

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
 Data File : VN075103.D
 Acq On : 01 Nov 2022 17:34
 Operator : JC\MD
 Sample : N5417-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1904

Quant Time: Nov 02 07:11:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

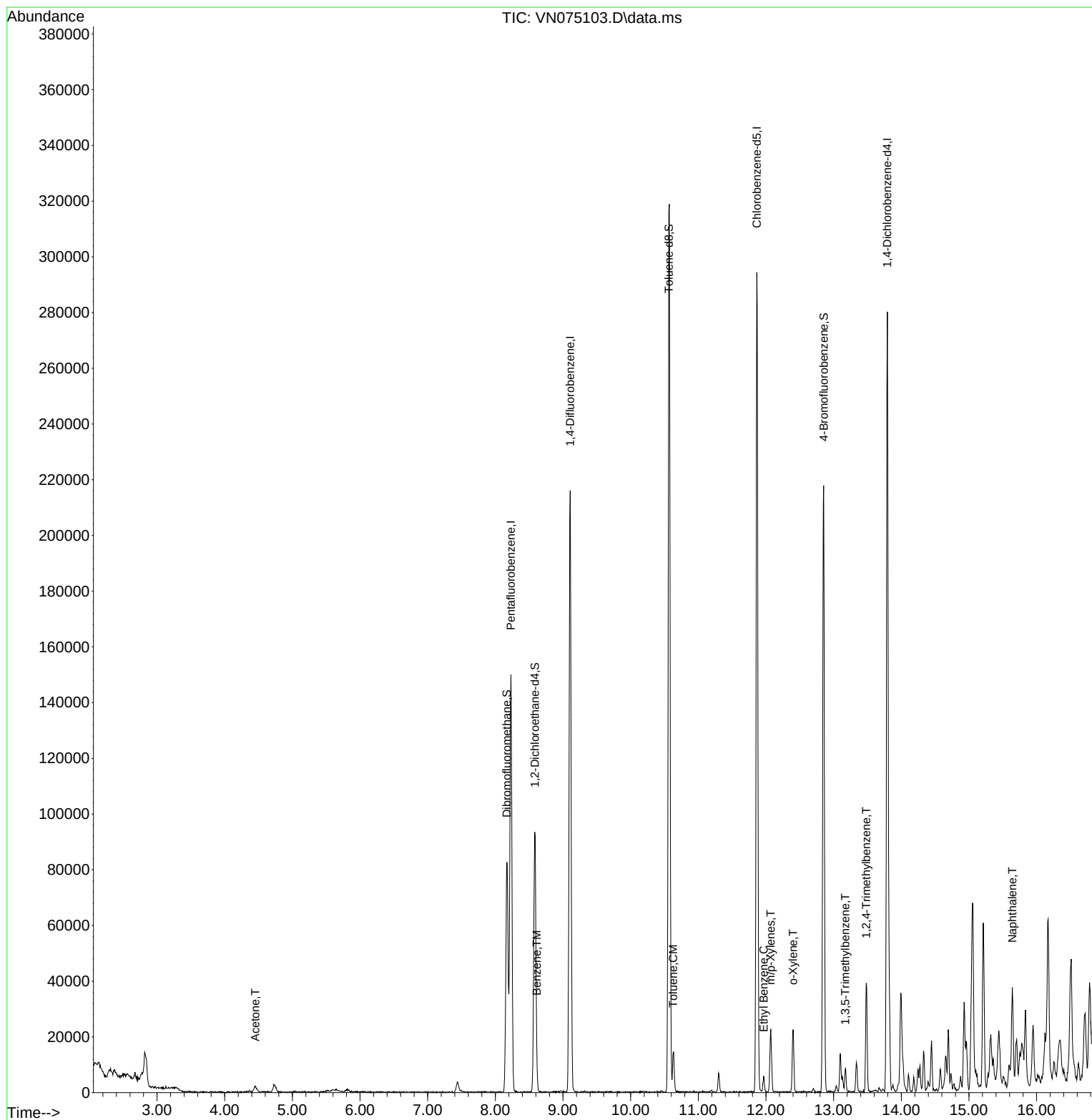
Internal Standards						
1) Pentafluorobenzene	8.230	168	103781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	186754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	167276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	76775	54.905	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.800%	
35) Dibromofluoromethane	8.171	113	57330	52.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.580%	
50) Toluene-d8	10.565	98	226243	53.190	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.380%	
62) 4-Bromofluorobenzene	12.853	95	74199	49.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.320%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	4529	7.649	ug/l #	84
40) Benzene	8.612	78	1797	0.346	ug/l	93
52) Toluene	10.629	92	7005	2.016	ug/l	93
67) Ethyl Benzene	11.965	91	4780	0.744	ug/l	97
68) m/p-Xylenes	12.071	106	7277	2.823	ug/l	96
69) o-Xylene	12.400	106	6861	2.692	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	5417	1.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	22872	4.659	ug/l	100
95) Naphthalene	15.641	128	32009	7.812	ug/l	99

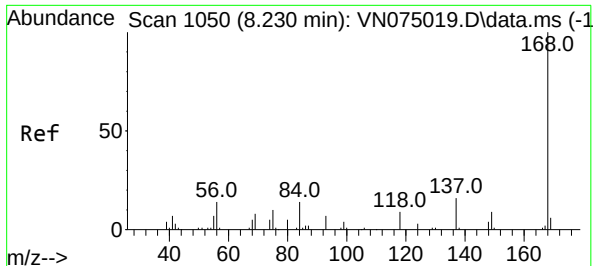
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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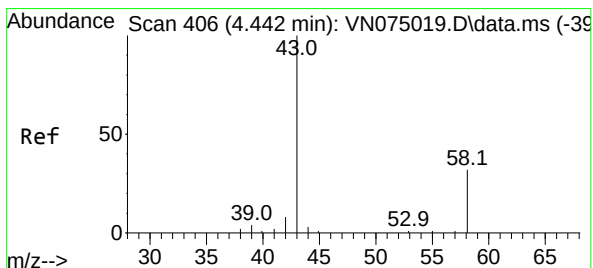
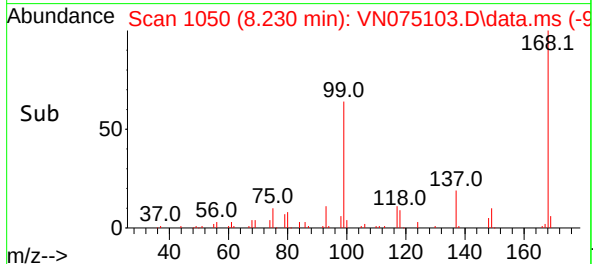
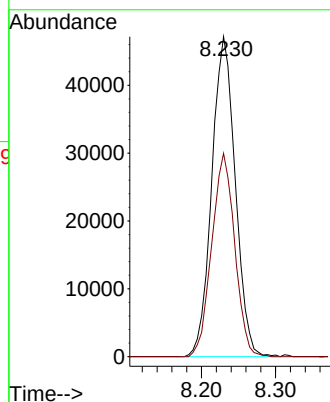
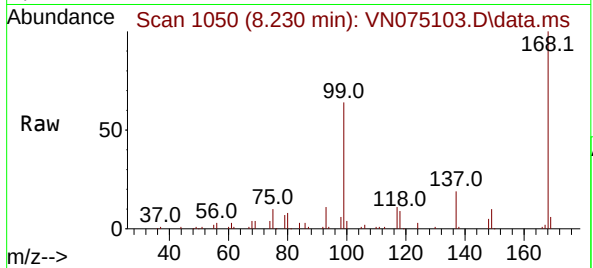




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075103.D
Acq: 01 Nov 2022 17:34

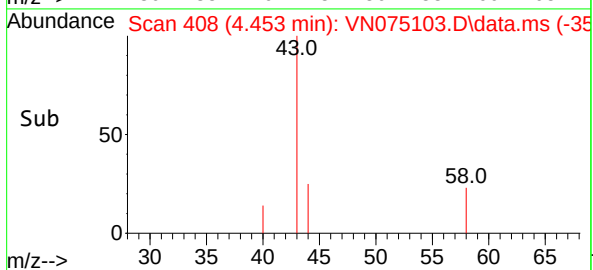
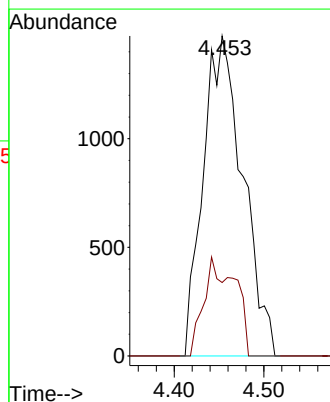
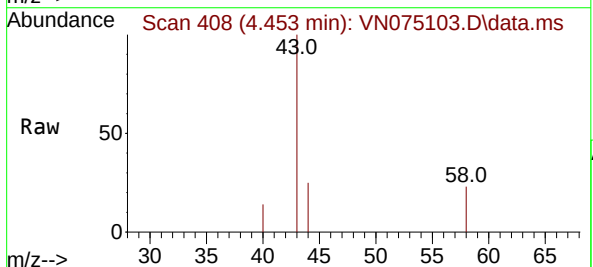
Instrument :
MSVOA_N
ClientSampleId :
AUD-1904

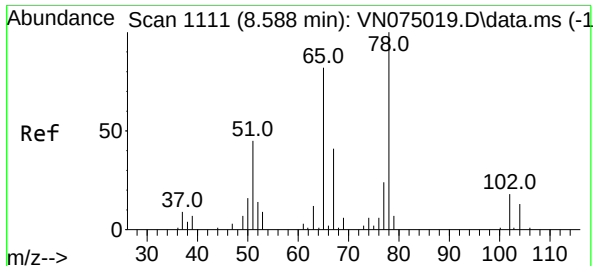
Tgt Ion:168 Resp: 103781
Ion Ratio Lower Upper
168 100
99 63.5 51.6 77.4



#16
Acetone
Concen: 7.649 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075103.D
Acq: 01 Nov 2022 17:34

Tgt Ion: 43 Resp: 4529
Ion Ratio Lower Upper
43 100
58 22.9 25.5 38.3#





#33

1,2-Dichloroethane-d4

Concen: 54.905 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075103.D

Acq: 01 Nov 2022 17:34

Instrument :

MSVOA_N

ClientSampleId :

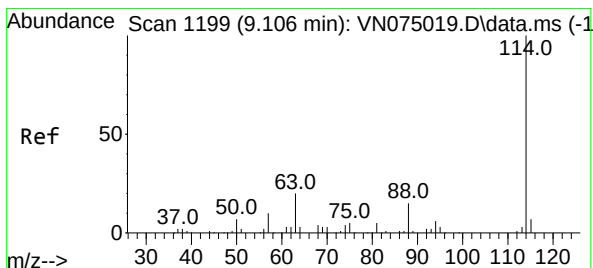
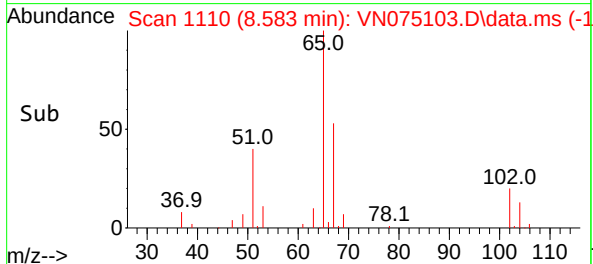
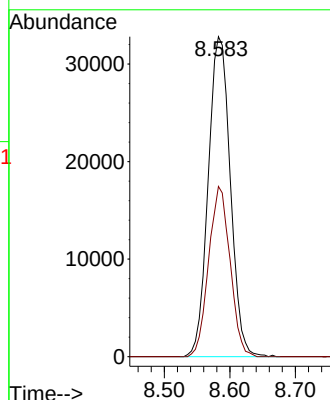
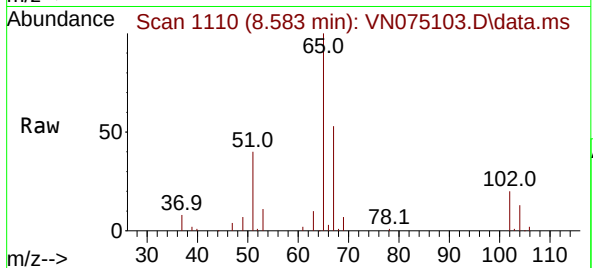
AUD-1904

Tgt Ion: 65 Resp: 76775

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075103.D

Acq: 01 Nov 2022 17:34

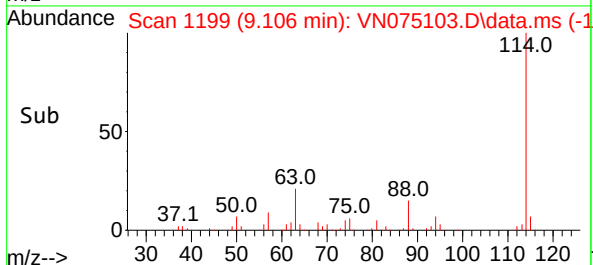
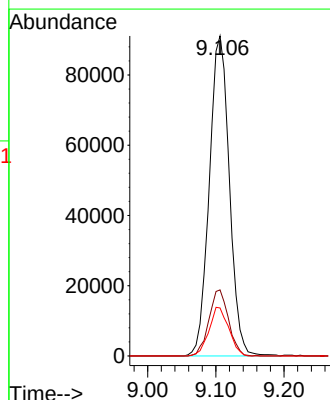
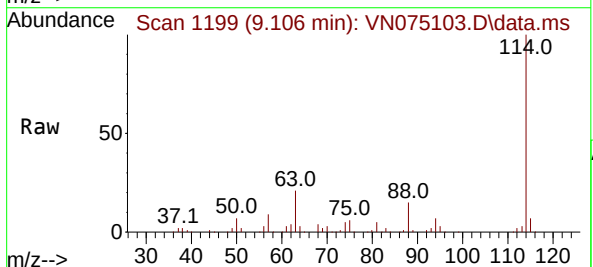
Tgt Ion: 114 Resp: 186754

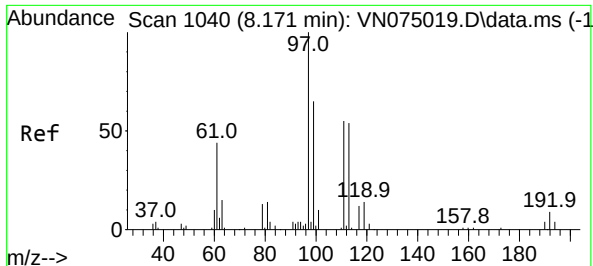
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.292 ug/l

RT: 8.171 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VN075103.D

Acq: 01 Nov 2022 17:34

Instrument :

MSVOA_N

ClientSampleId :

AUD-1904

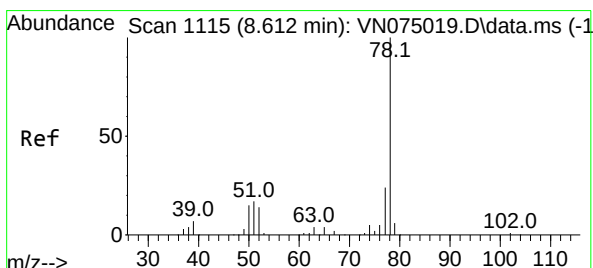
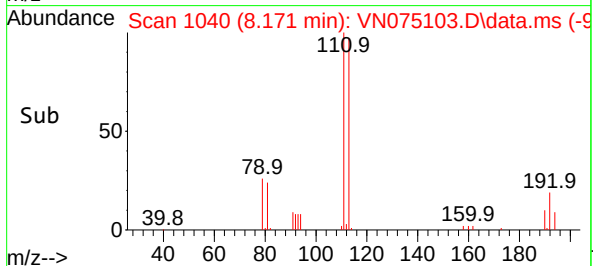
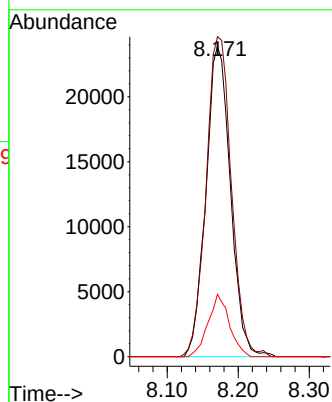
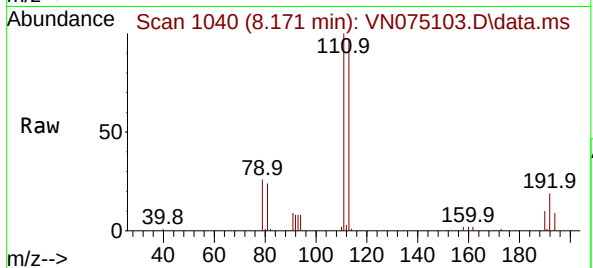
Tgt Ion:113 Resp: 57330

Ion Ratio Lower Upper

113 100

111 106.3 80.5 120.7

192 17.5 13.2 19.8



#40

Benzene

Concen: 0.346 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075103.D

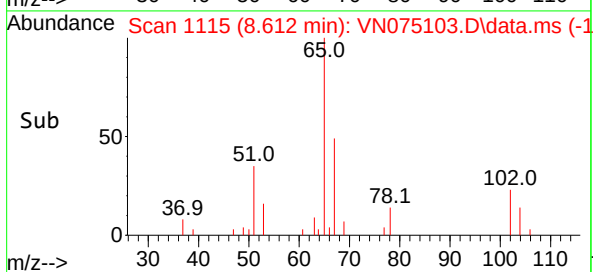
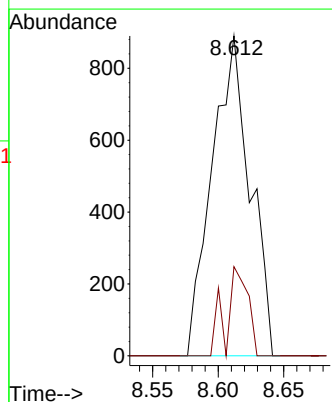
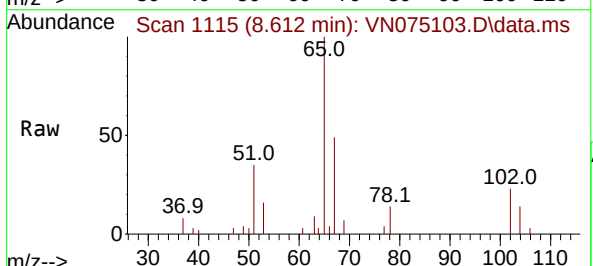
Acq: 01 Nov 2022 17:34

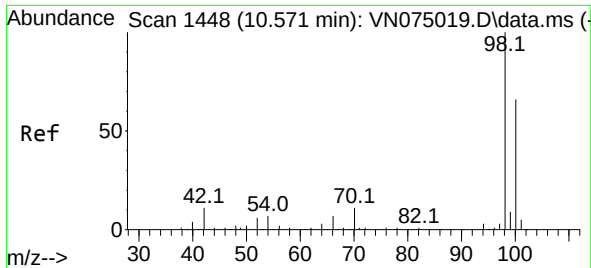
Tgt Ion: 78 Resp: 1797

Ion Ratio Lower Upper

78 100

77 27.9 19.4 29.0

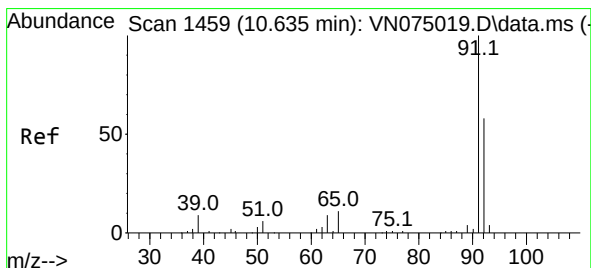
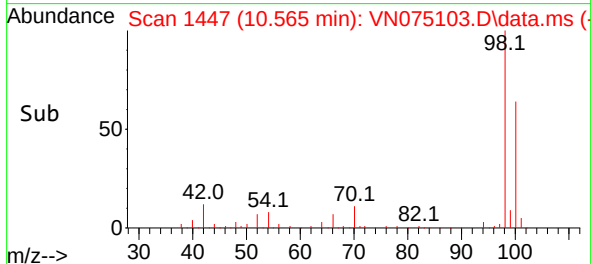
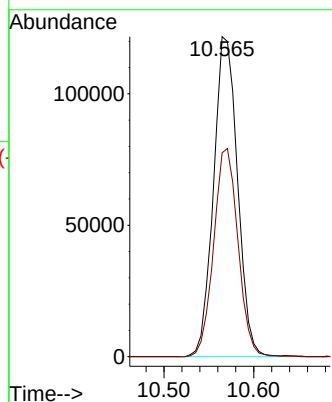
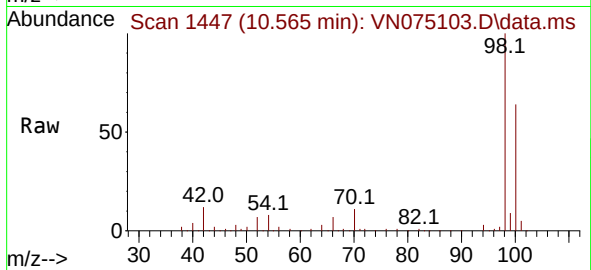




#50
Toluene-d8
Concen: 53.190 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075103.D
Acq: 01 Nov 2022 17:34

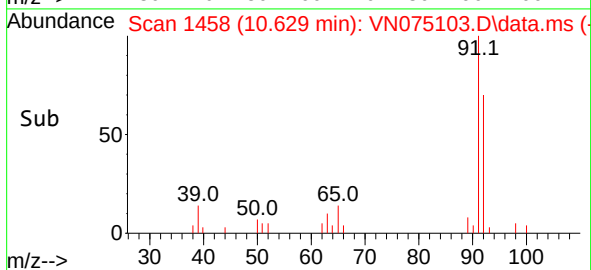
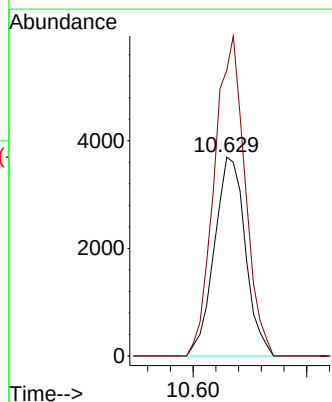
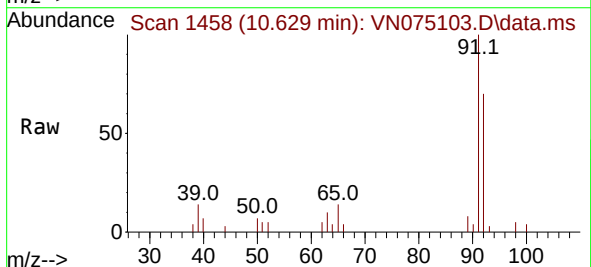
Instrument :
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AUD-1904

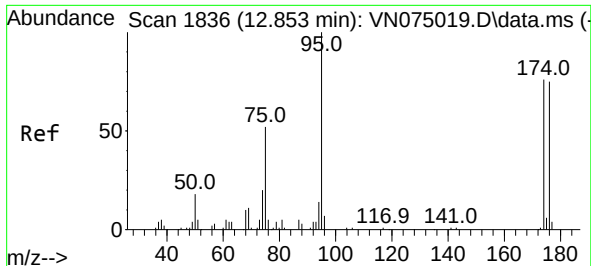
Tgt Ion: 98 Resp: 226243
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#52
Toluene
Concen: 2.016 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075103.D
Acq: 01 Nov 2022 17:34

Tgt Ion: 92 Resp: 7005
Ion Ratio Lower Upper
92 100
91 159.1 135.4 203.2





#62

4-Bromofluorobenzene

Concen: 49.659 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075103.D

Acq: 01 Nov 2022 17:34

Instrument :

MSVOA_N

ClientSampleId :

AUD-1904

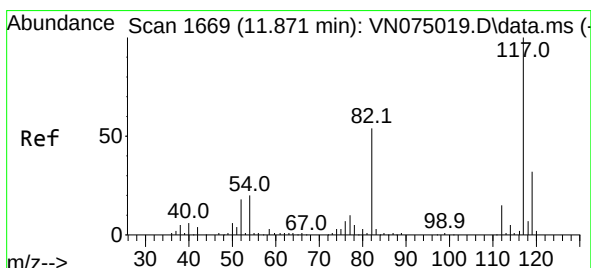
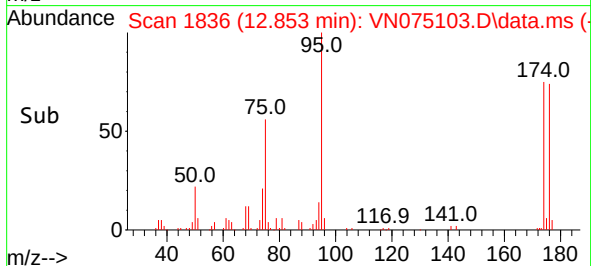
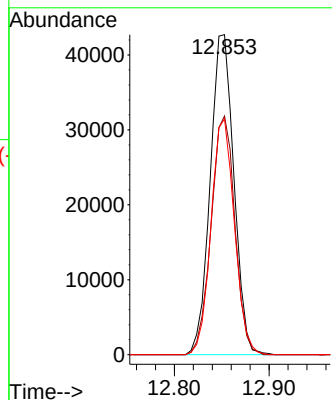
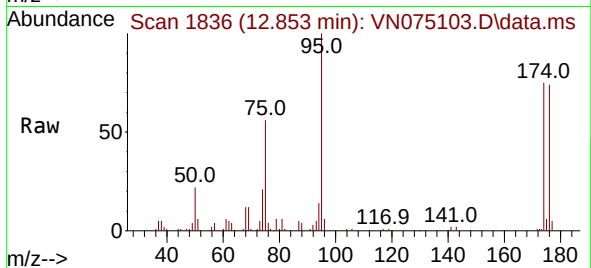
Tgt Ion: 95 Resp: 74199

Ion Ratio Lower Upper

95 100

174 74.4 0.0 147.4

176 72.7 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VN075103.D

Acq: 01 Nov 2022 17:34

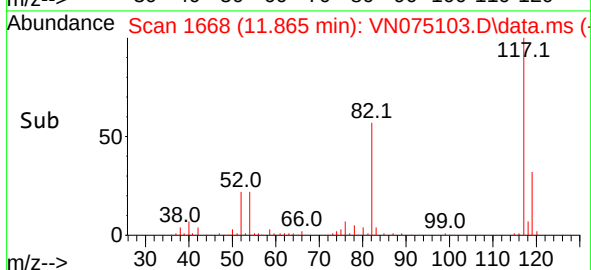
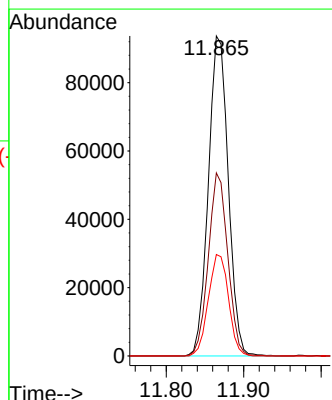
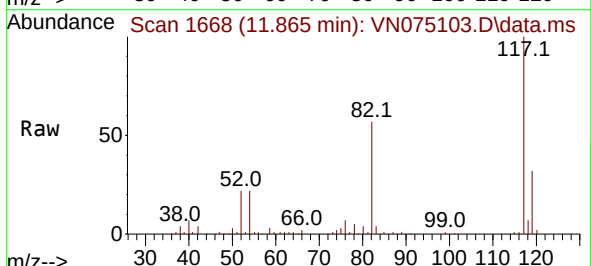
Tgt Ion: 117 Resp: 167276

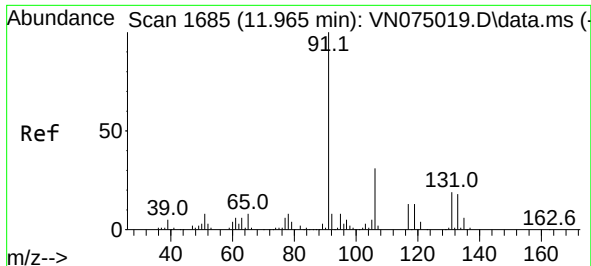
Ion Ratio Lower Upper

117 100

82 57.2 43.1 64.7

119 31.7 25.5 38.3





#67

Ethyl Benzene

Concen: 0.744 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075103.D

Acq: 01 Nov 2022 17:34

Instrument :

MSVOA_N

ClientSampleId :

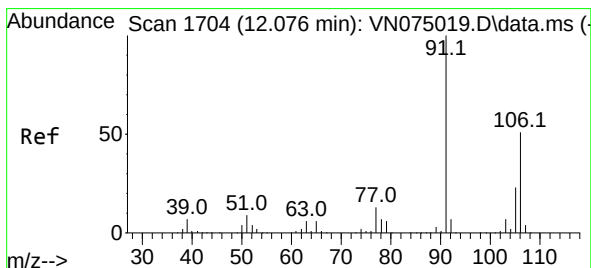
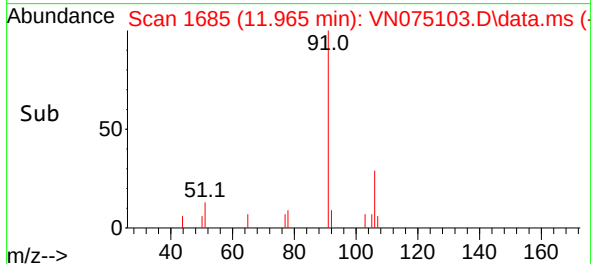
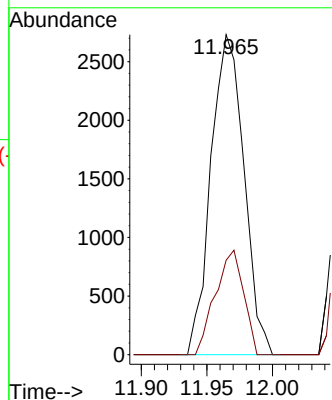
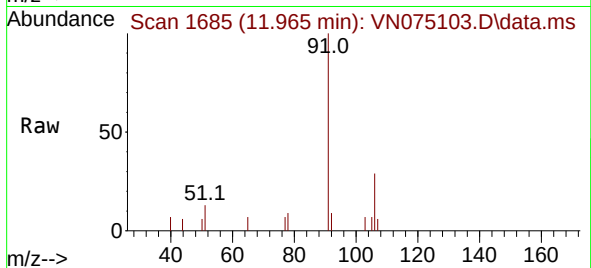
AUD-1904

Tgt Ion: 91 Resp: 4780

Ion Ratio Lower Upper

91 100

106 29.5 24.9 37.3



#68

m/p-Xylenes

Concen: 2.823 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. -0.005 min

Lab File: VN075103.D

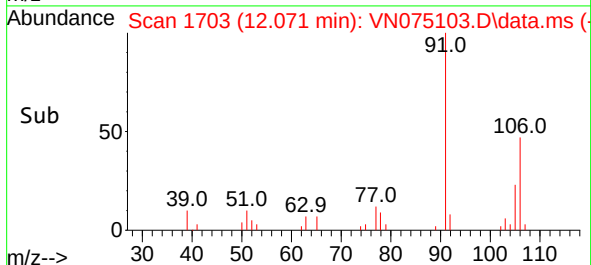
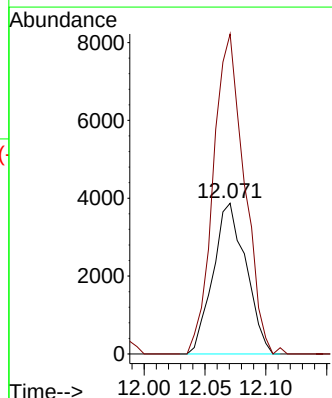
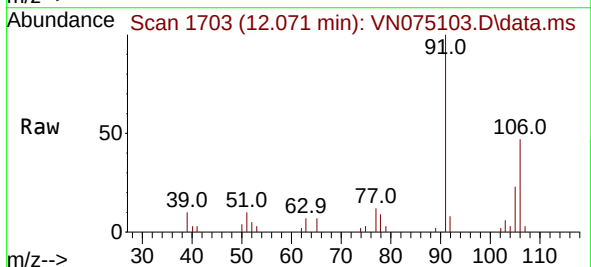
Acq: 01 Nov 2022 17:34

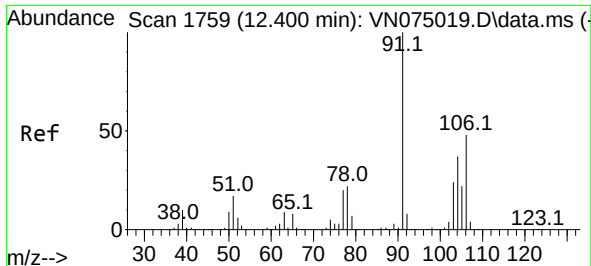
Tgt Ion: 106 Resp: 7277

Ion Ratio Lower Upper

106 100

91 201.2 156.0 234.0

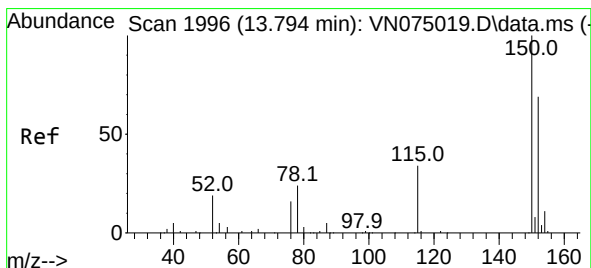
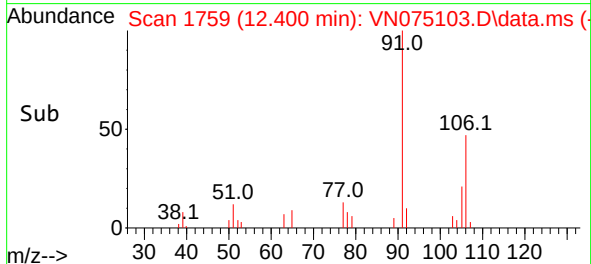
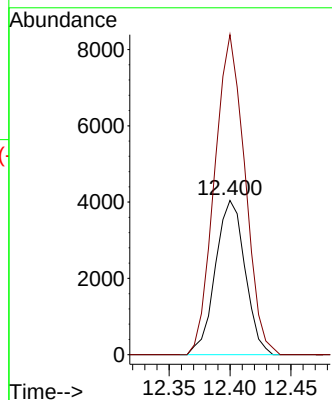
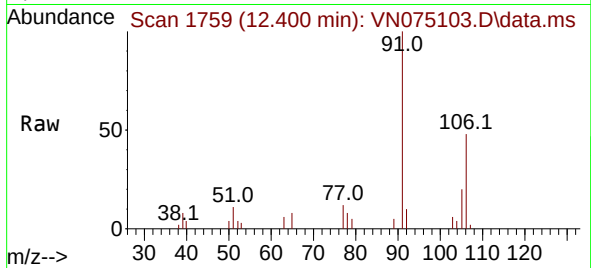




#69
o-Xylene
Concen: 2.692 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075103.D
Acq: 01 Nov 2022 17:34

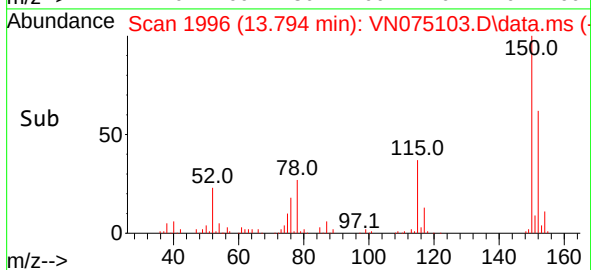
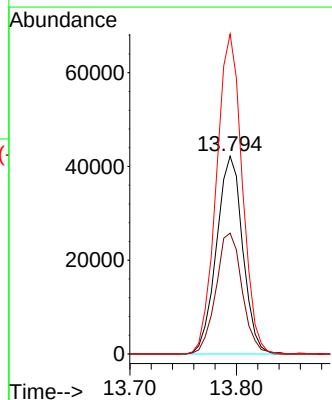
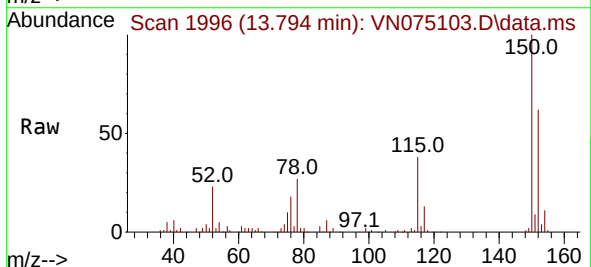
Instrument :
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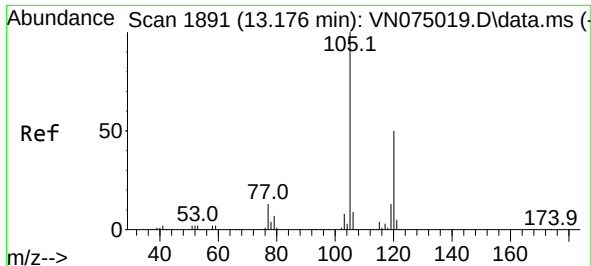
Tgt Ion:106 Resp: 6861
Ion Ratio Lower Upper
106 100
91 212.4 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075103.D
Acq: 01 Nov 2022 17:34

Tgt Ion:152 Resp: 71958
Ion Ratio Lower Upper
152 100
115 61.4 30.2 90.6
150 159.4 0.0 348.4

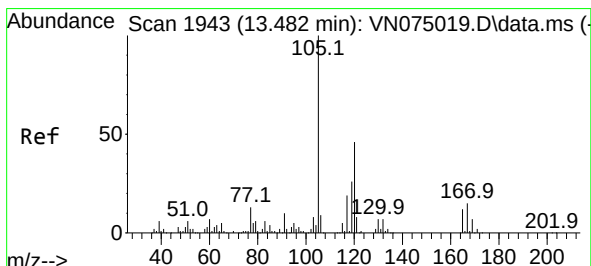
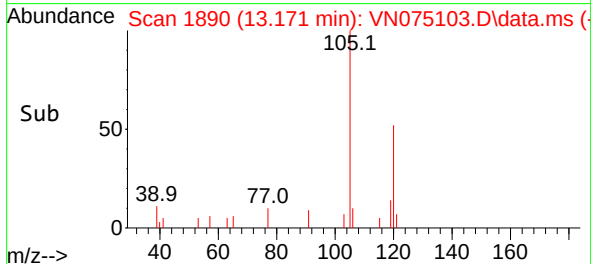
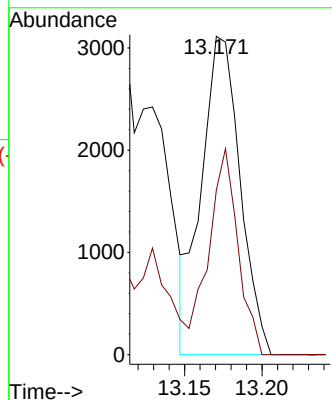
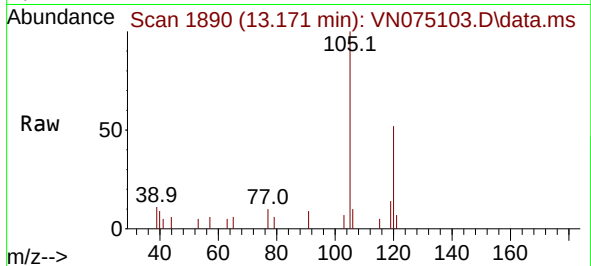




#80
 1,3,5-Trimethylbenzene
 Concen: 1.116 ug/l
 RT: 13.171 min Scan# 1890
 Delta R.T. -0.005 min
 Lab File: VN075103.D
 Acq: 01 Nov 2022 17:34

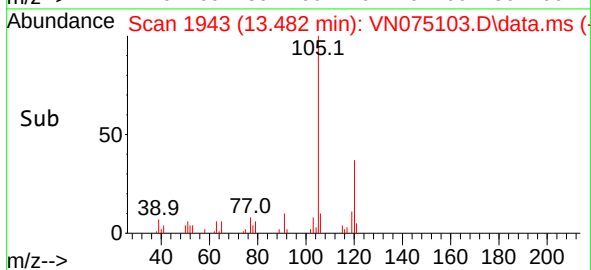
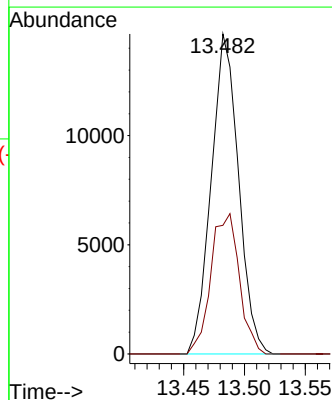
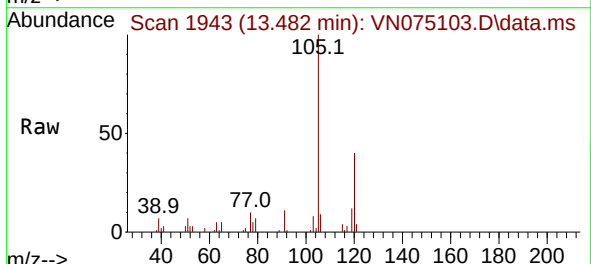
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1904

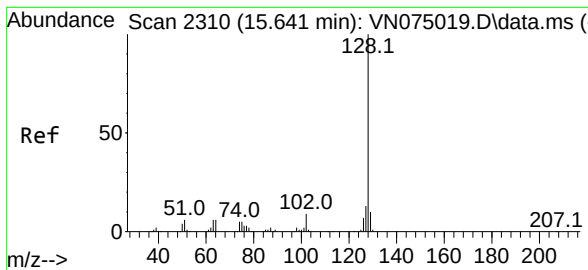
Tgt Ion:105 Resp: 5417
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.659 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075103.D
 Acq: 01 Nov 2022 17:34

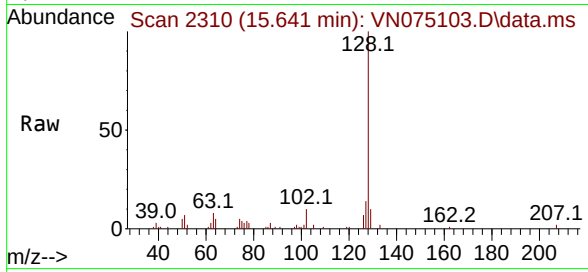
Tgt Ion:105 Resp: 22872
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1





#95
Naphthalene
Concen: 7.812 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075103.D
Acq: 01 Nov 2022 17:34

Instrument :
MSVOA_N
ClientSampleId :
AUD-1904



Tgt Ion:128 Resp: 32009
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 10.9 8.6 12.8

