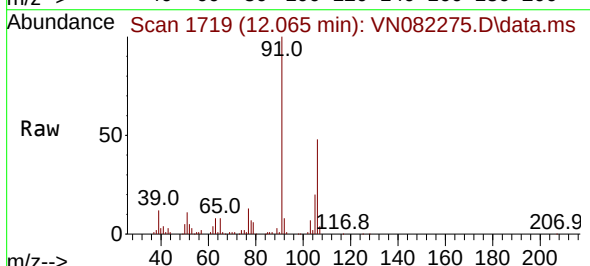
Instrument :
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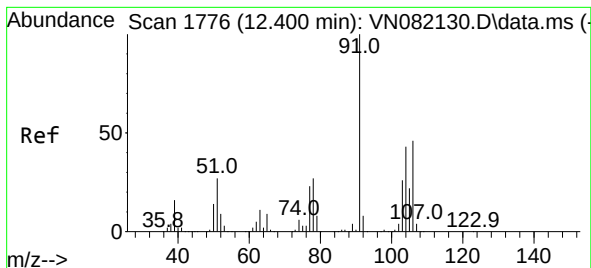
Tgt Ion: 91 Resp: 25631
Ion Ratio Lower Upper
91 100
106 25.3 25.3 37.9



#68
m/p-Xylenes
Concen: 12.024 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

Tgt Ion:106 Resp: 56283
Ion Ratio Lower Upper
106 100
91 211.3 159.4 239.0





#69

o-Xylene

Concen: 10.430 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082275.D

Acq: 22 May 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

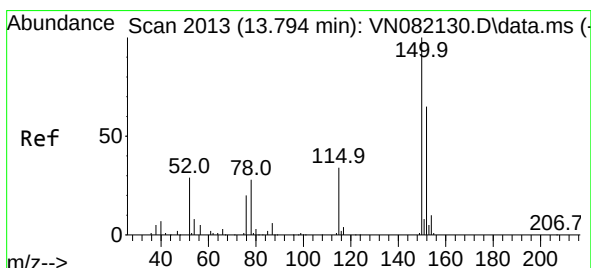
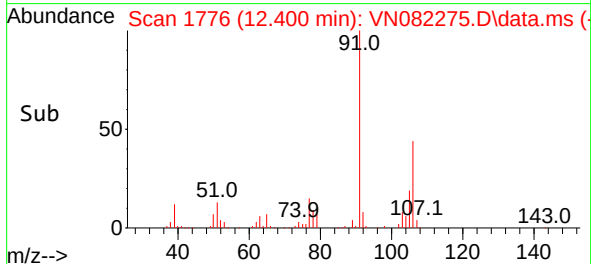
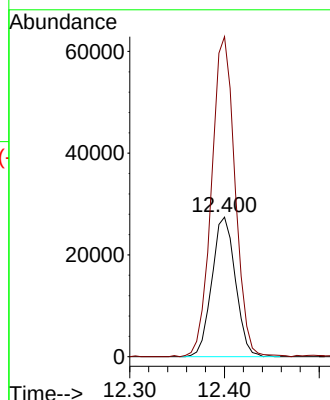
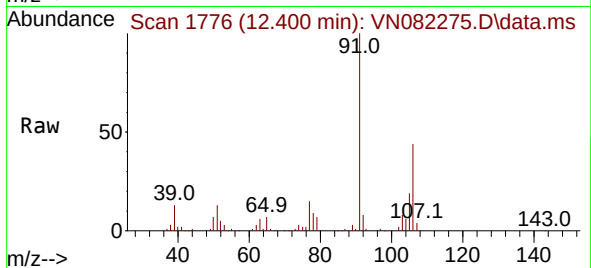
15

Tgt Ion:106 Resp: 47290

Ion Ratio Lower Upper

106 100

91 229.4 104.7 314.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082275.D

Acq: 22 May 2024 05:57

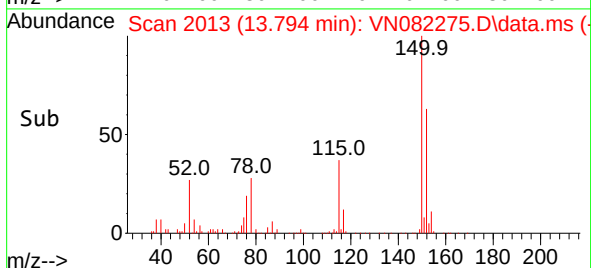
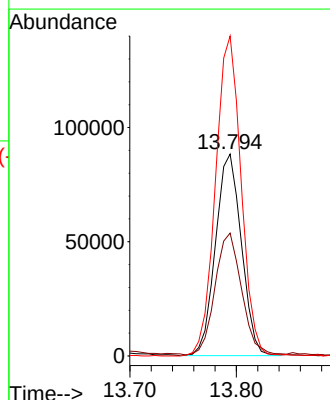
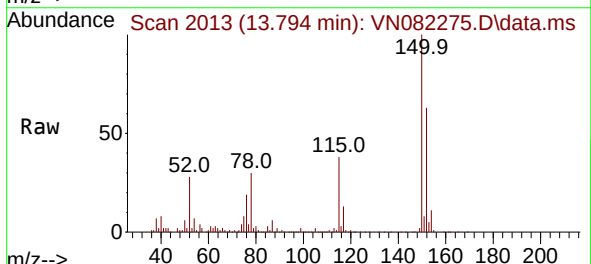
Tgt Ion:152 Resp: 148884

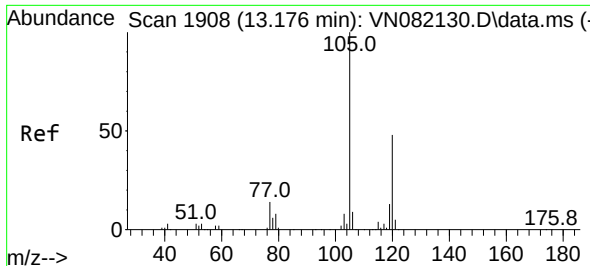
Ion Ratio Lower Upper

152 100

115 62.0 30.4 91.3

150 156.9 0.0 353.2

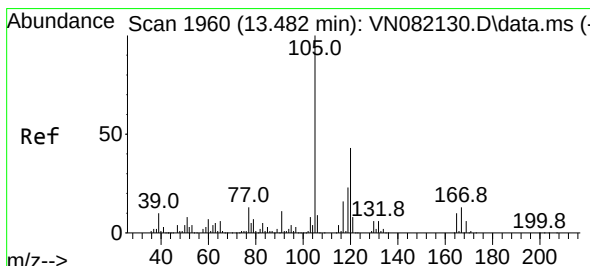
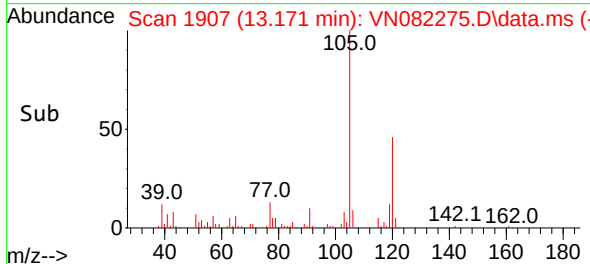
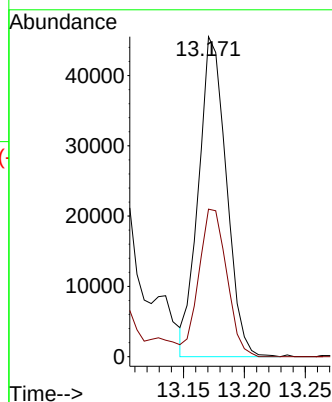
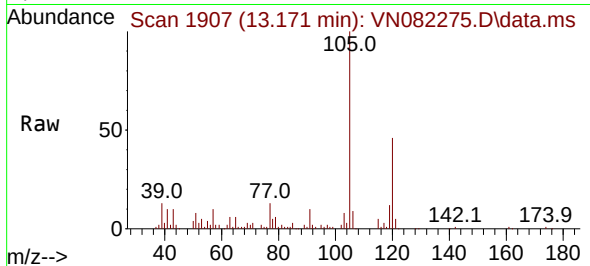




#80
 1,3,5-Trimethylbenzene
 Concen: 7.557 ug/l
 RT: 13.171 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VN082275.D
 Acq: 22 May 2024 05:57

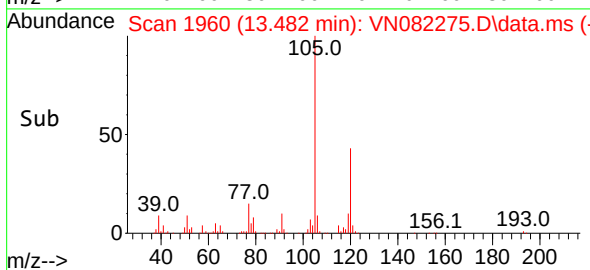
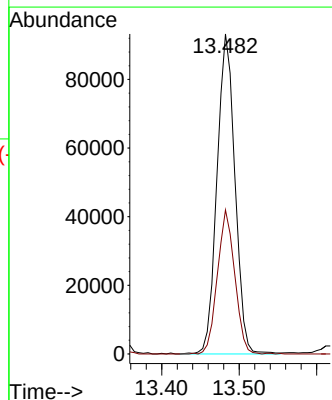
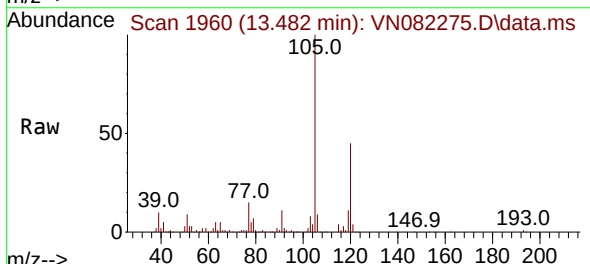
Instrument :
 MSVOA_N
 ClientSampleId :
 15

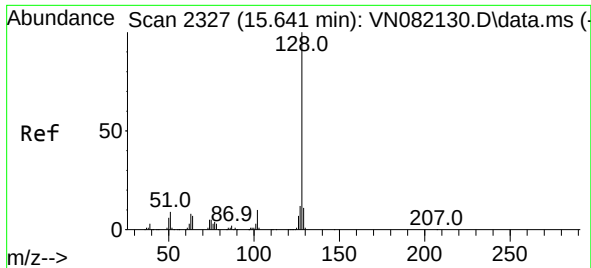
Tgt Ion:105 Resp: 72277
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.8 74.3



#84
 1,2,4-Trimethylbenzene
 Concen: 15.357 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082275.D
 Acq: 22 May 2024 05:57

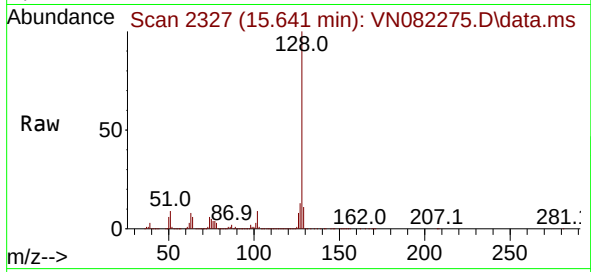
Tgt Ion:105 Resp: 150265
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.9 68.7





#95
Naphthalene
Concen: 217.752 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082275.D
Acq: 22 May 2024 05:57

Instrument :
MSVOA_N
ClientSampleId :
15



Tgt Ion:128 Resp: 1849018
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.8 8.9 13.3

