

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080125.D
 Acq On : 15 Nov 2023 21:03
 Operator : JC\MD
 Sample : 05417-05DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1116DL

Quant Time: Nov 15 22:00:09 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)

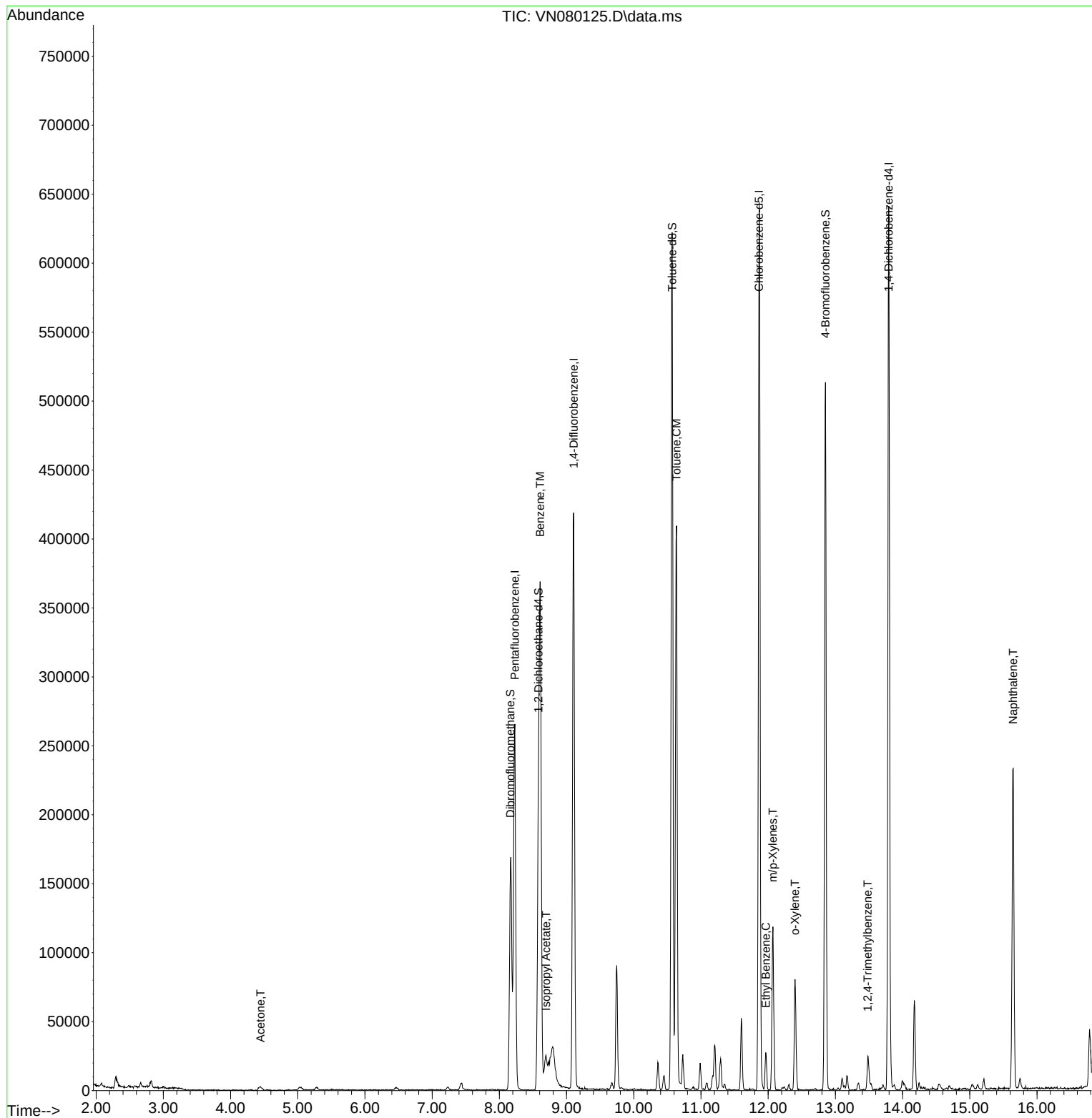
Internal Standards						
1) Pentafluorobenzene	8.230	168	180838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	349036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158648	57.583	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.160%		
35) Dibromofluoromethane	8.165	113	116398	47.118	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.240%		
50) Toluene-d8	10.571	98	434318	47.758	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.520%		
62) 4-Bromofluorobenzene	12.853	95	179975	59.672	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 119.340%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	6000	6.200	ug/l	94
40) Benzene	8.606	78	332038	31.429	ug/l	100
43) Isopropyl Acetate	8.694	43	28048	4.944	ug/l #	66
52) Toluene	10.635	92	182175	29.087	ug/l	100
67) Ethyl Benzene	11.965	91	18429	1.351	ug/l	100
68) m/p-Xylenes	12.071	106	35193	6.928	ug/l	87
69) o-Xylene	12.400	106	20230	4.136	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	16398	1.659	ug/l	87
95) Naphthalene	15.647	128	217199	24.265	ug/l	99

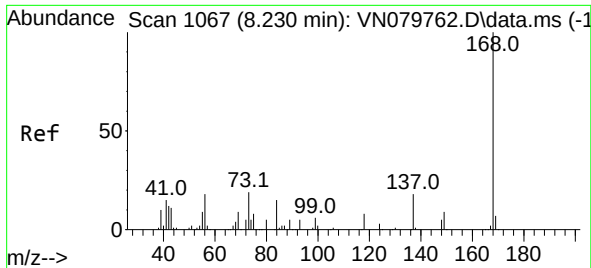
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

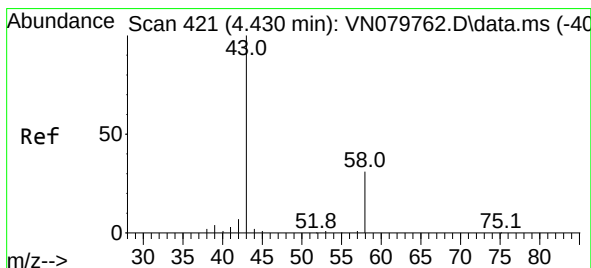
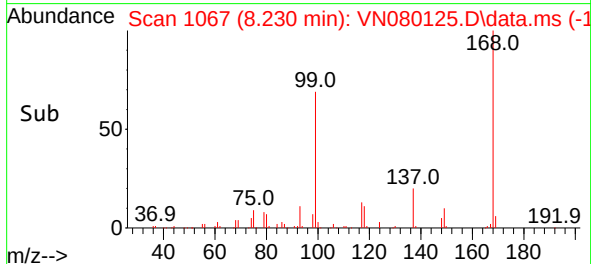
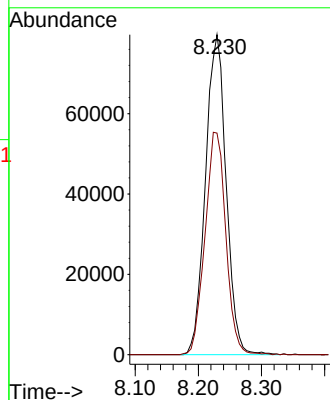
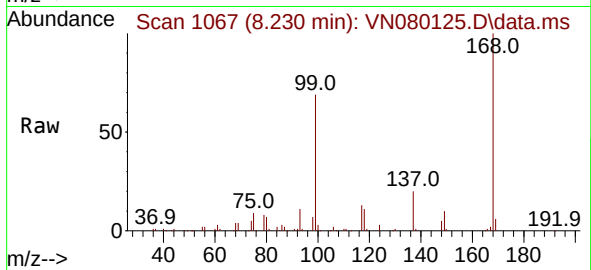




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

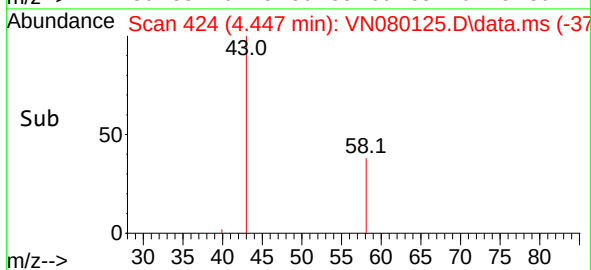
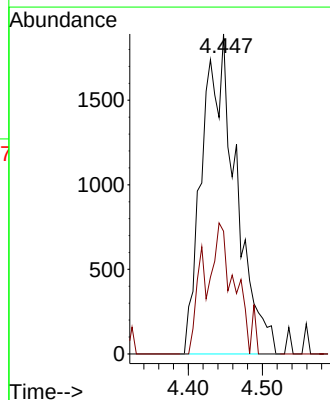
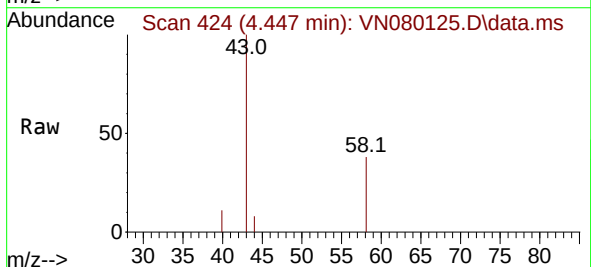
Instrument :
MSVOA_N
ClientSampleId :
1116DL

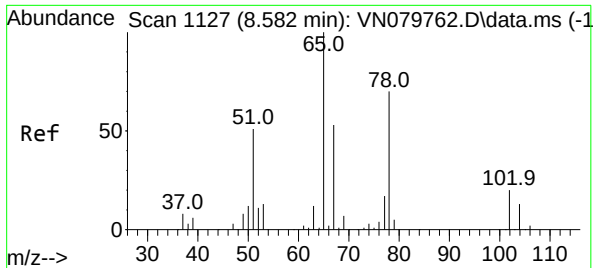
Tgt Ion:168 Resp: 180838
Ion Ratio Lower Upper
168 100
99 69.3 53.0 79.6



#16
Acetone
Concen: 6.200 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

Tgt Ion: 43 Resp: 6000
Ion Ratio Lower Upper
43 100
58 38.3 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 57.583 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080125.D

Acq: 15 Nov 2023 21:03

Instrument :

MSVOA_N

ClientSampleId :

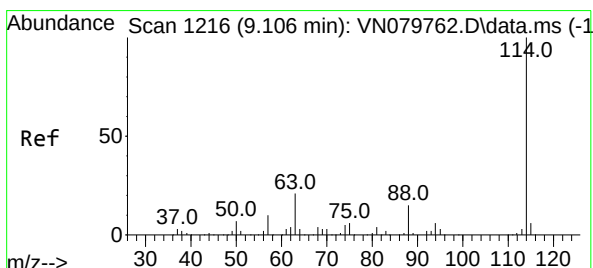
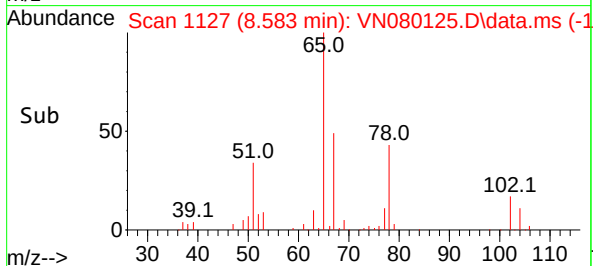
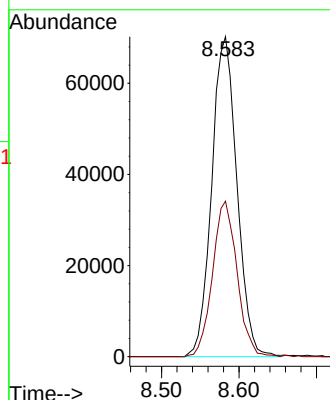
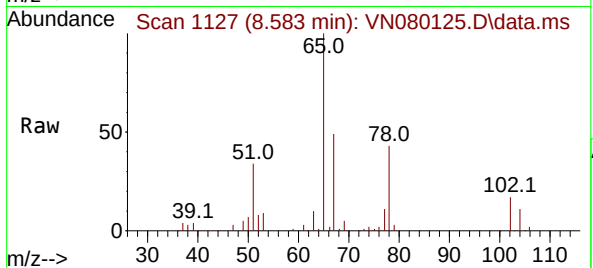
1116DL

Tgt Ion: 65 Resp: 158648

Ion Ratio Lower Upper

65 100

67 47.2 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: VN080125.D

Acq: 15 Nov 2023 21:03

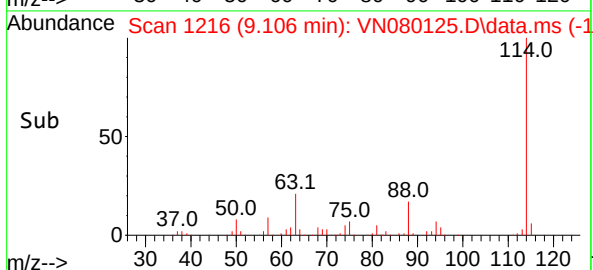
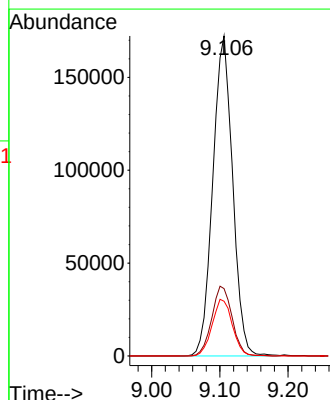
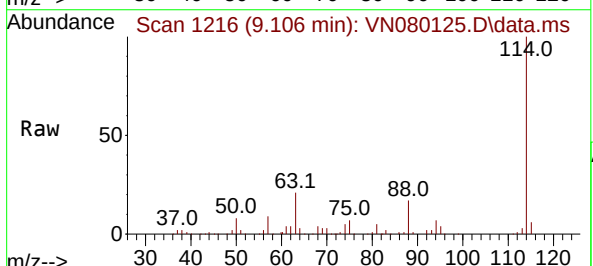
Tgt Ion: 114 Resp: 349036

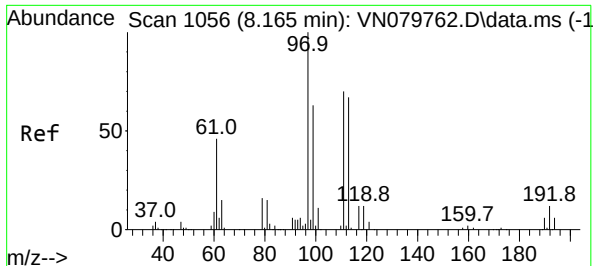
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.118 ug/l

RT: 8.165 min Scan# 1116

Delta R.T. -0.006 min

Lab File: VN080125.D

Acq: 15 Nov 2023 21:03

Instrument :

MSVOA_N

ClientSampleId :

1116DL

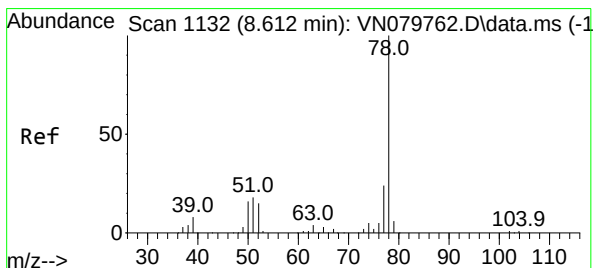
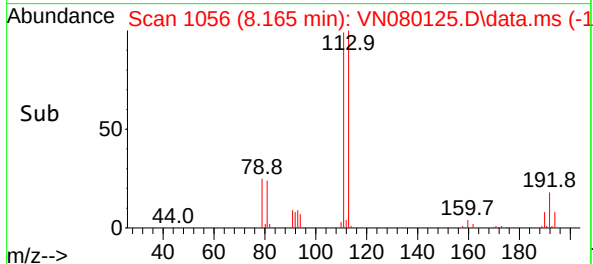
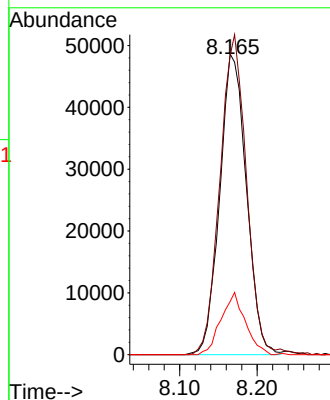
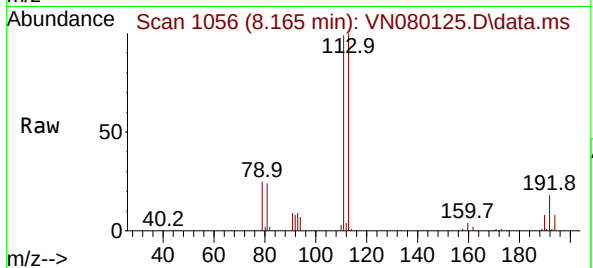
Tgt Ion:113 Resp: 116398

Ion Ratio Lower Upper

113 100

111 106.1 82.6 123.8

192 18.9 12.7 19.1



#40

Benzene

Concen: 31.429 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN080125.D

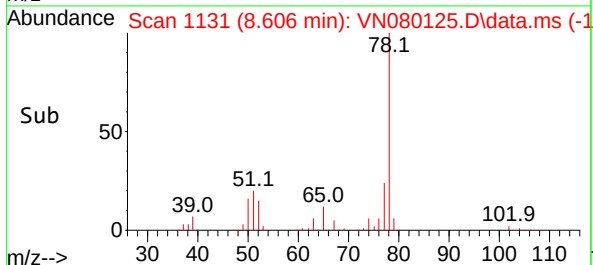
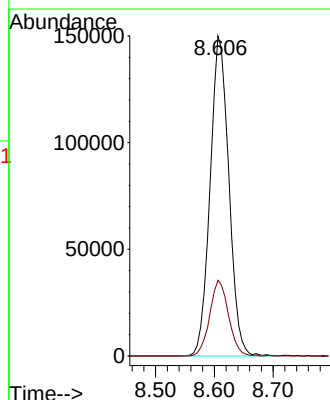
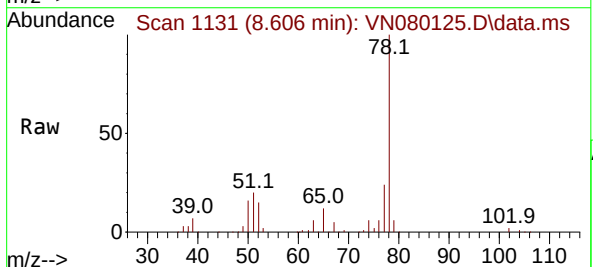
Acq: 15 Nov 2023 21:03

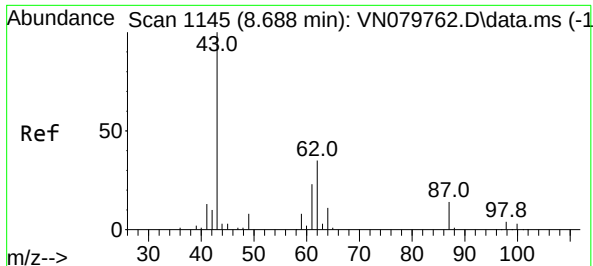
Tgt Ion: 78 Resp: 332038

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

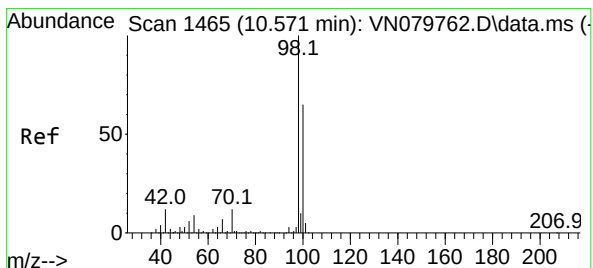
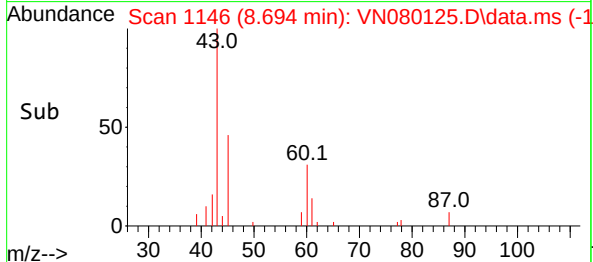
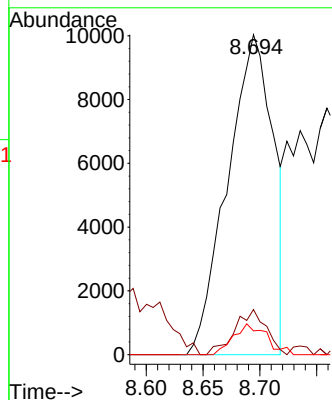
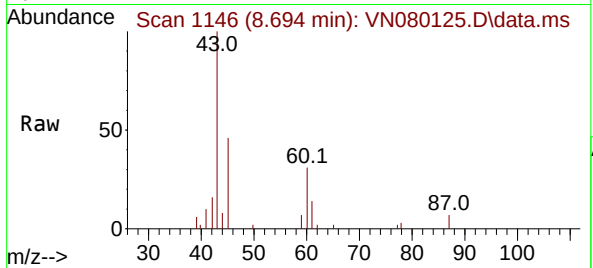




#43
Isopropyl Acetate
Concen: 4.944 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

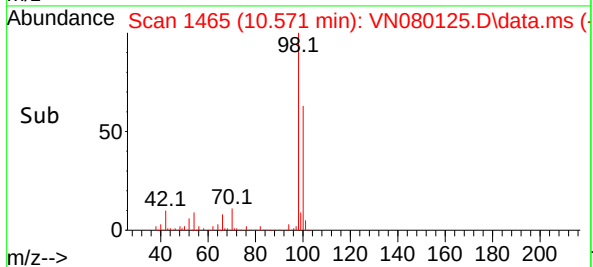
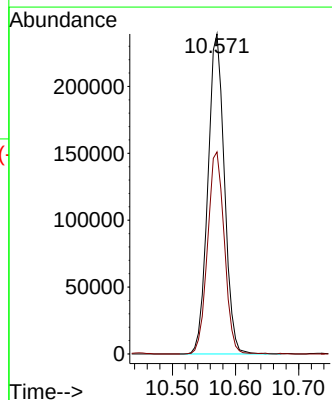
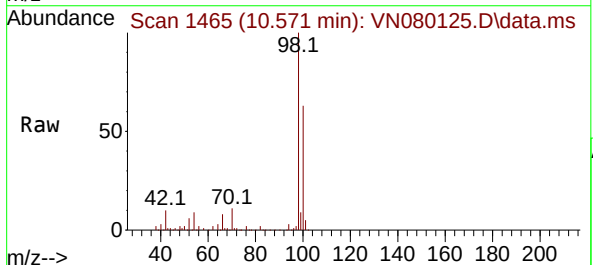
Instrument :
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ClientSampleId :
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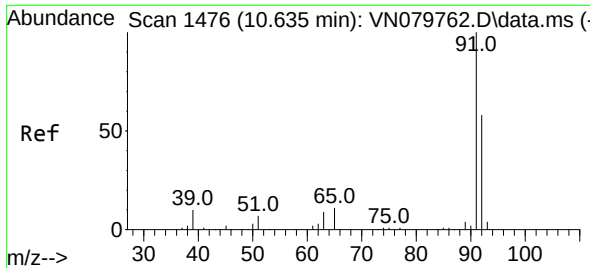
Tgt Ion: 43 Resp: 28048
Ion Ratio Lower Upper
43 100
61 9.8 24.7 37.1#
87 7.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.758 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

Tgt Ion: 98 Resp: 434318
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

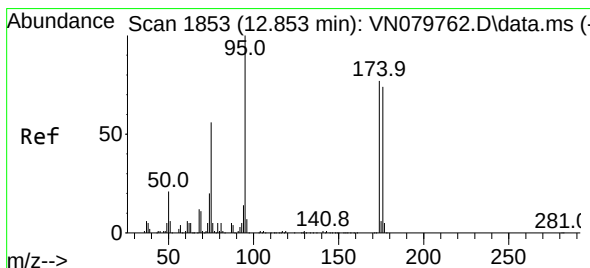
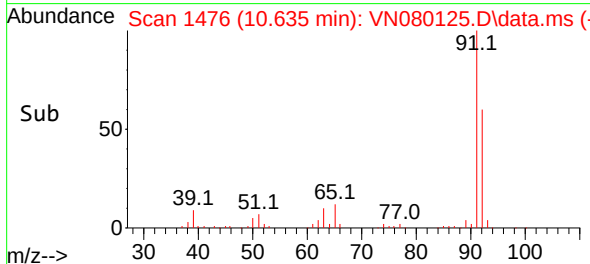
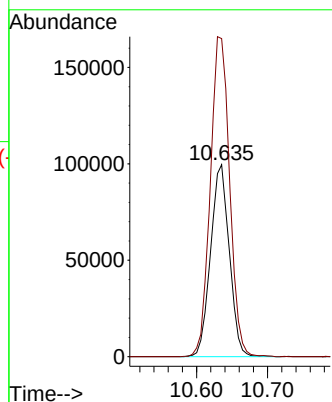
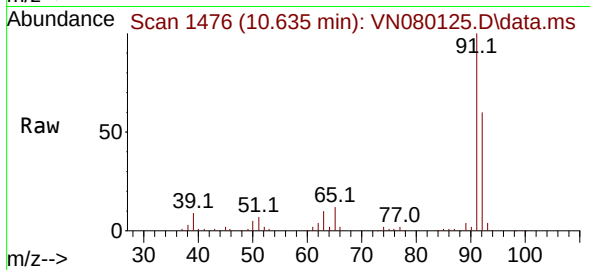




#52
Toluene
Concen: 29.087 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

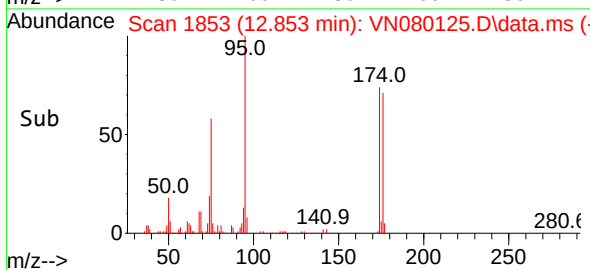
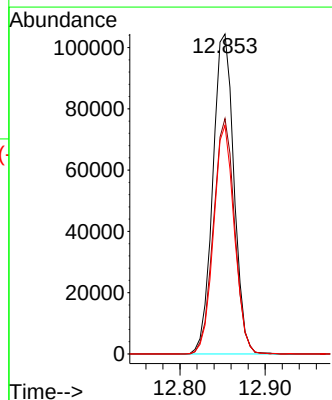
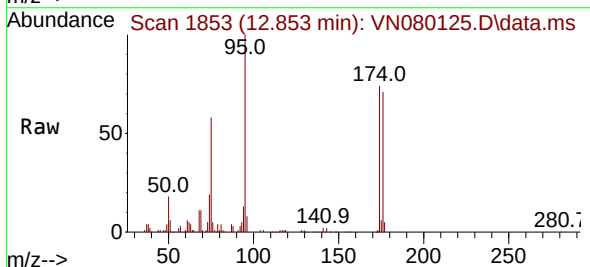
Instrument :
MSVOA_N
ClientSampleId :
1116DL

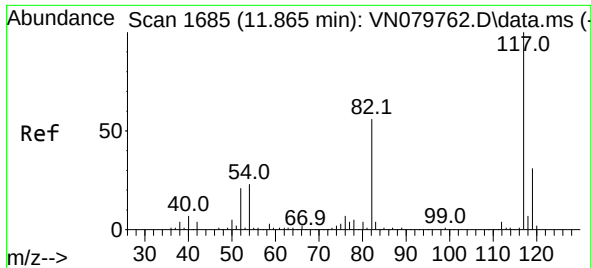
Tgt Ion: 92 Resp: 182175
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 59.672 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

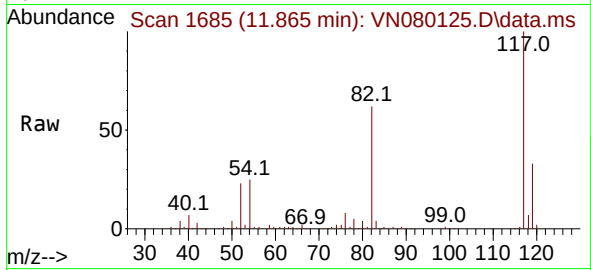
Tgt Ion: 95 Resp: 179975
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 70.2 0.0 135.8



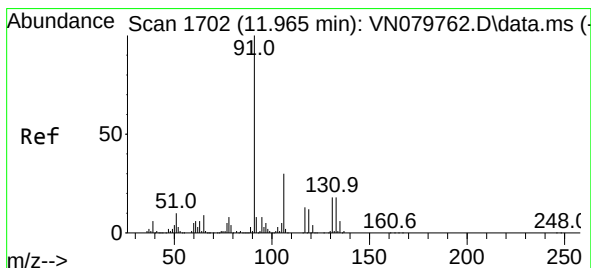
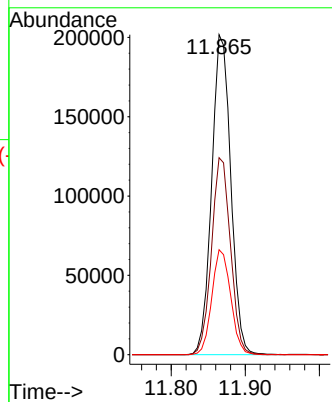
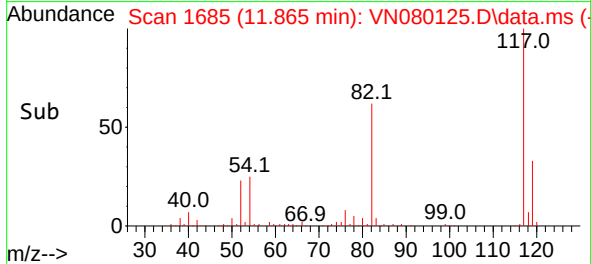


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1116DL
Delta R.T. -0.006 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

Instrument :
MSVOA_N
ClientSampleId :

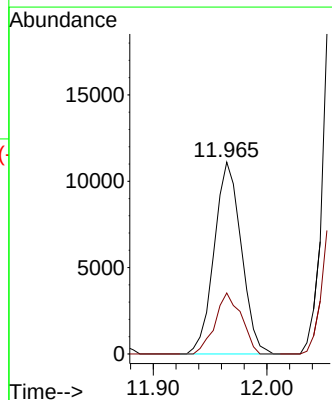
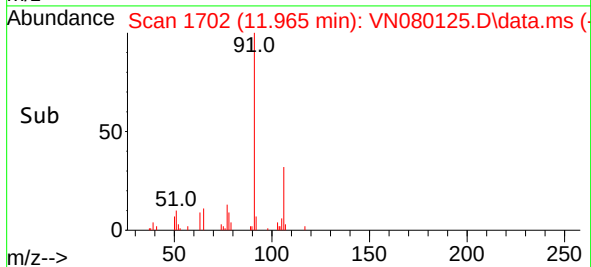
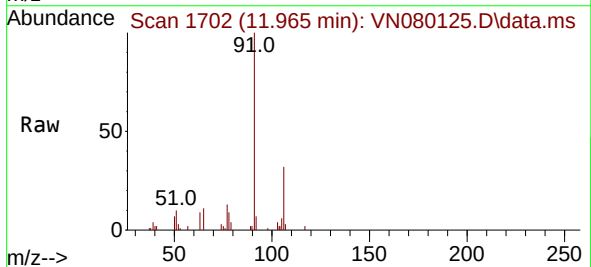


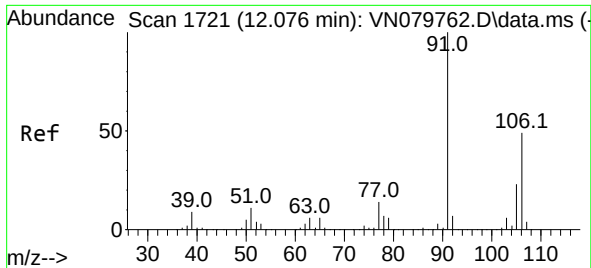
Tgt Ion:117 Resp: 360835
Ion Ratio Lower Upper
117 100
82 61.5 44.0 66.0
119 32.8 25.6 38.4



#67
Ethyl Benzene
Concen: 1.351 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

Tgt Ion: 91 Resp: 18429
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

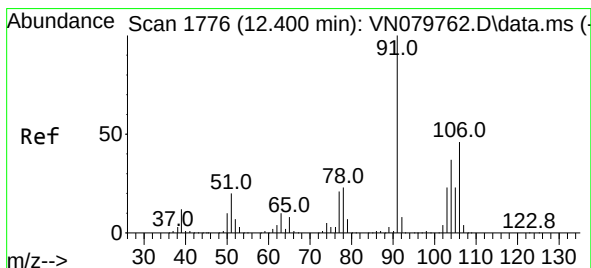
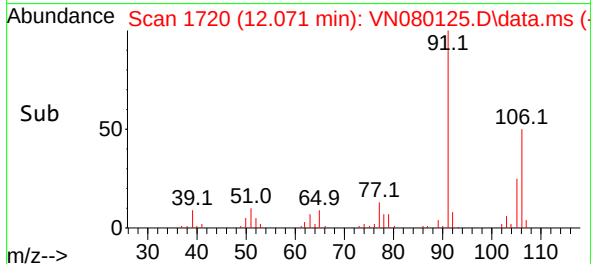
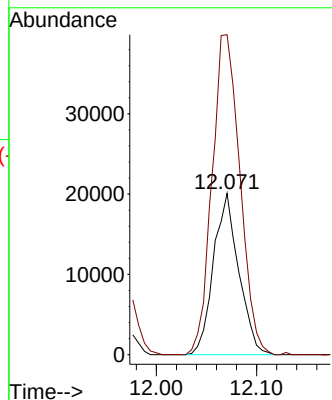
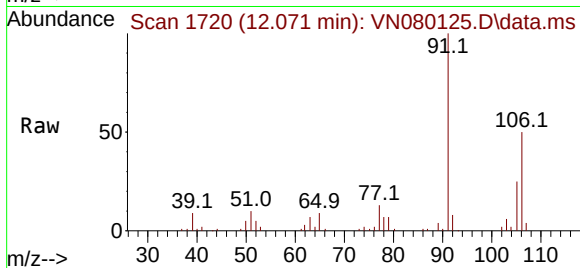




#68
m/p-Xylenes
Concen: 6.928 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

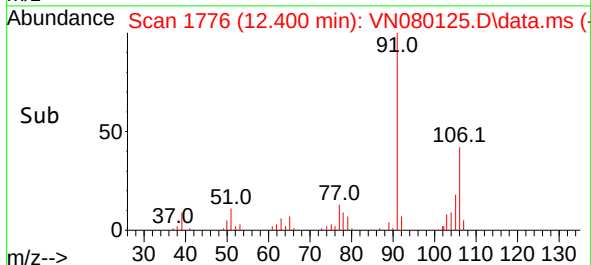
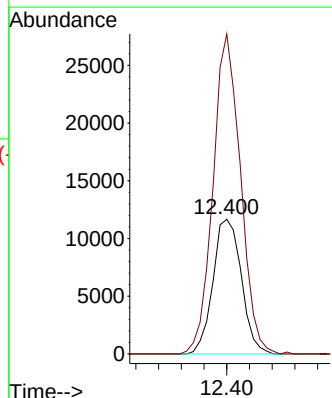
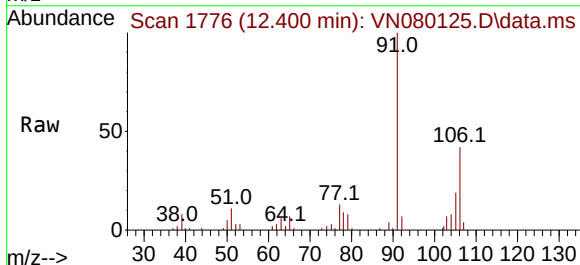
Instrument :
MSVOA_N
ClientSampleId :
1116DL

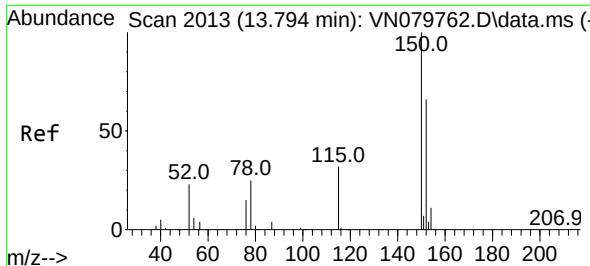
Tgt Ion:106 Resp: 35193
Ion Ratio Lower Upper
106 100
91 219.0 159.6 239.4



#69
o-Xylene
Concen: 4.136 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

Tgt Ion:106 Resp: 20230
Ion Ratio Lower Upper
106 100
91 230.4 105.2 315.5

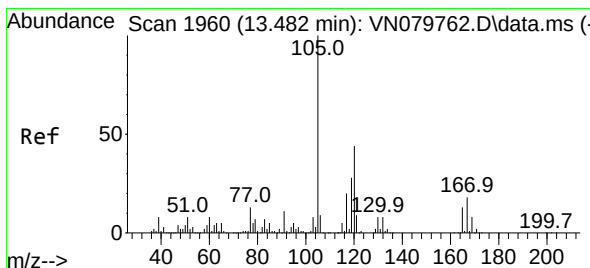
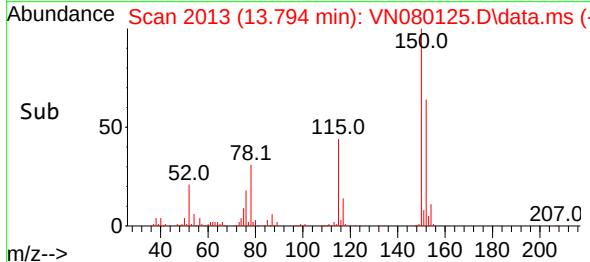
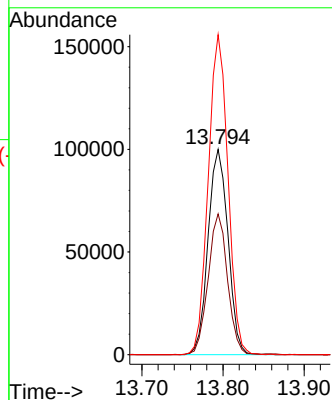
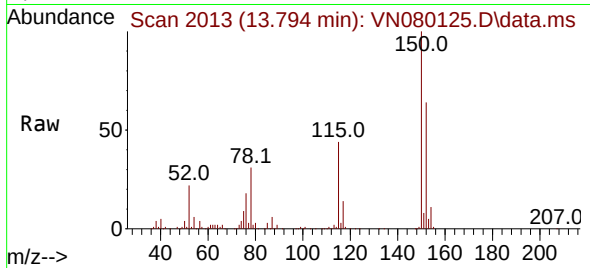




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080125.D
 Acq: 15 Nov 2023 21:03

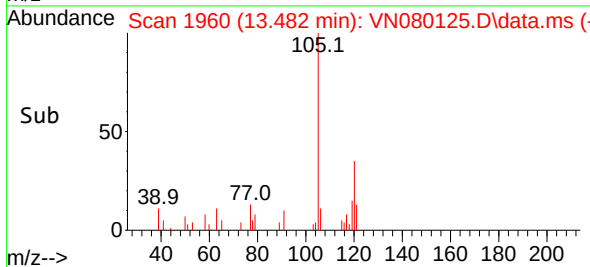
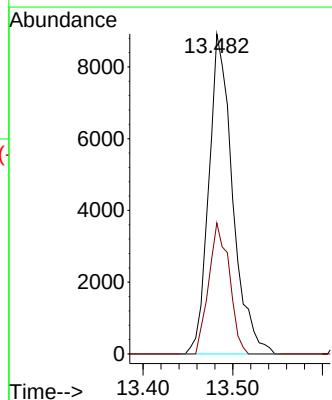
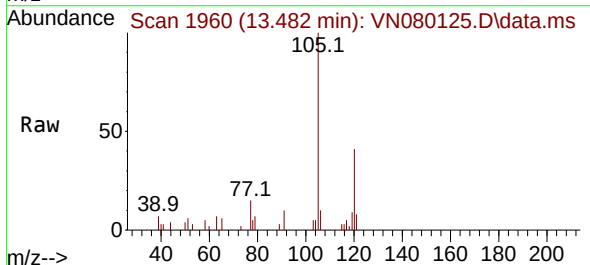
Instrument :
 MSVOA_N
 ClientSampleId :
 1116DL

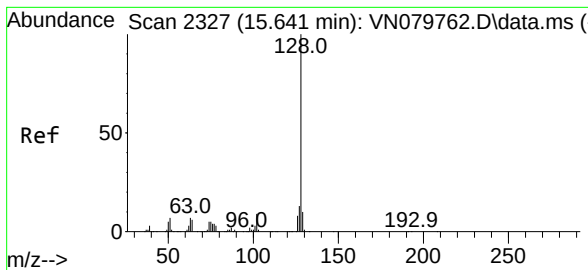
Tgt Ion:152 Resp: 170124
 Ion Ratio Lower Upper
 152 100
 115 66.9 32.3 96.8
 150 154.5 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.659 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080125.D
 Acq: 15 Nov 2023 21:03

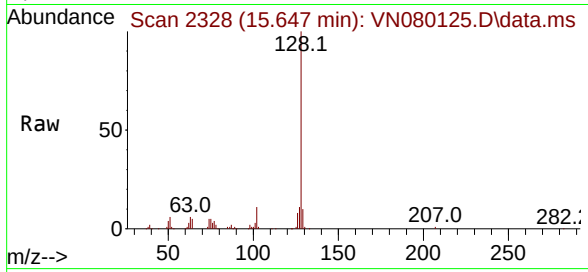
Tgt Ion:105 Resp: 16398
 Ion Ratio Lower Upper
 105 100
 120 35.5 22.0 66.0





#95
Naphthalene
Concen: 24.265 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080125.D
Acq: 15 Nov 2023 21:03

Instrument :
MSVOA_N
ClientSampleId :
1116DL



Tgt Ion:	128	Resp:	217199
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	10.7	8.7	13.1

