

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080124.D
 Acq On : 15 Nov 2023 20:39
 Operator : JC\MD
 Sample : 05417-04DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1115DL

Quant Time: Nov 15 21:59:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	175917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	363465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167125	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156327	58.328	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.660%
35) Dibromofluoromethane	8.165	113	118975	48.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	10.571	98	432875	48.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.853	95	180270	60.552	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.100%

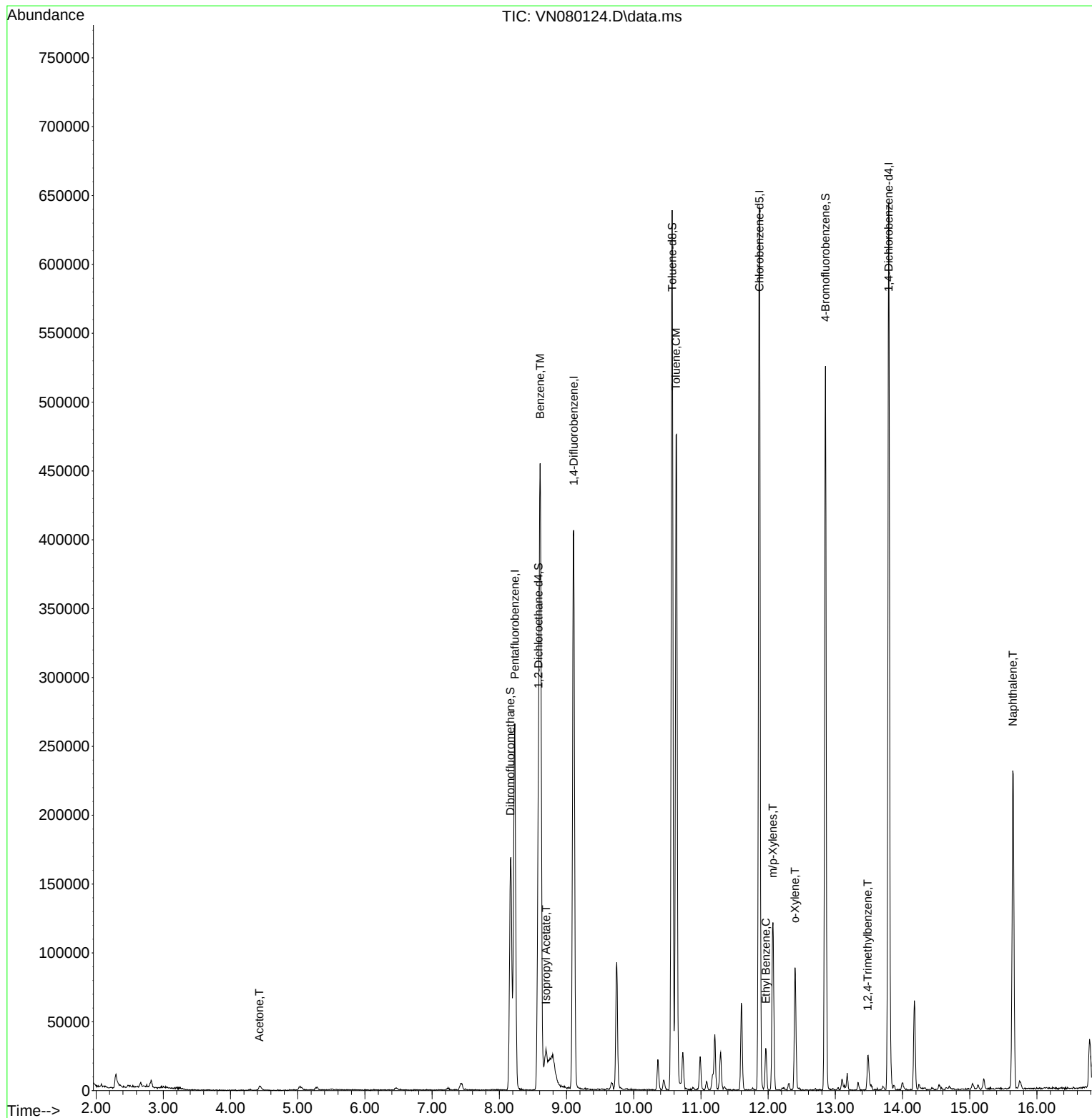
Target Compounds					Qvalue	
16) Acetone	4.430	43	6186	6.571	ug/l	# 82
40) Benzene	8.606	78	428333	41.075	ug/l	98
43) Isopropyl Acetate	8.694	43	35830	6.399	ug/l	# 63
52) Toluene	10.630	92	217562	35.192	ug/l	98
67) Ethyl Benzene	11.965	91	20821	1.516	ug/l	100
68) m/p-Xylenes	12.071	106	38845	7.591	ug/l	88
69) o-Xylene	12.400	106	22039	4.473	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	16525	1.702	ug/l	93
95) Naphthalene	15.641	128	214851	24.433	ug/l	98

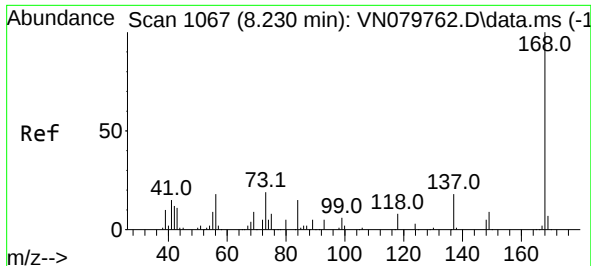
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

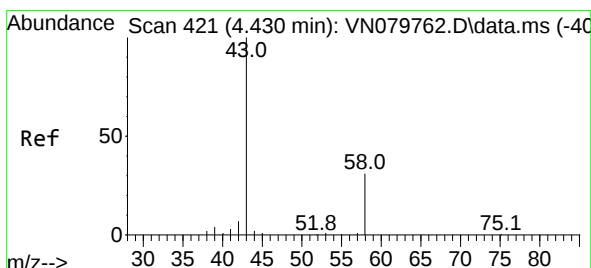
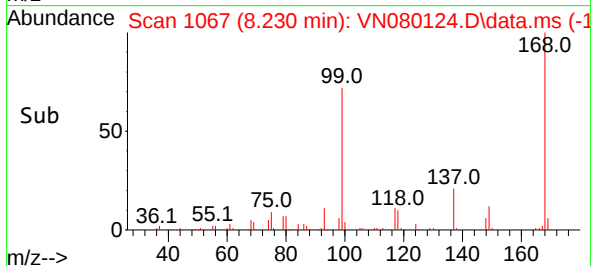
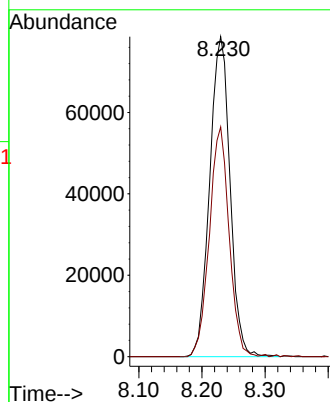
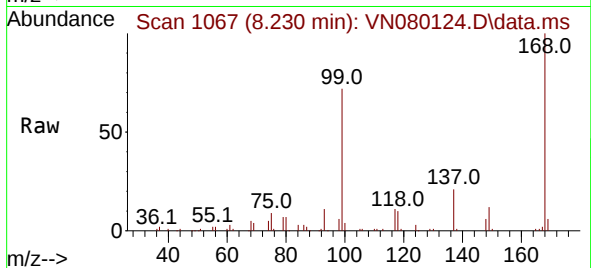




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080124.D
Acq: 15 Nov 2023 20:39

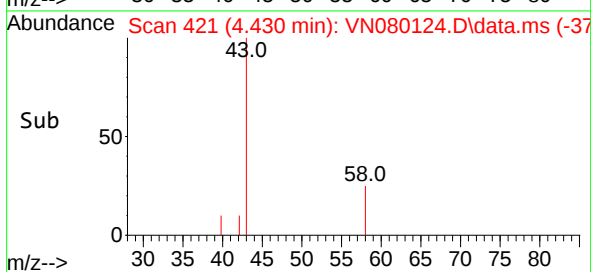
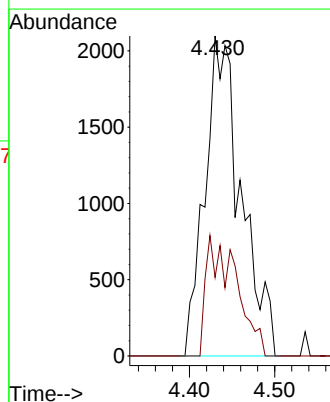
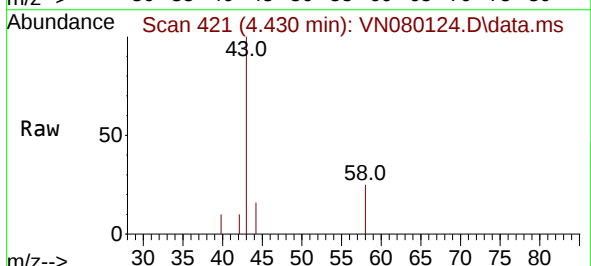
Instrument :
MSVOA_N
ClientSampleId :
1115DL

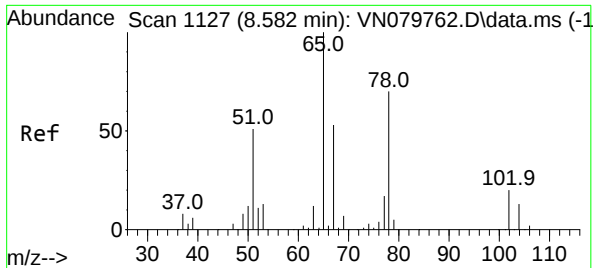
Tgt Ion:168 Resp: 175917
Ion Ratio Lower Upper
168 100
99 71.8 53.0 79.6



#16
Acetone
Concen: 6.571 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080124.D
Acq: 15 Nov 2023 20:39

Tgt Ion: 43 Resp: 6186
Ion Ratio Lower Upper
43 100
58 24.5 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 58.328 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080124.D

Acq: 15 Nov 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

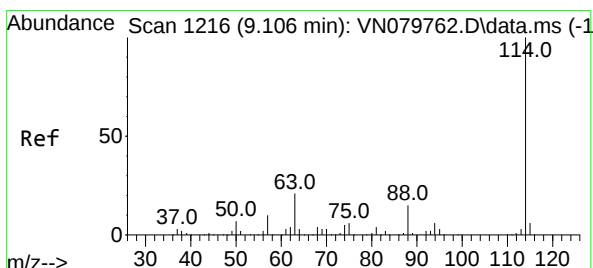
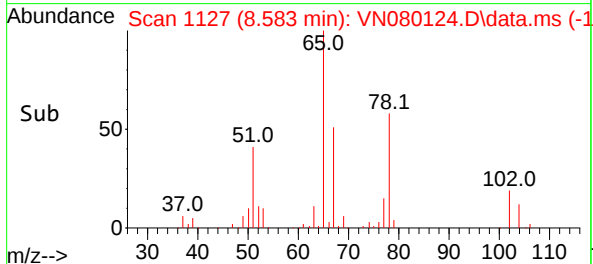
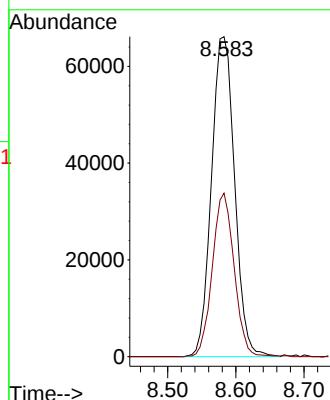
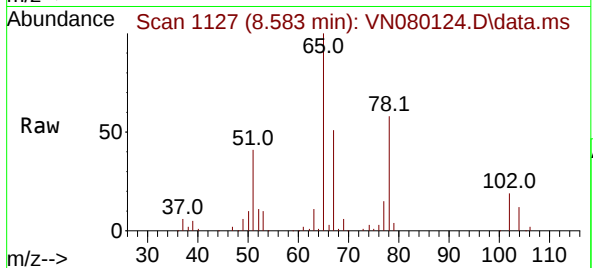
1115DL

Tgt Ion: 65 Resp: 156327

Ion Ratio Lower Upper

65 100

67 48.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080124.D

Acq: 15 Nov 2023 20:39

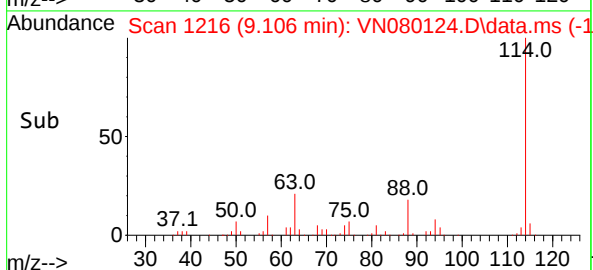
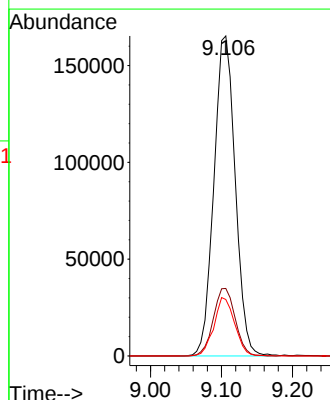
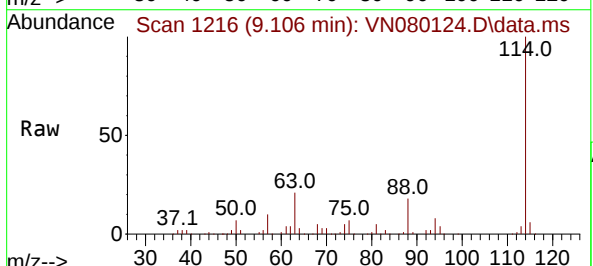
Tgt Ion: 114 Resp: 344524

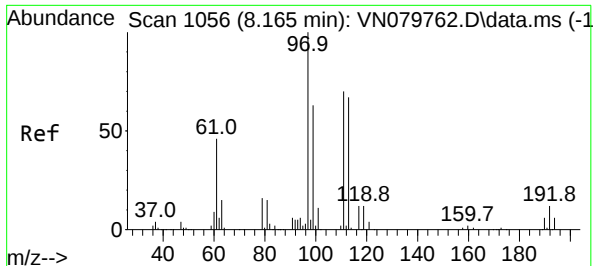
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 17.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.792 ug/l

RT: 8.165 min Scan# 1115

Delta R.T. -0.006 min

Lab File: VN080124.D

Acq: 15 Nov 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

1115DL

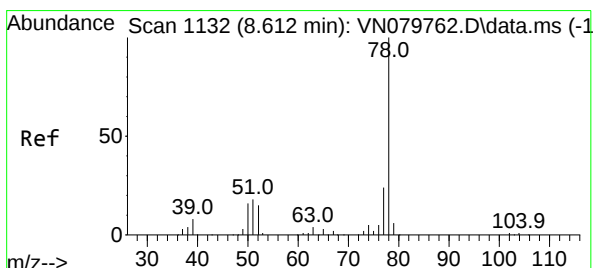
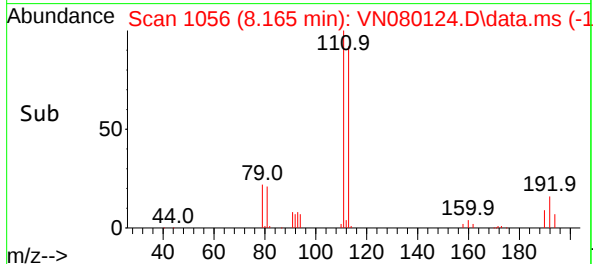
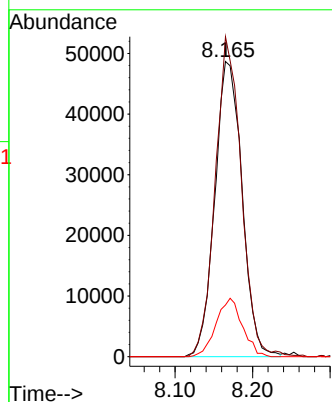
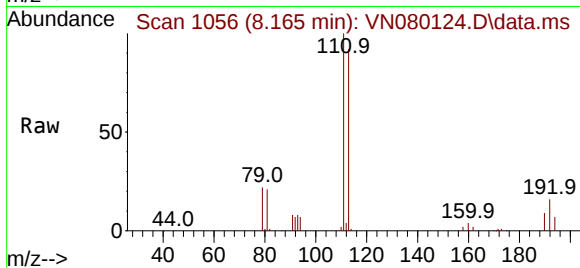
Tgt Ion:113 Resp: 118975

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 19.2 12.7 19.1#



#40

Benzene

Concen: 41.075 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN080124.D

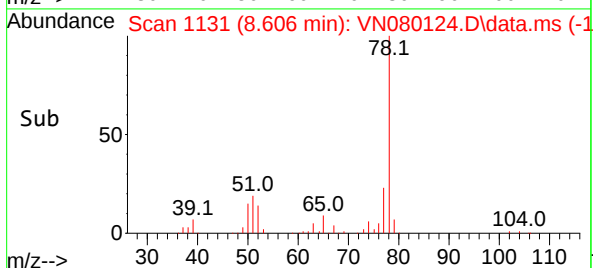
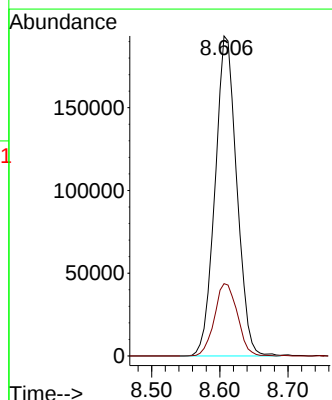
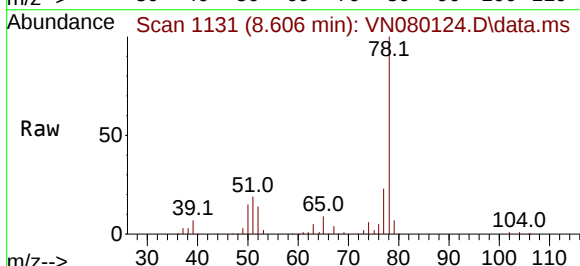
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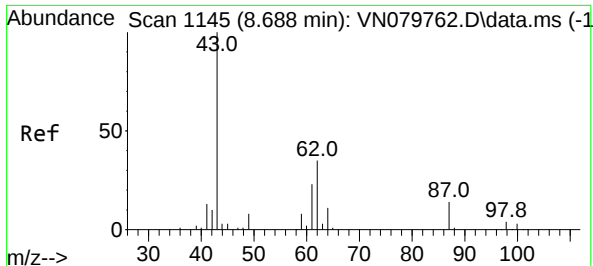
Tgt Ion: 78 Resp: 428333

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.6

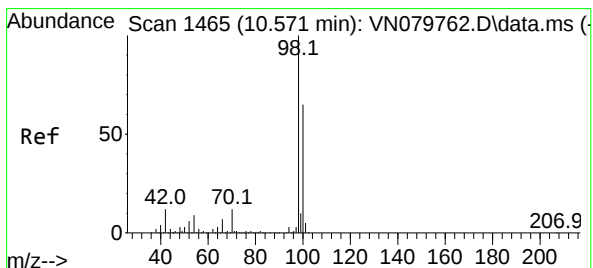
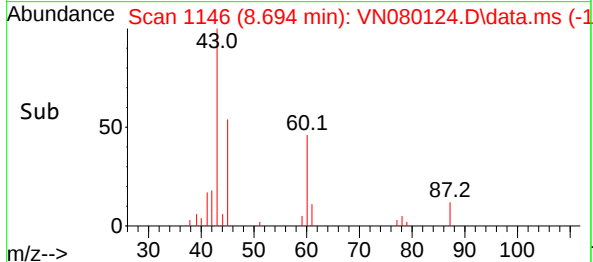
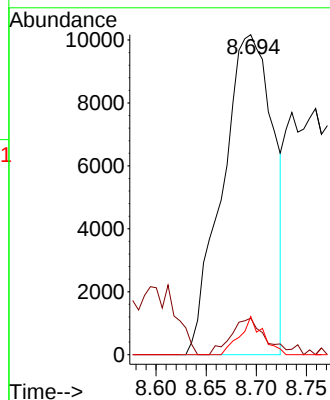
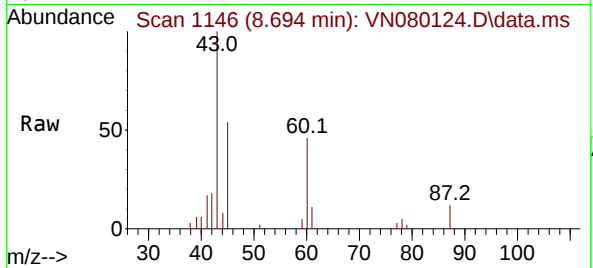




#43
Isopropyl Acetate
Concen: 6.399 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080124.D
Acq: 15 Nov 2023 20:39

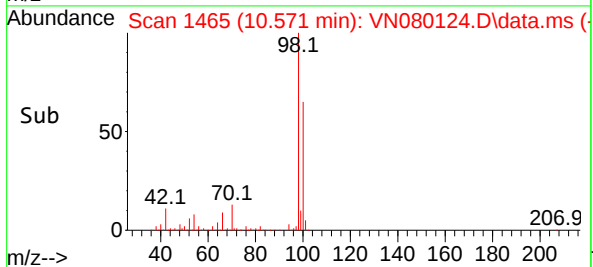
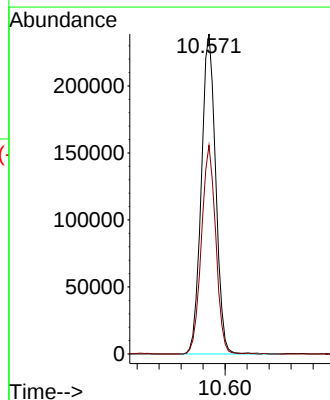
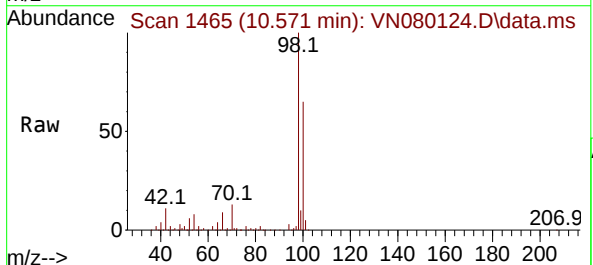
Instrument :
MSVOA_N
ClientSampleId :
1115DL

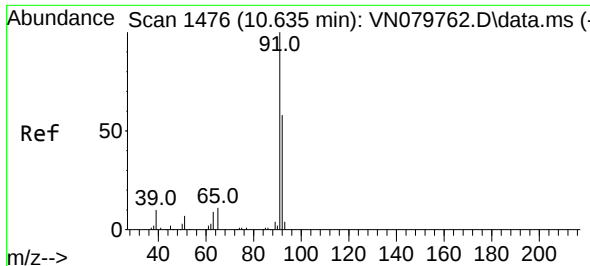
Tgt Ion: 43 Resp: 35830
Ion Ratio Lower Upper
43 100
61 8.1 24.7 37.1#
87 5.4 14.6 21.8#



#50
Toluene-d8
Concen: 48.222 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080124.D
Acq: 15 Nov 2023 20:39

Tgt Ion: 98 Resp: 432875
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

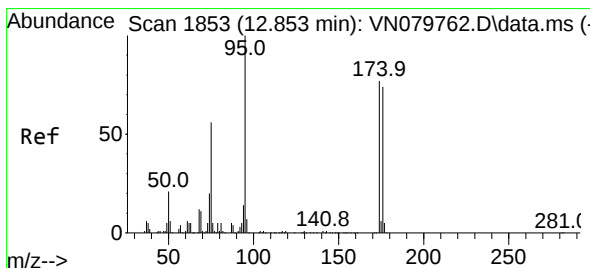
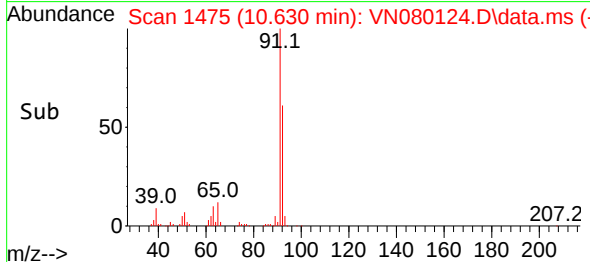
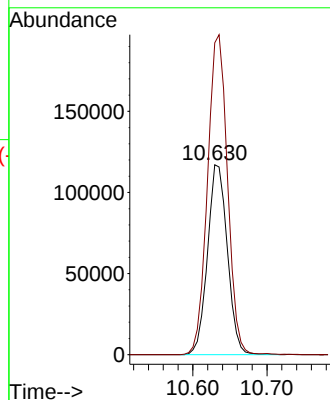
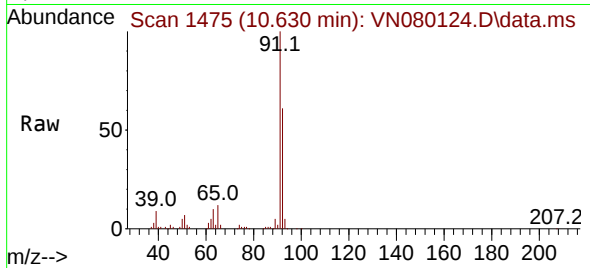




#52
Toluene
Concen: 35.192 ug/l
RT: 10.630 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VN080124.D
Acq: 15 Nov 2023 20:39

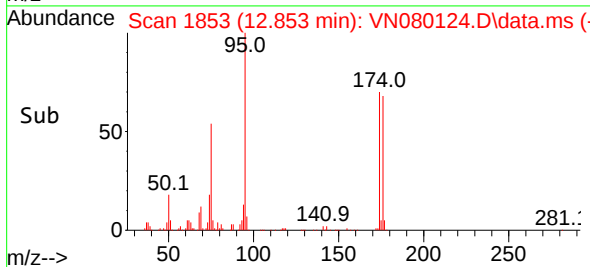
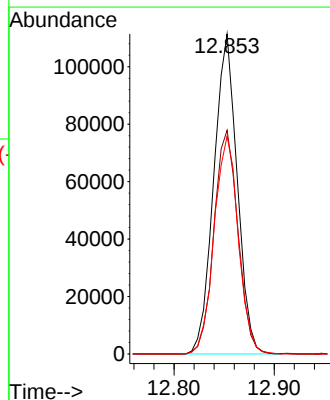
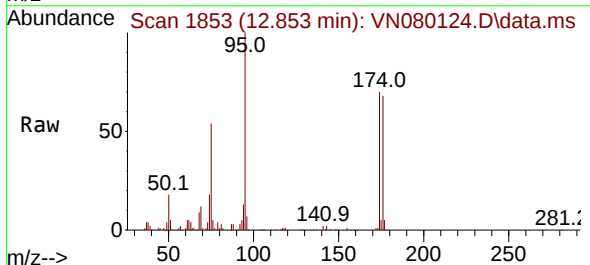
Instrument :
MSVOA_N
ClientSampleId :
1115DL

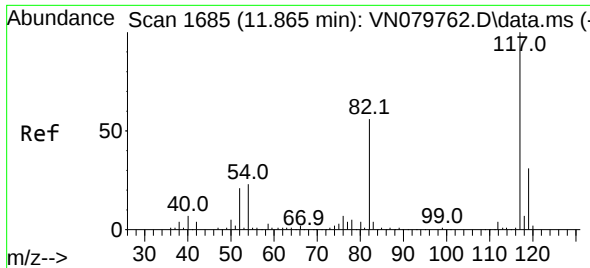
Tgt Ion: 92 Resp: 217562
Ion Ratio Lower Upper
92 100
91 169.4 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 60.552 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080124.D
Acq: 15 Nov 2023 20:39

Tgt Ion: 95 Resp: 180270
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.8
176 70.2 0.0 135.8

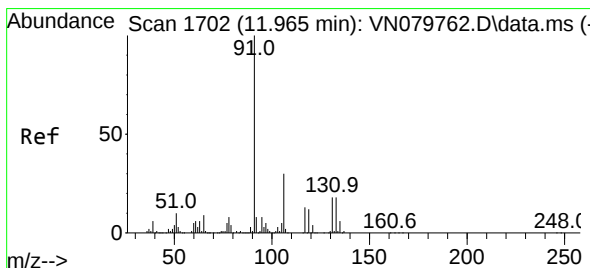
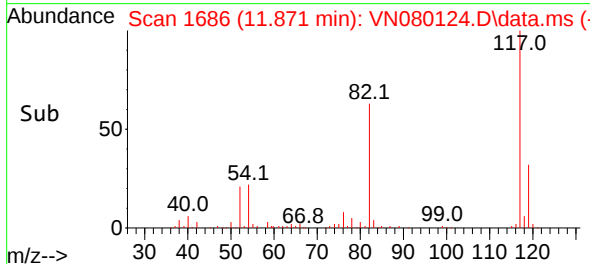
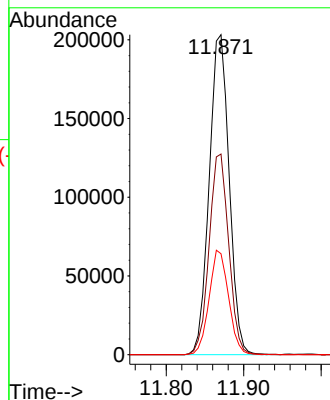
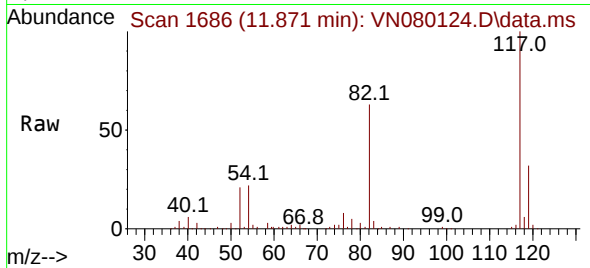




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1115DL
Delta R.T. 0.000 min
Lab File: VN080124.D
Acq: 15 Nov 2023 20:39

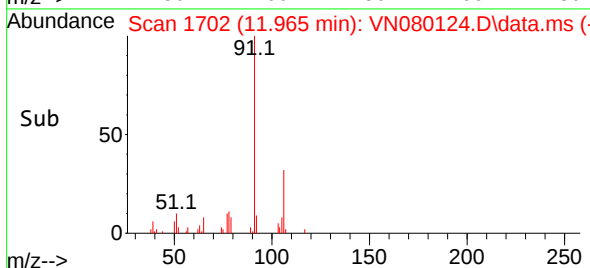
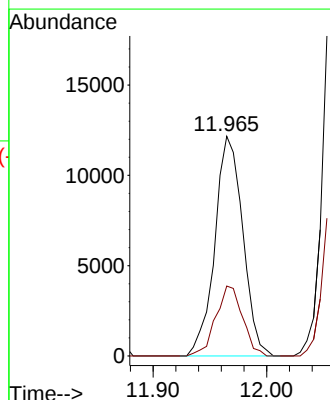
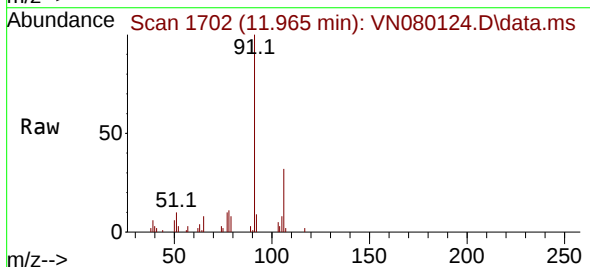
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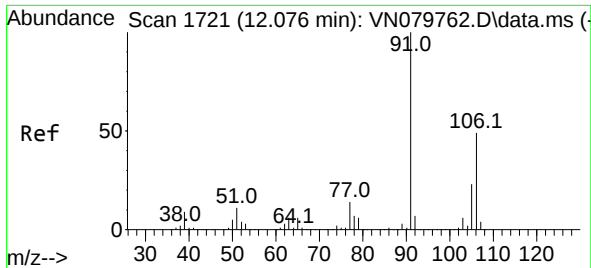
Tgt Ion:117 Resp: 363465
Ion Ratio Lower Upper
117 100
82 62.7 44.0 66.0
119 31.5 25.6 38.4



#67
Ethyl Benzene
Concen: 1.516 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080124.D
Acq: 15 Nov 2023 20:39

Tgt Ion: 91 Resp: 20821
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

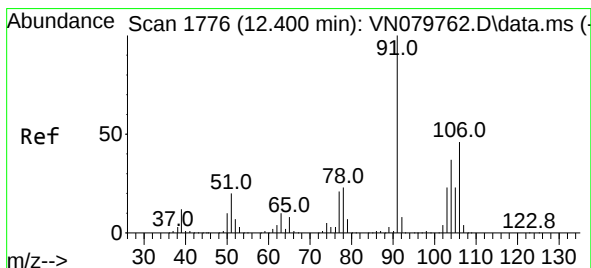
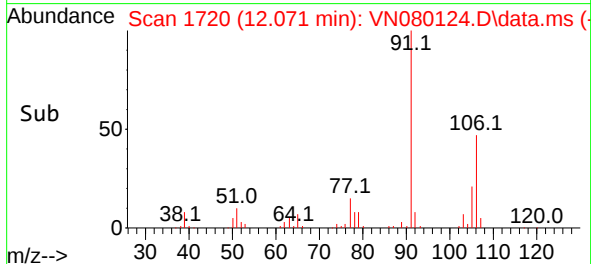
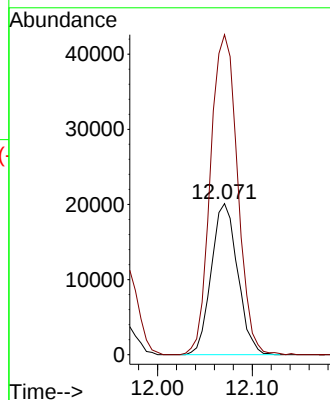
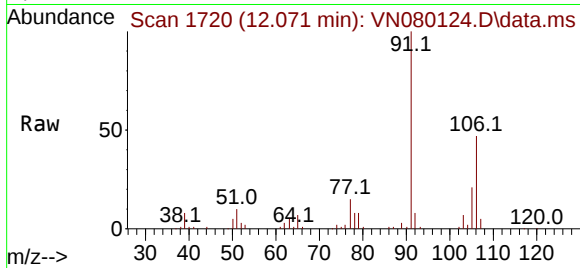




#68
m/p-Xylenes
Concen: 7.591 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN080124.D
Acq: 15 Nov 2023 20:39

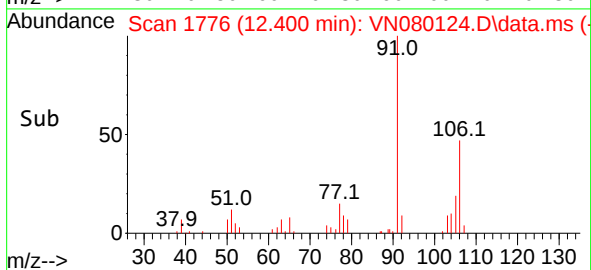
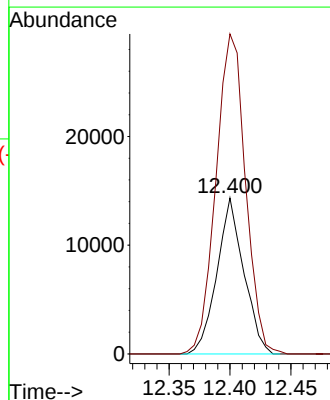
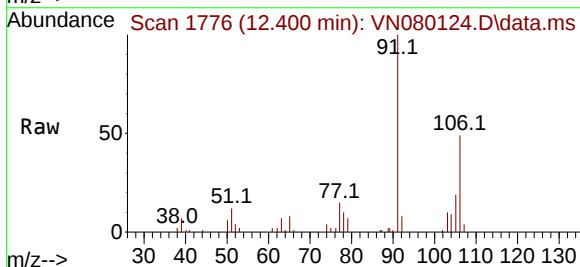
Instrument :
MSVOA_N
ClientSampleId :
1115DL

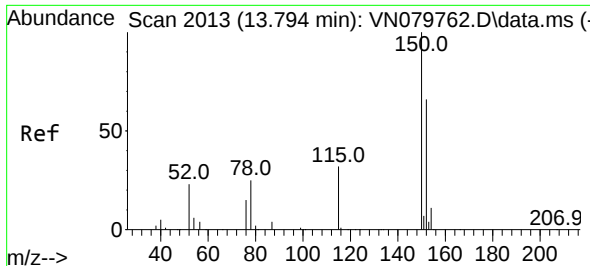
Tgt Ion:106 Resp: 38845
Ion Ratio Lower Upper
106 100
91 218.2 159.6 239.4



#69
o-Xylene
Concen: 4.473 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080124.D
Acq: 15 Nov 2023 20:39

Tgt Ion:106 Resp: 22039
Ion Ratio Lower Upper
106 100
91 225.7 105.2 315.5

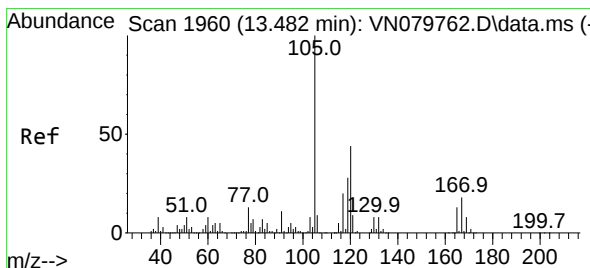
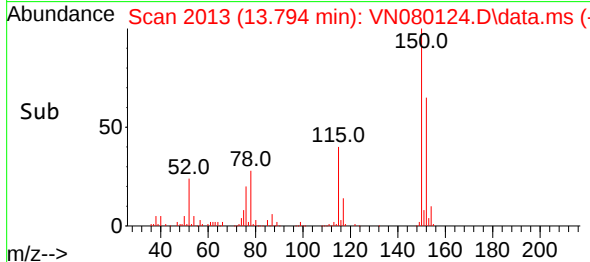
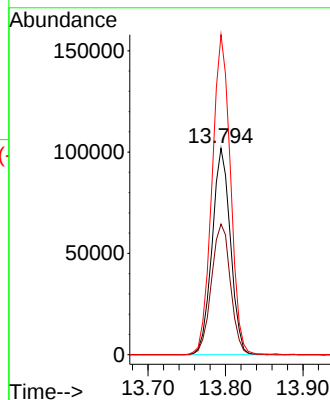
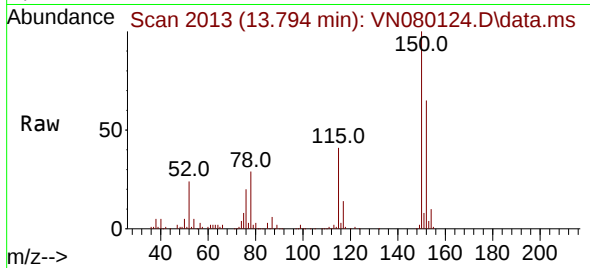




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080124.D
 Acq: 15 Nov 2023 20:39

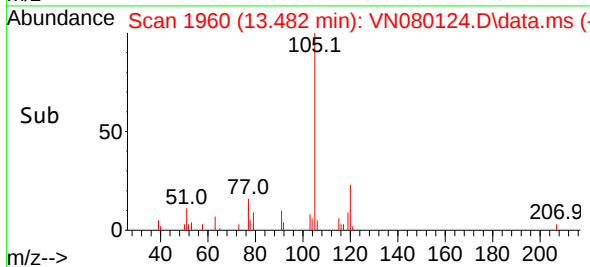
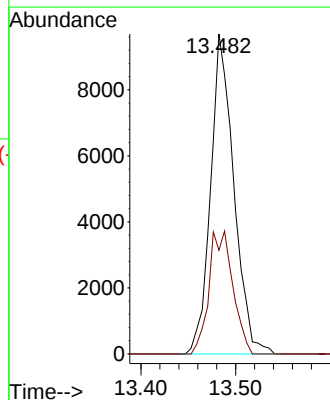
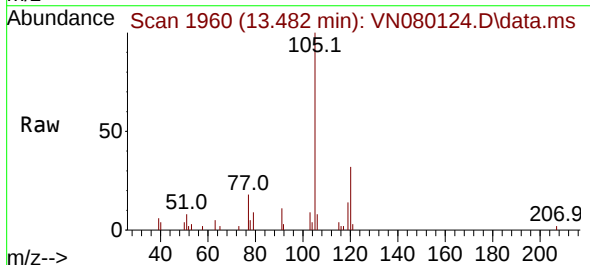
Instrument :
 MSVOA_N
 ClientSampleId :
 1115DL

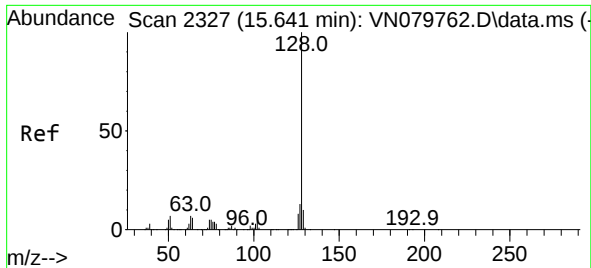
Tgt Ion:152 Resp: 167125
 Ion Ratio Lower Upper
 152 100
 115 66.0 32.3 96.8
 150 155.5 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.702 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080124.D
 Acq: 15 Nov 2023 20:39

Tgt Ion:105 Resp: 16525
 Ion Ratio Lower Upper
 105 100
 120 39.4 22.0 66.0





#95

Naphthalene

Concen: 24.433 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080124.D

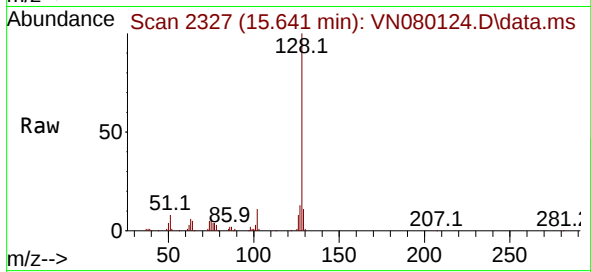
Acq: 15 Nov 2023 20:39

Instrument :

MSVOA_N

ClientSampleId :

1115DL



Tgt Ion:128 Resp: 214851

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.4 8.7 13.1

