

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082274.D
 Acq On : 22 May 2024 05:33
 Operator : JC\MD
 Sample : P2494-14 40X
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14

Quant Time: May 22 07:41:34 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)

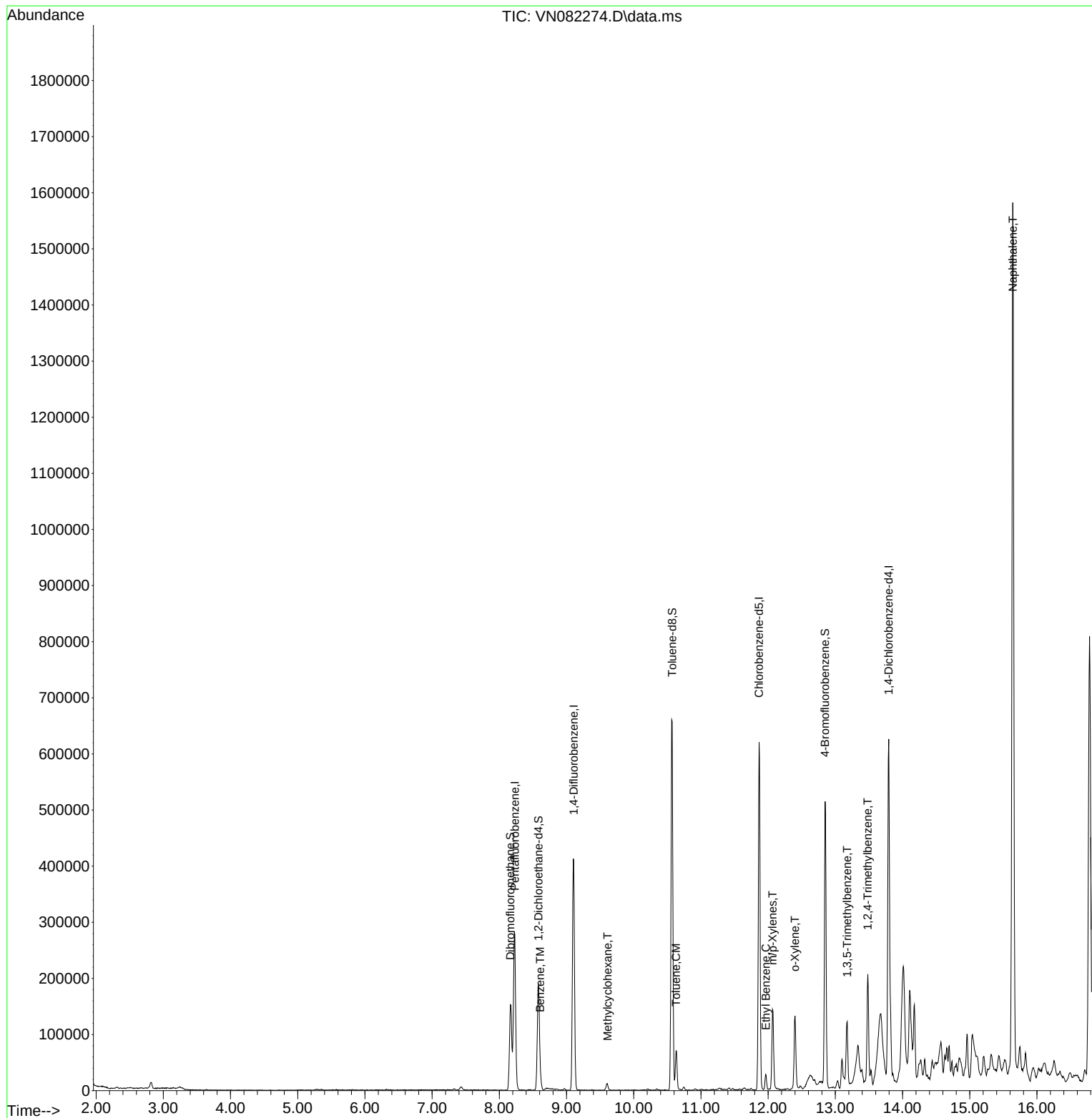
Internal Standards						
1) Pentafluorobenzene	8.230	168	197449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	151518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154373	49.514	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.020%
35) Dibromofluoromethane	8.165	113	107109	51.045	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.080%
50) Toluene-d8	10.571	98	434367	53.993	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.847	95	165332	57.579	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	115.160%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.612	83	4645	1.204	ug/l	92
40) Benzene	8.606	78	16493	1.572	ug/l	94
52) Toluene	10.630	92	27425	4.355	ug/l	94
67) Ethyl Benzene	11.965	91	18015	1.393	ug/l	93
68) m/p-Xylenes	12.065	106	38825	8.193	ug/l	90
69) o-Xylene	12.400	106	33805	7.365	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	54320	5.581	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	108446	10.890	ug/l	97
95) Naphthalene	15.641	128	1364622	157.913	ug/l	99

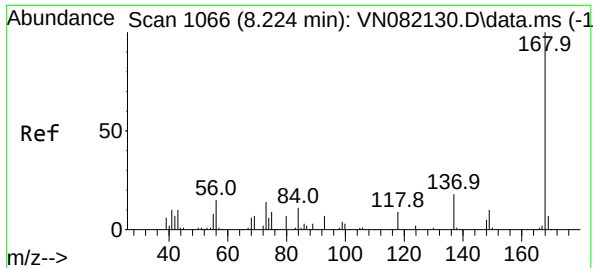
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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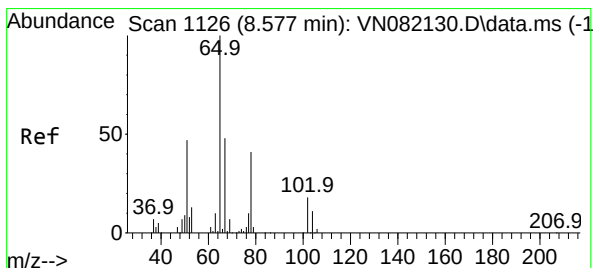
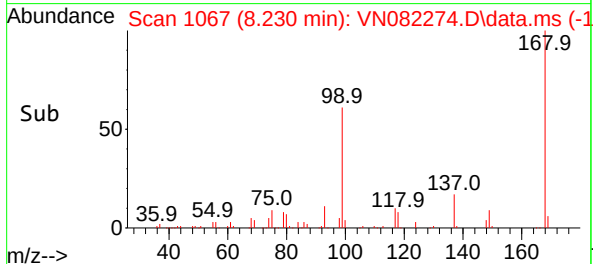
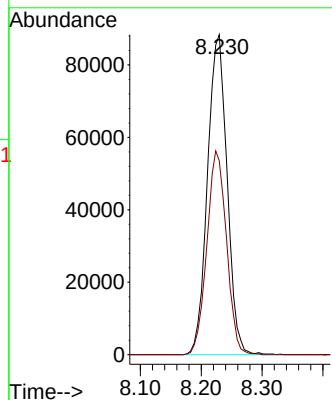
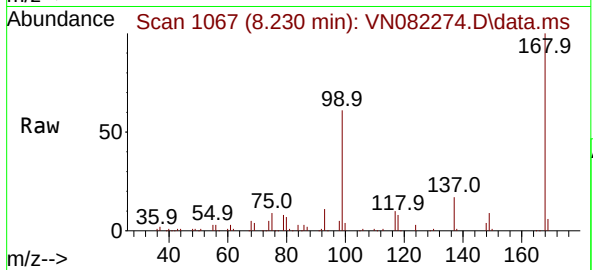




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

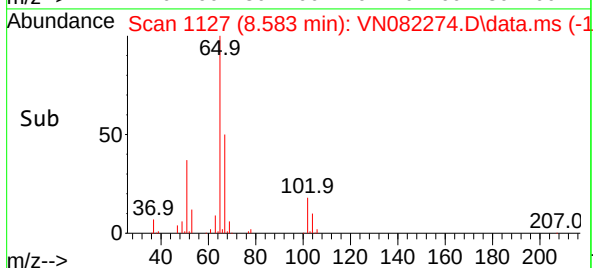
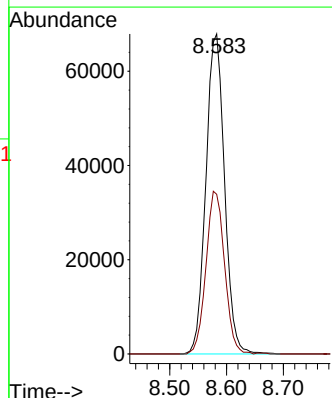
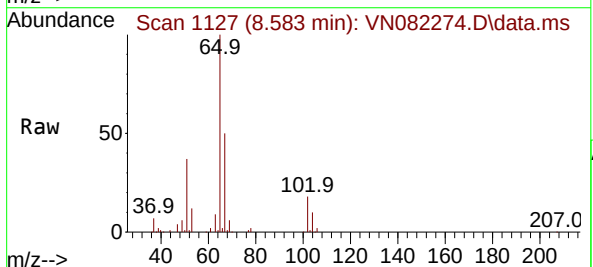
Instrument :
MSVOA_N
ClientSampleId :
14

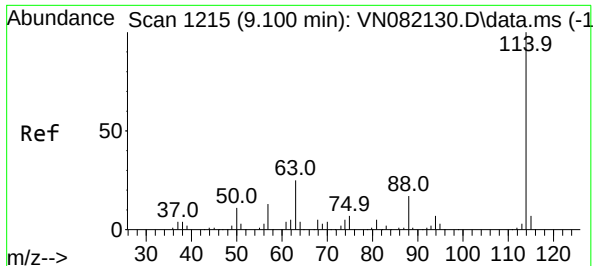
Tgt Ion:168 Resp: 197449
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.514 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

Tgt Ion: 65 Resp: 154373
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

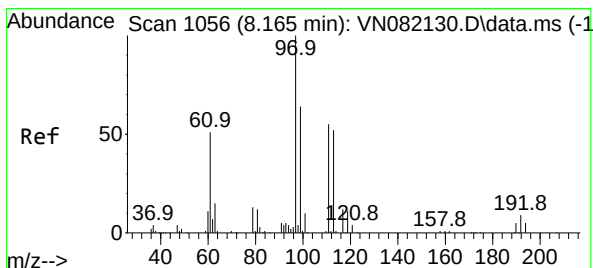
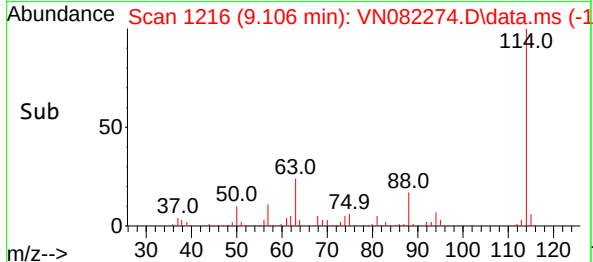
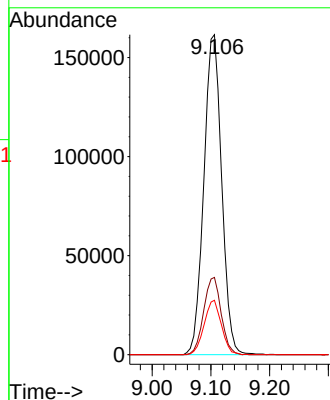
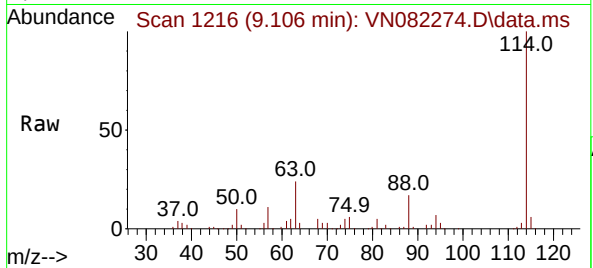




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

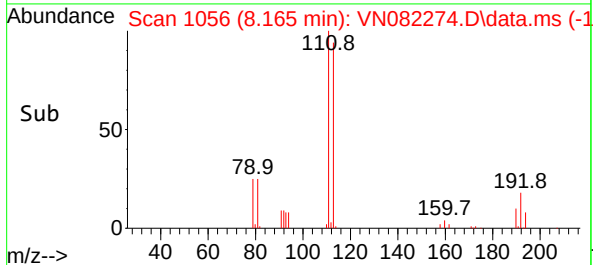
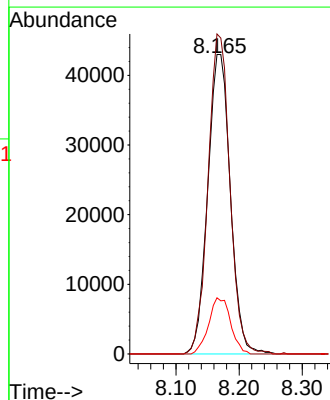
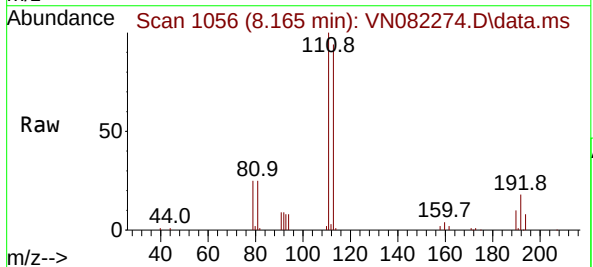
Instrument :
MSVOA_N
ClientSampleId :
14

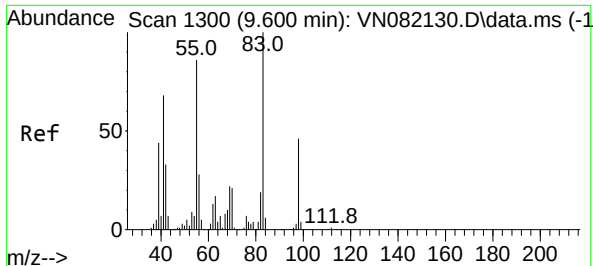
Tgt Ion:114 Resp: 341106
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.0
88 17.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.045 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

Tgt Ion:113 Resp: 107109
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 18.2 14.0 21.0





#39

Methylcyclohexane

Concen: 1.204 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VN082274.D

Acq: 22 May 2024 05:33

Instrument :

MSVOA_N

ClientSampleId :

14

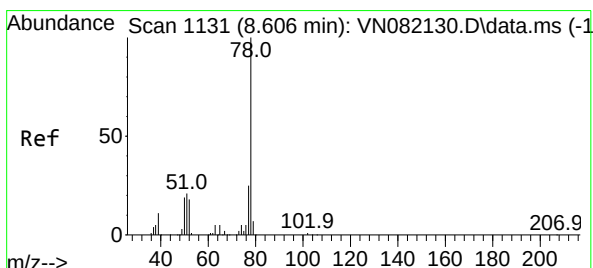
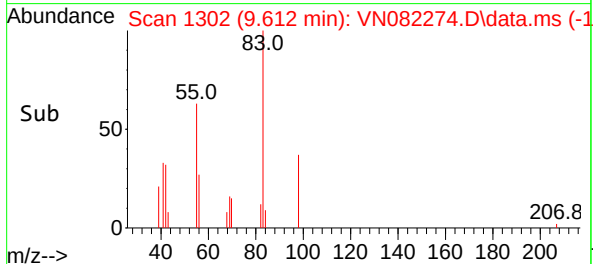
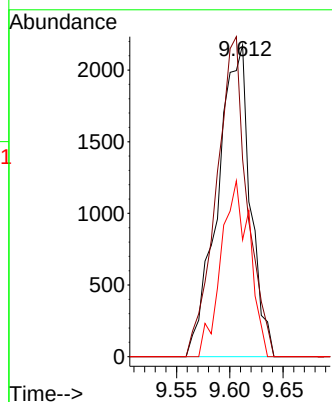
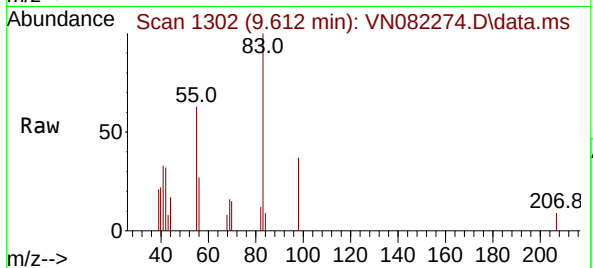
Tgt Ion: 83 Resp: 4645

Ion Ratio Lower Upper

83 100

55 63.4 53.0 79.6

98 37.5 37.1 55.7



#40

Benzene

Concen: 1.572 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082274.D

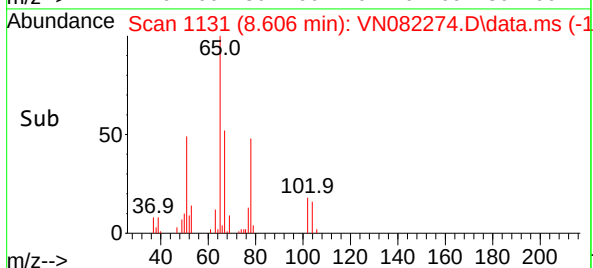
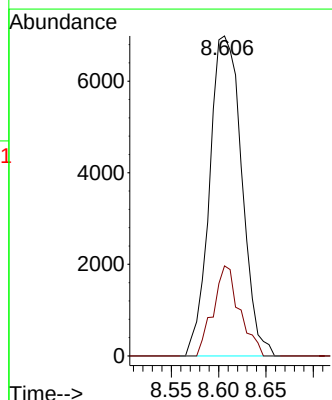
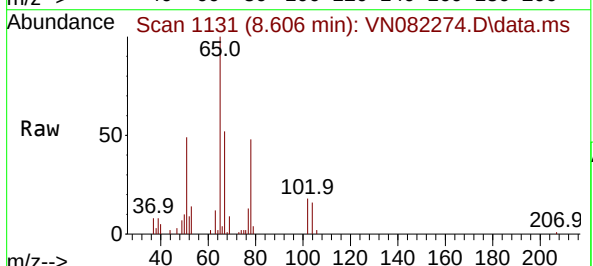
Acq: 22 May 2024 05:33

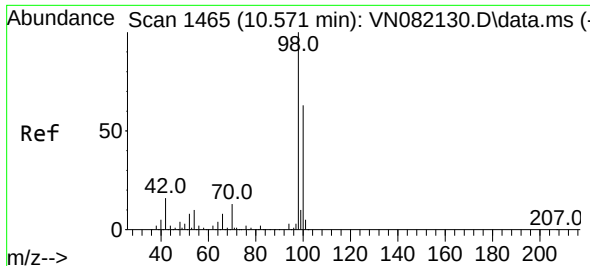
Tgt Ion: 78 Resp: 16493

Ion Ratio Lower Upper

78 100

77 28.2 20.0 30.0

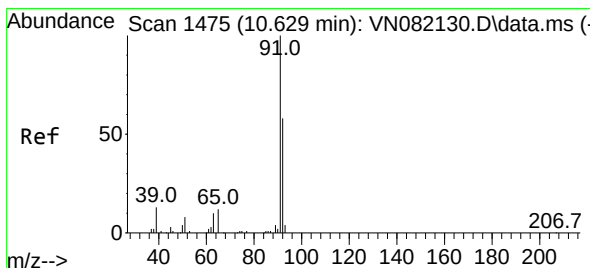
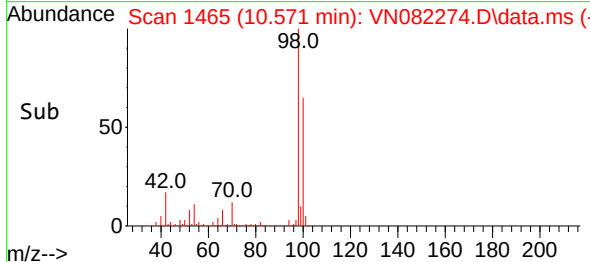
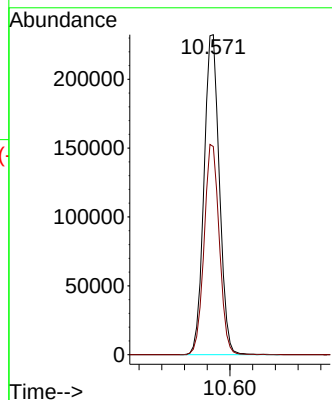
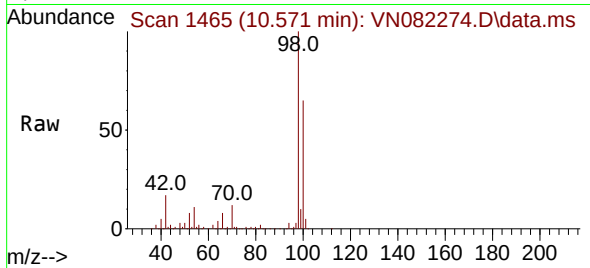




#50
Toluene-d8
Concen: 53.993 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

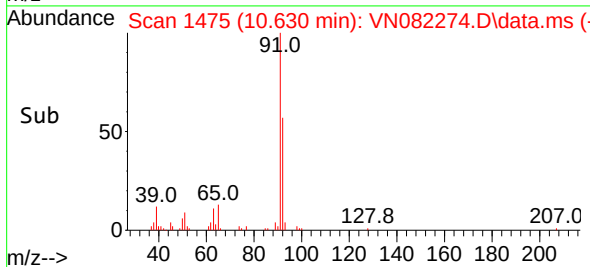
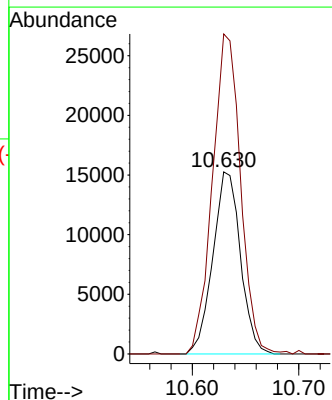
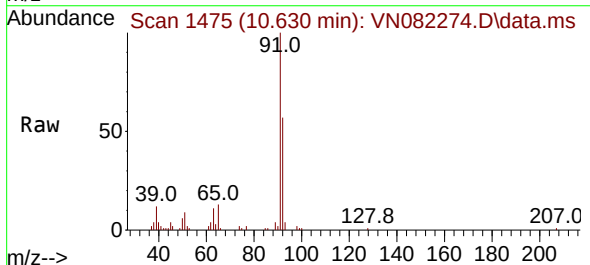
Instrument :
MSVOA_N
ClientSampleId :
14

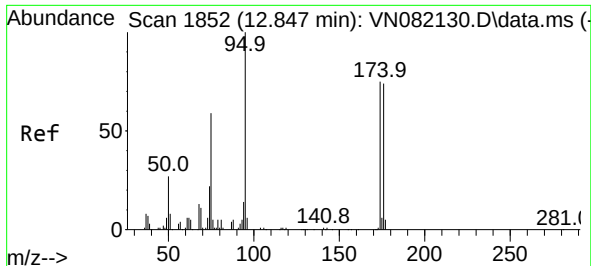
Tgt Ion: 98 Resp: 434367
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#52
Toluene
Concen: 4.355 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

Tgt Ion: 92 Resp: 27425
Ion Ratio Lower Upper
92 100
91 179.0 136.7 205.1

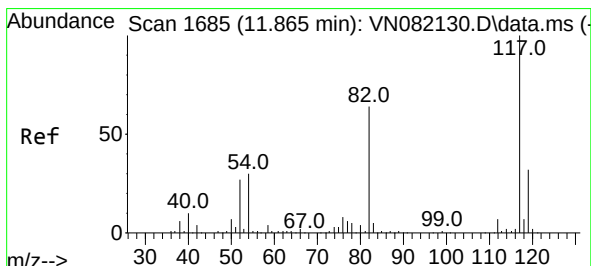
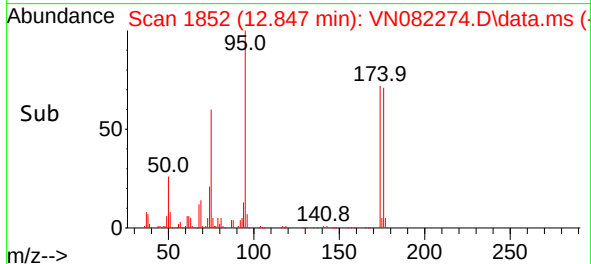
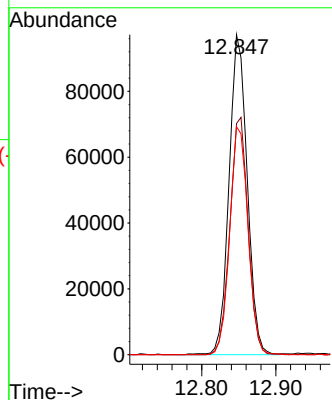
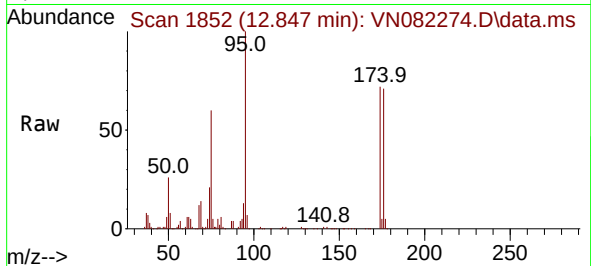




#62
4-Bromofluorobenzene
Concen: 57.579 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

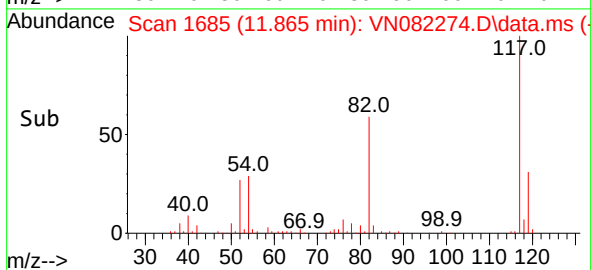
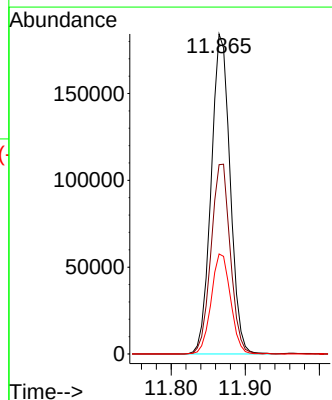
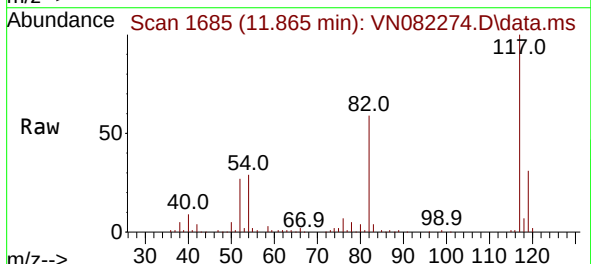
Instrument :
MSVOA_N
ClientSampleId :
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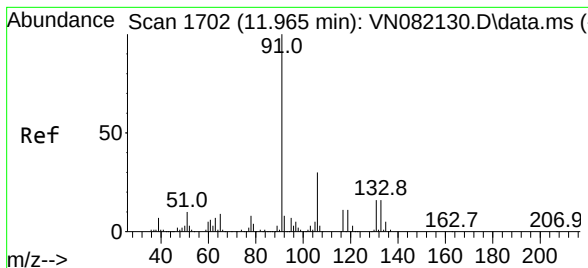
Tgt Ion: 95 Resp: 165332
Ion Ratio Lower Upper
95 100
174 74.1 0.0 160.6
176 71.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

Tgt Ion: 117 Resp: 327173
Ion Ratio Lower Upper
117 100
82 59.1 44.6 66.8
119 31.3 25.9 38.9





#67

Ethyl Benzene

Concen: 1.393 ug/l

RT: 11.965 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN082274.D

Acq: 22 May 2024 05:33

Instrument :

MSVOA_N

ClientSampleId :

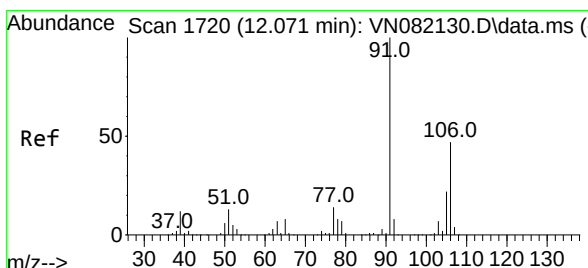
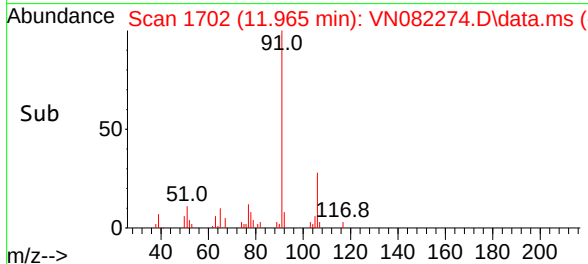
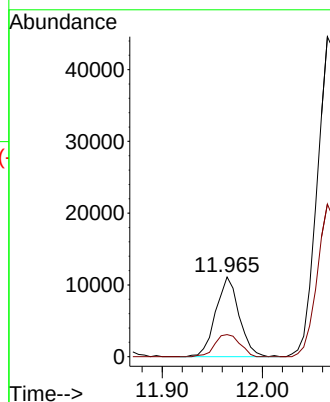
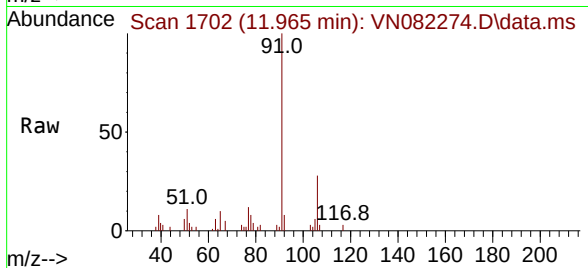
14

Tgt Ion: 91 Resp: 18015

Ion Ratio Lower Upper

91 100

106 27.8 25.3 37.9



#68

m/p-Xylenes

Concen: 8.193 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN082274.D

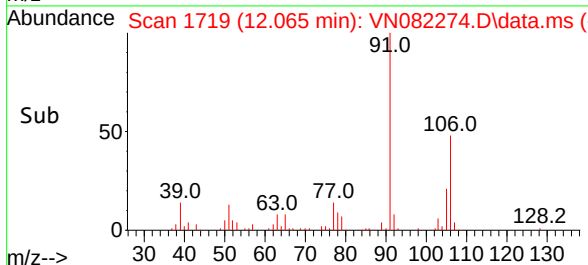
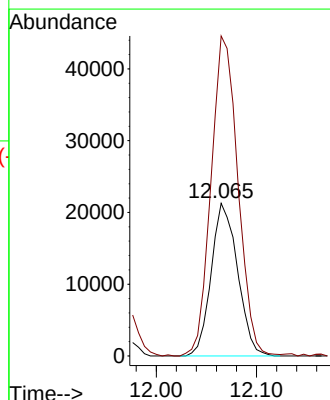
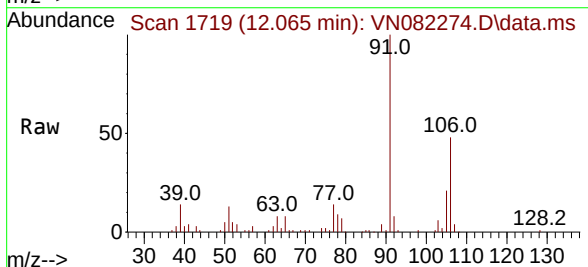
Acq: 22 May 2024 05:33

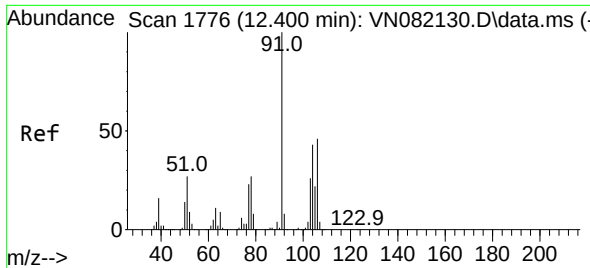
Tgt Ion: 106 Resp: 38825

Ion Ratio Lower Upper

106 100

91 213.8 159.4 239.0

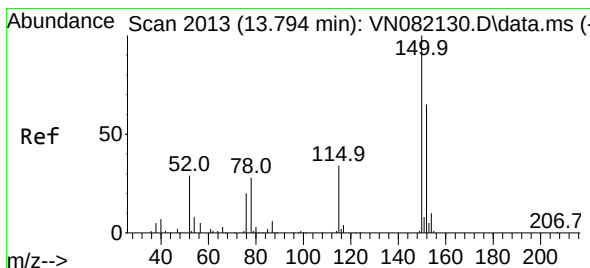
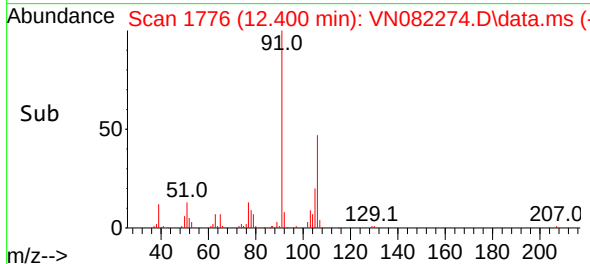
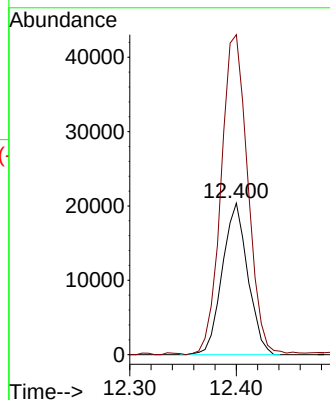
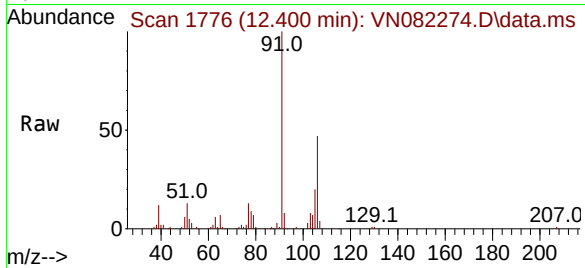




#69
o-Xylene
Concen: 7.365 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

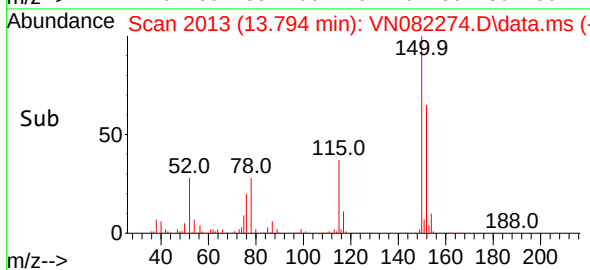
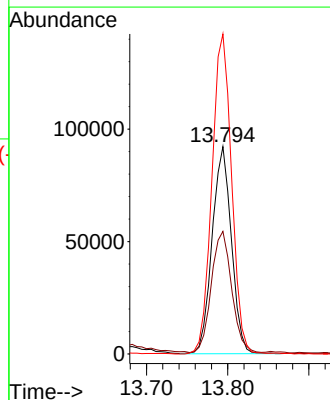
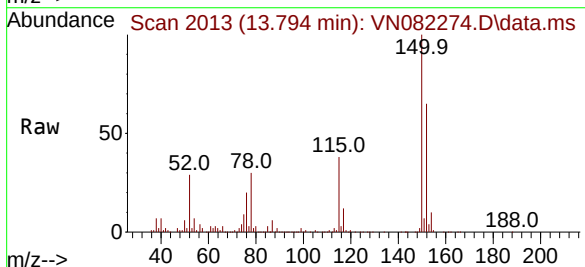
Instrument :
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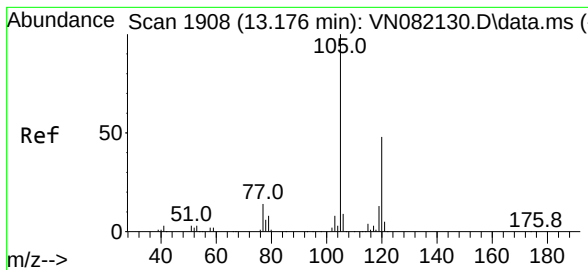
Tgt Ion:106 Resp: 33805
Ion Ratio Lower Upper
106 100
91 222.1 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

Tgt Ion:152 Resp: 151518
Ion Ratio Lower Upper
152 100
115 61.5 30.4 91.3
150 158.0 0.0 353.2

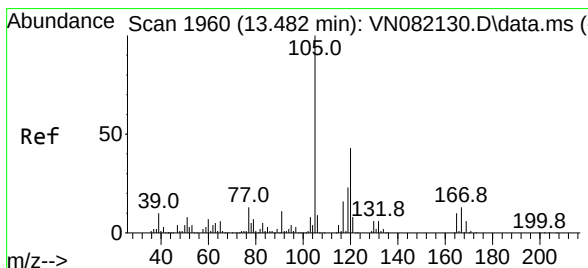
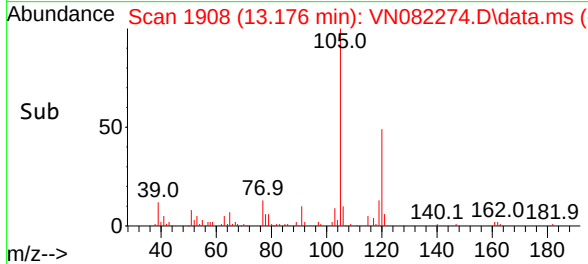
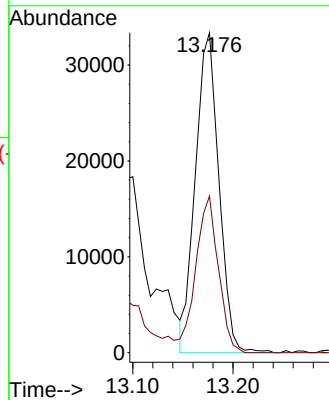
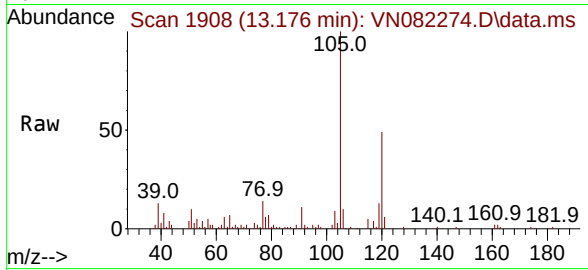




#80
 1,3,5-Trimethylbenzene
 Concen: 5.581 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN082274.D
 Acq: 22 May 2024 05:33

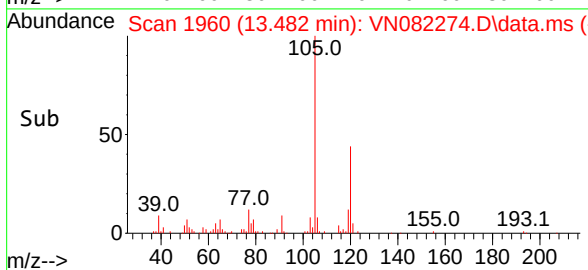
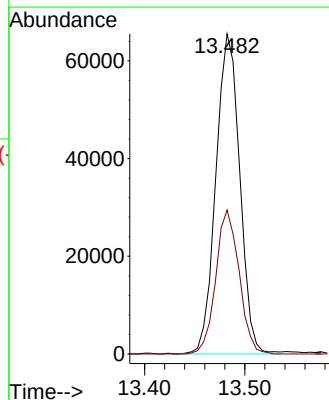
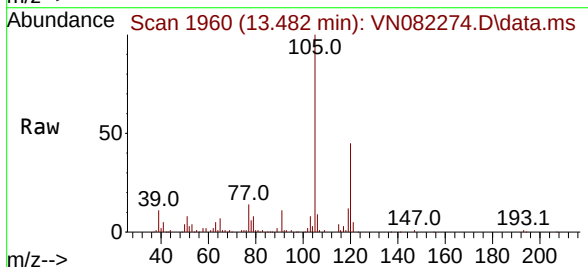
Instrument :
 MSVOA_N
 ClientSampleId :
 14

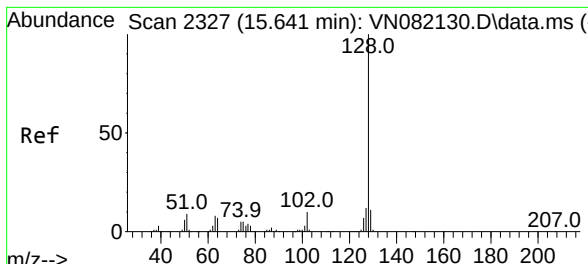
Tgt Ion:105 Resp: 54320
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.8 74.3



#84
 1,2,4-Trimethylbenzene
 Concen: 10.890 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082274.D
 Acq: 22 May 2024 05:33

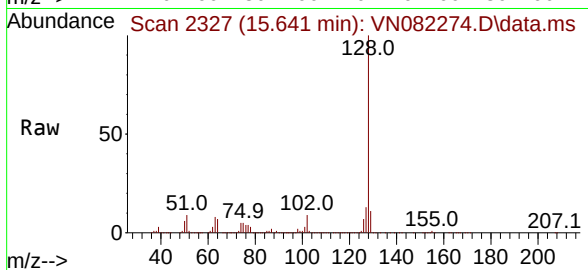
Tgt Ion:105 Resp: 108446
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.9 68.7





#95
Naphthalene
Concen: 157.913 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082274.D
Acq: 22 May 2024 05:33

Instrument :
MSVOA_N
ClientSampleId :
14



Tgt Ion:128 Resp: 1364622
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.0 8.9 13.3

