

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080169.D
 Acq On : 17 Nov 2023 17:40
 Operator : JC\MD
 Sample : 05462-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-21

Quant Time: Nov 18 02:34:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

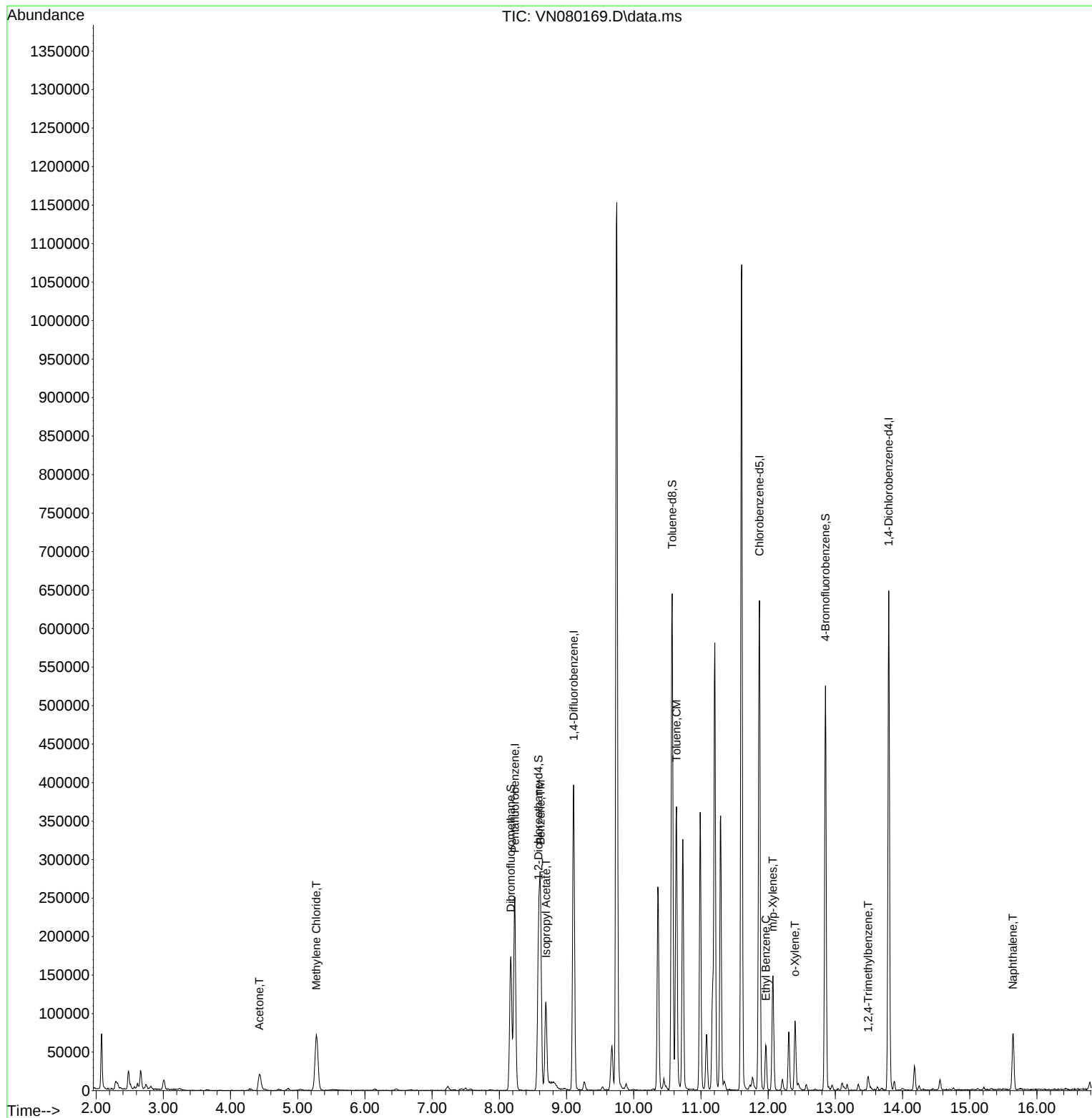
Internal Standards						
1) Pentafluorobenzene	8.230	168	167009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	321551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	358061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156605	56.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.580%	
35) Dibromofluoromethane	8.171	113	120965	50.984	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.960%	
50) Toluene-d8	10.571	98	444293	51.947	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	12.853	95	183256	56.726	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	42053	45.404	ug/l	95
20) Methylene Chloride	5.277	84	59895	30.880	ug/l	94
40) Benzene	8.612	78	248721	25.476	ug/l	100
43) Isopropyl Acetate	8.694	43	129370	27.901	ug/l #	84
52) Toluene	10.635	92	162940	26.668	ug/l	98
67) Ethyl Benzene	11.965	91	32944	2.282	ug/l	93
68) m/p-Xylenes	12.071	106	45869	8.714	ug/l	92
69) o-Xylene	12.400	106	23249	4.686	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	11246	1.010	ug/l	84
95) Naphthalene	15.641	128	70353	7.385	ug/l	99

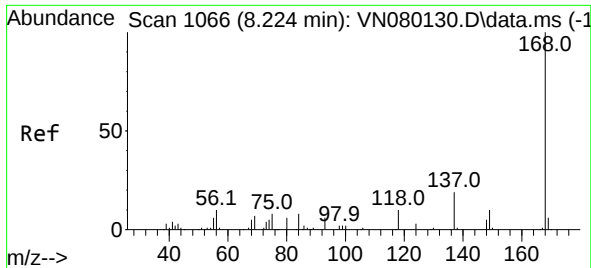
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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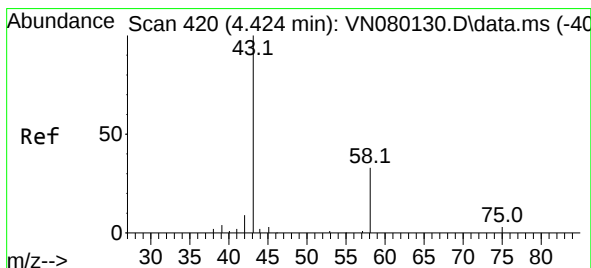
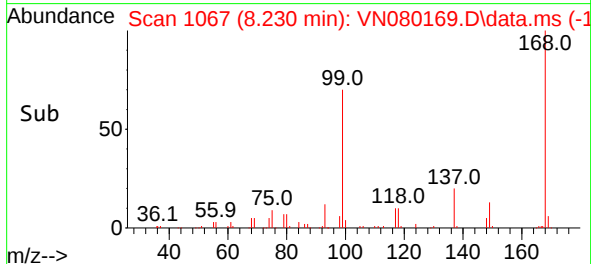
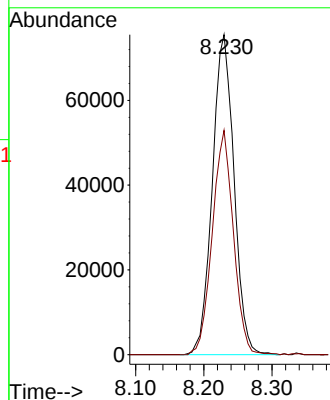
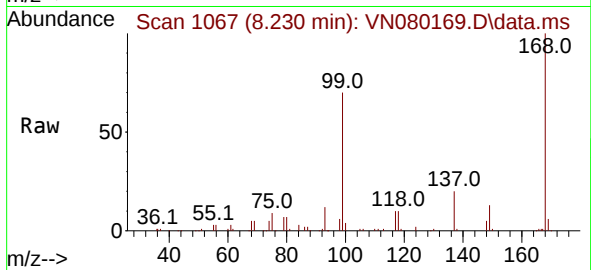




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080169.D
Acq: 17 Nov 2023 17:40

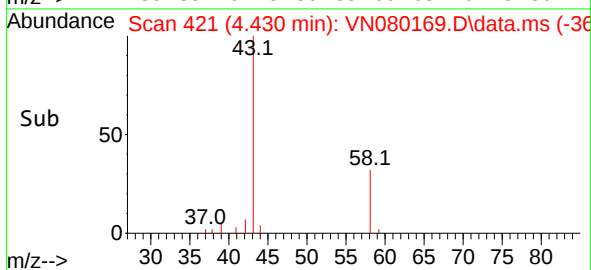
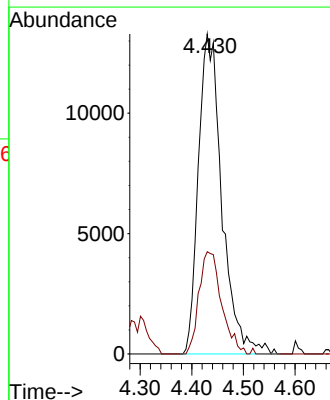
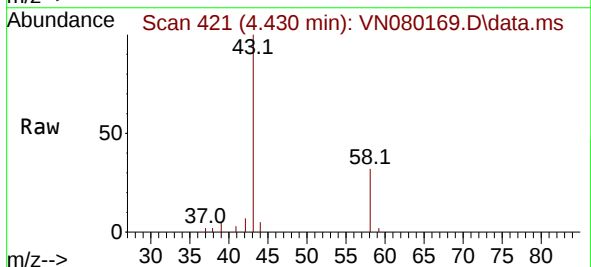
Instrument :
MSVOA_N
ClientSampleId :
S-21

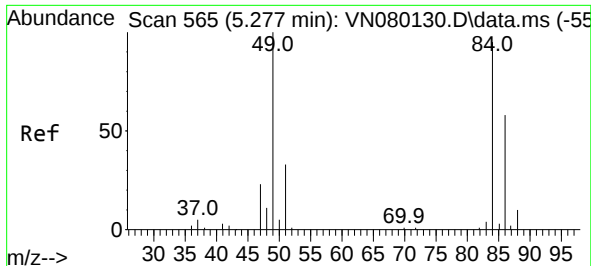
Tgt Ion:168 Resp: 167009
Ion Ratio Lower Upper
168 100
99 70.1 53.0 79.6



#16
Acetone
Concen: 45.404 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080169.D
Acq: 17 Nov 2023 17:40

Tgt Ion: 43 Resp: 42053
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0

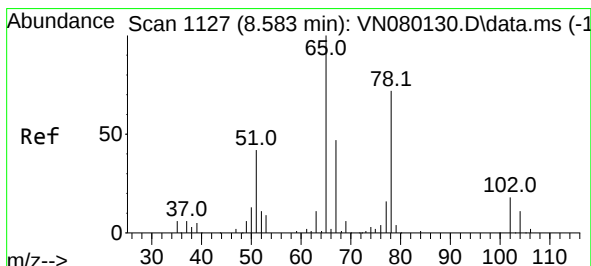
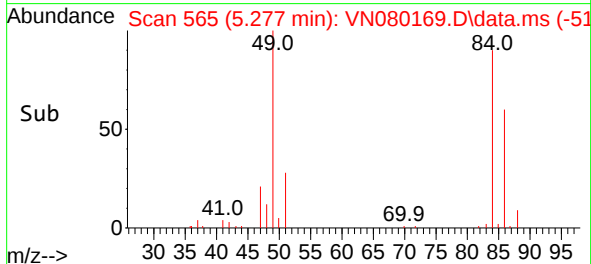
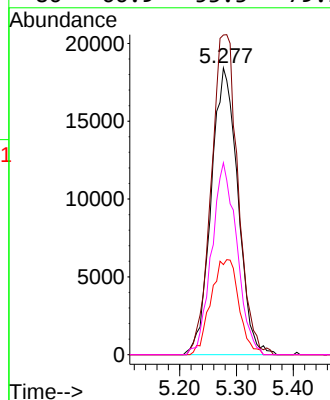
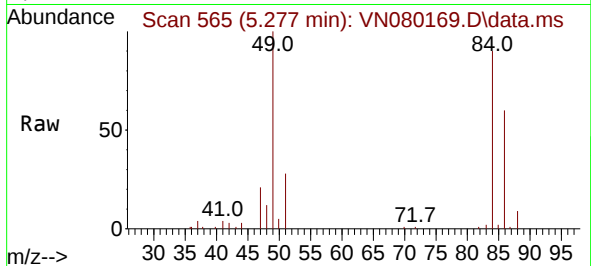




#20
Methylene Chloride
Concen: 30.880 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080169.D
Acq: 17 Nov 2023 17:40

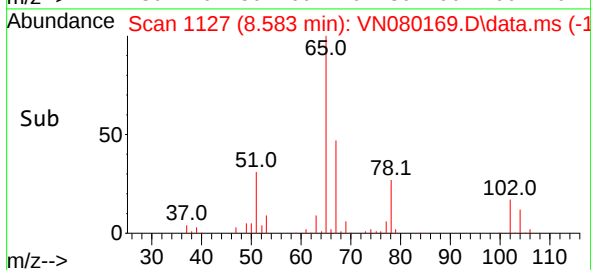
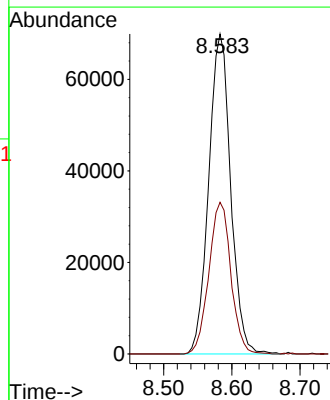
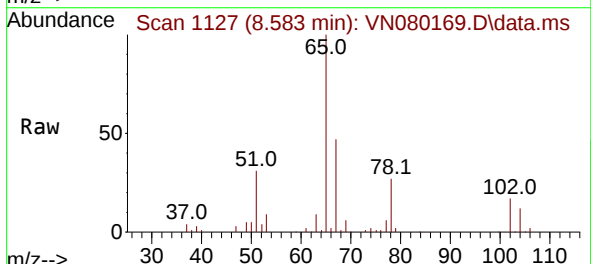
Instrument :
MSVOA_N
ClientSampleId :
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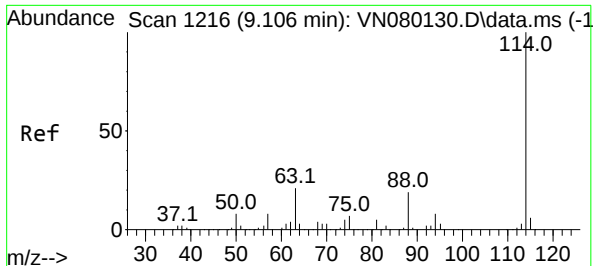
Tgt Ion:	84	Resp:	59895
Ion	Ratio	Lower	Upper
84	100		
49	111.5	79.7	119.5
51	31.4	25.2	37.8
86	66.9	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 56.791 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080169.D
Acq: 17 Nov 2023 17:40

Tgt Ion:	65	Resp:	156605
Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080169.D

Acq: 17 Nov 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

S-21

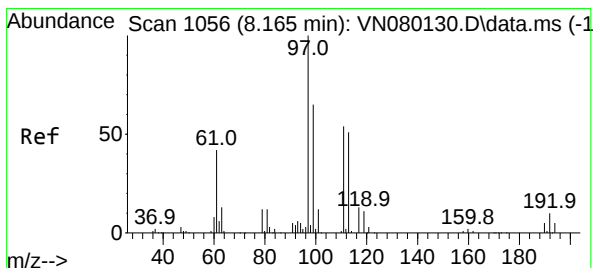
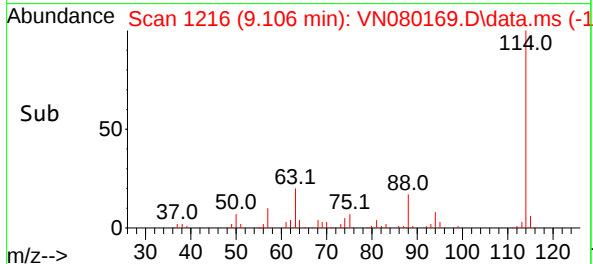
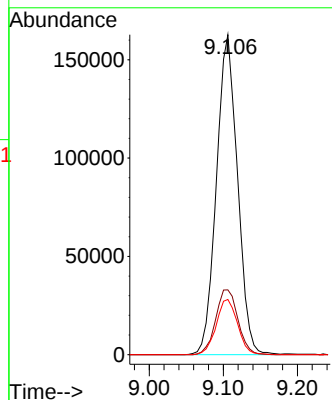
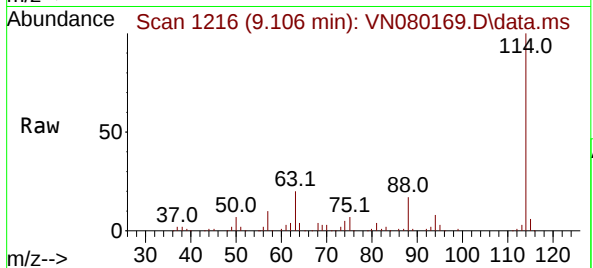
Tgt Ion:114 Resp: 321551

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 17.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.984 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080169.D

Acq: 17 Nov 2023 17:40

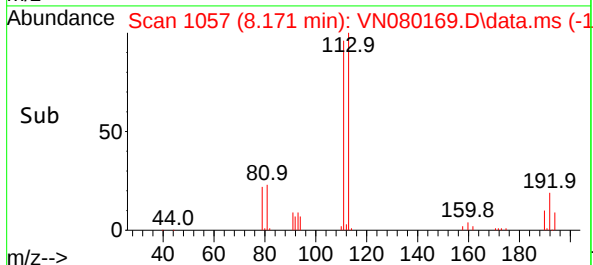
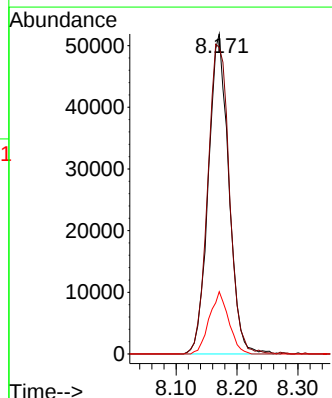
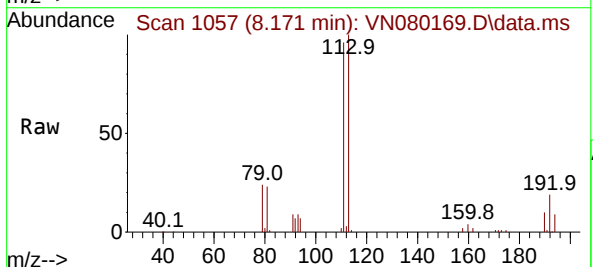
Tgt Ion:113 Resp: 120965

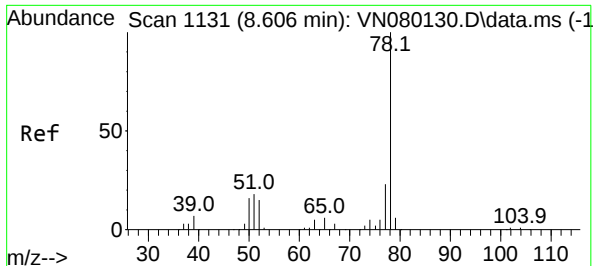
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 18.5 12.7 19.1





#40

Benzene

Concen: 25.476 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080169.D

Acq: 17 Nov 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

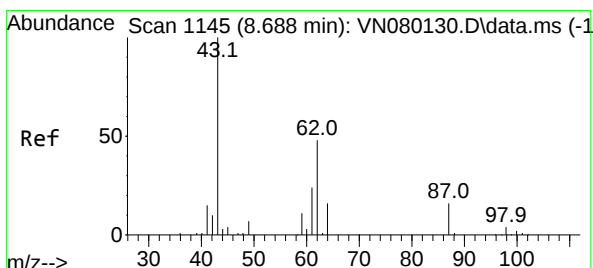
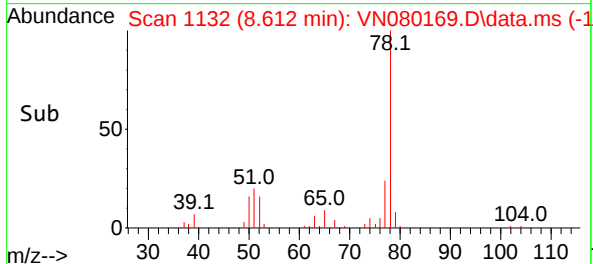
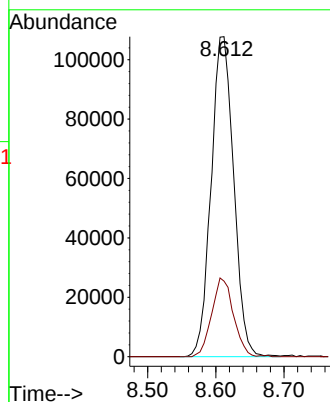
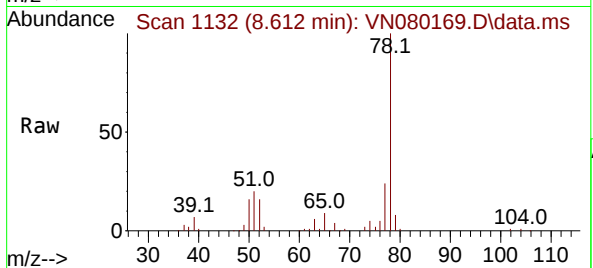
S-21

Tgt Ion: 78 Resp: 248721

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



#43

Isopropyl Acetate

Concen: 27.901 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080169.D

Acq: 17 Nov 2023 17:40

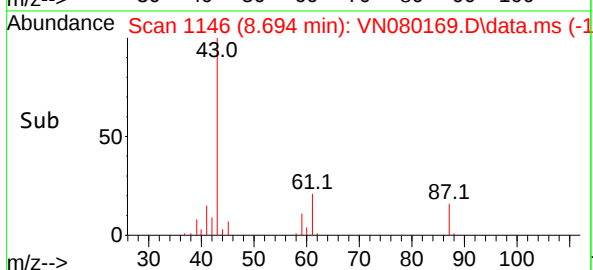
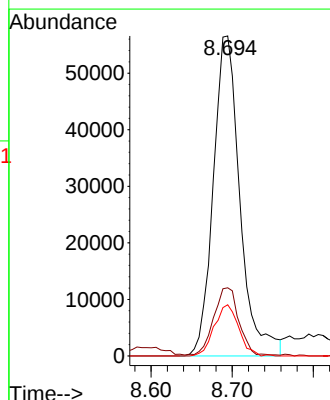
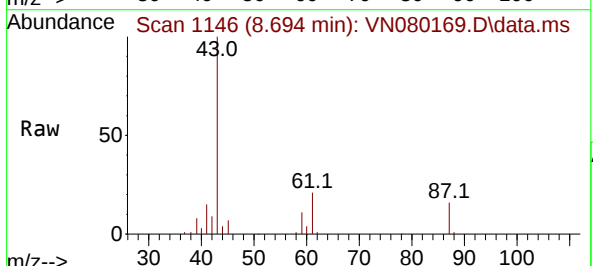
Tgt Ion: 43 Resp: 129370

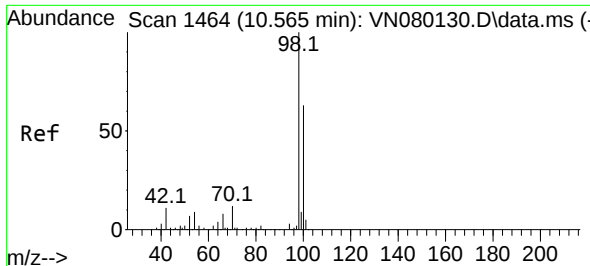
Ion Ratio Lower Upper

43 100

61 19.7 24.7 37.1#

87 14.7 14.6 21.8

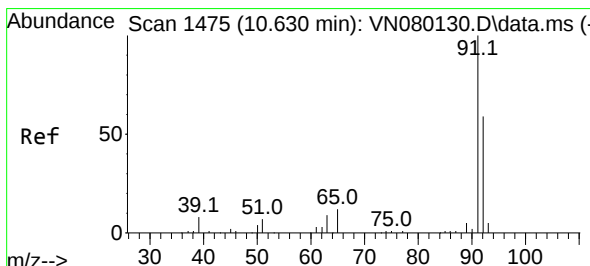
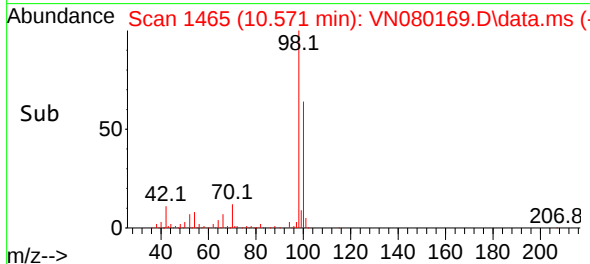
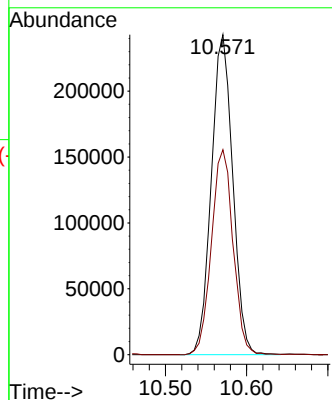
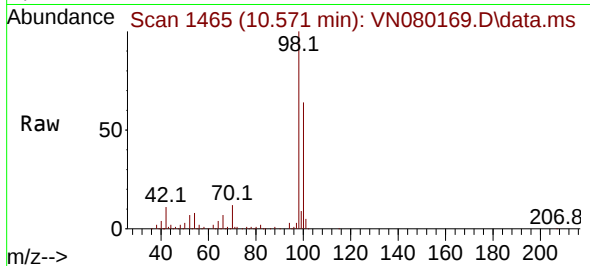




#50
Toluene-d8
Concen: 51.947 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080169.D
Acq: 17 Nov 2023 17:40

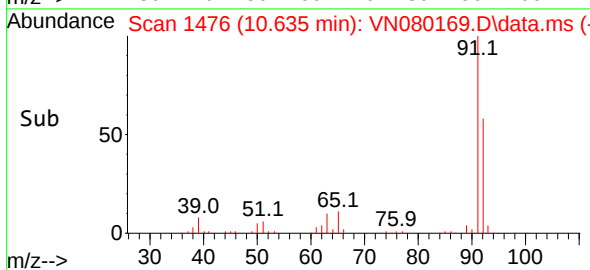
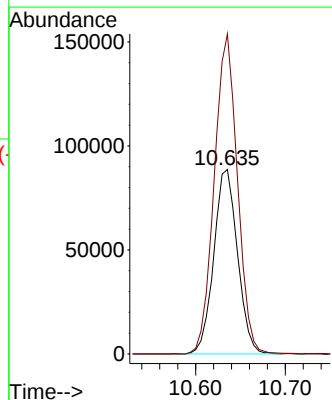
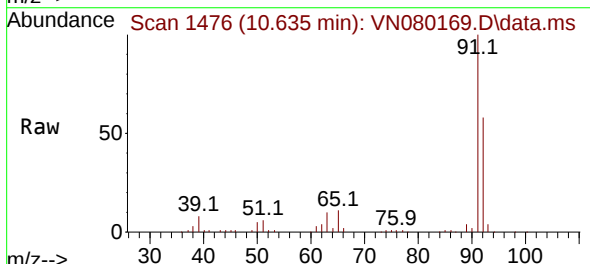
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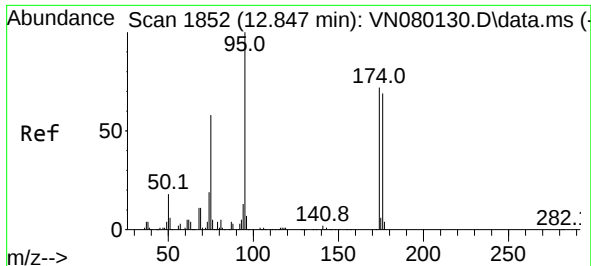
Tgt Ion: 98 Resp: 444293
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#52
Toluene
Concen: 26.668 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080169.D
Acq: 17 Nov 2023 17:40

Tgt Ion: 92 Resp: 162940
Ion Ratio Lower Upper
92 100
91 169.4 137.4 206.0

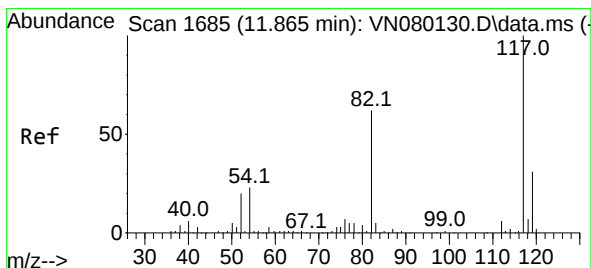
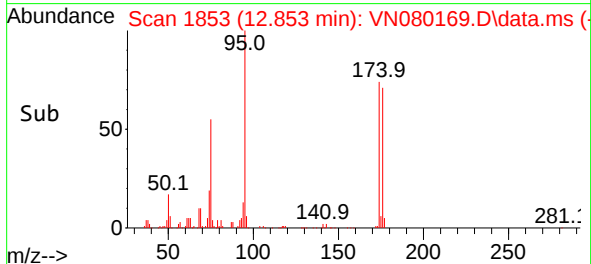
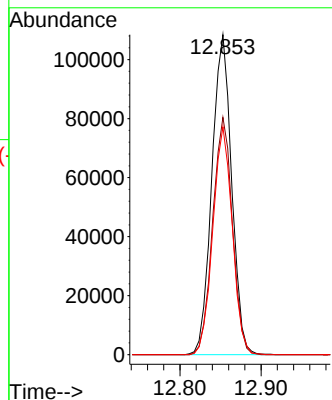
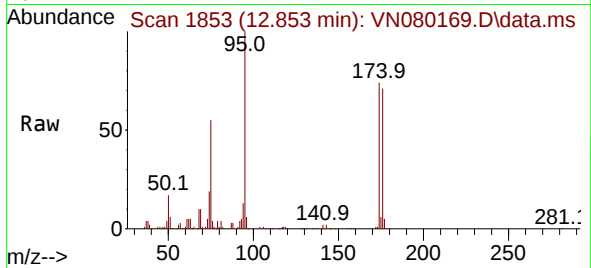




#62
4-Bromofluorobenzene
Concen: 56.726 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080169.D
Acq: 17 Nov 2023 17:40

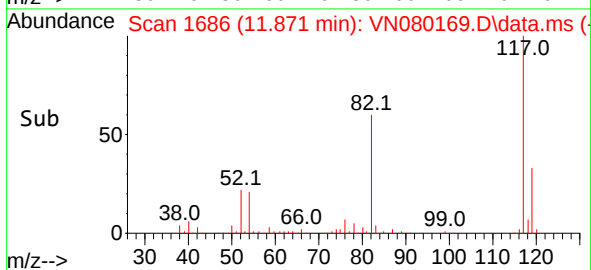
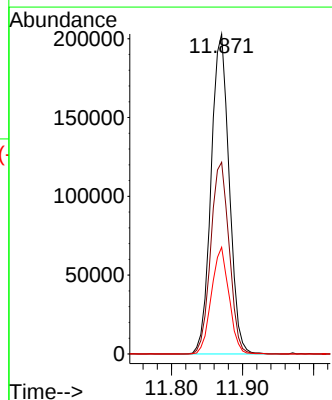
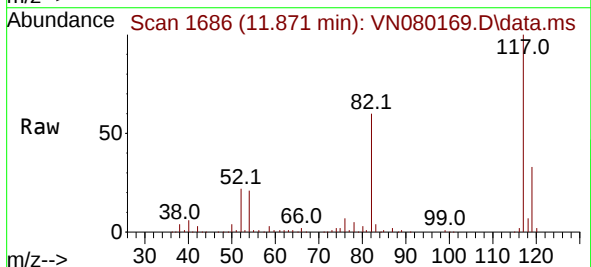
Instrument :
MSVOA_N
ClientSampleId :
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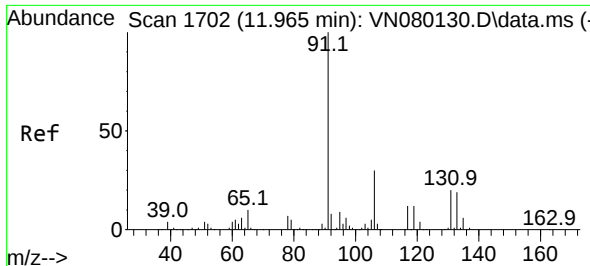
Tgt Ion: 95 Resp: 183256
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 70.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080169.D
Acq: 17 Nov 2023 17:40

Tgt Ion: 117 Resp: 358061
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 33.4 25.6 38.4





#67

Ethyl Benzene

Concen: 2.282 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080169.D

Acq: 17 Nov 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

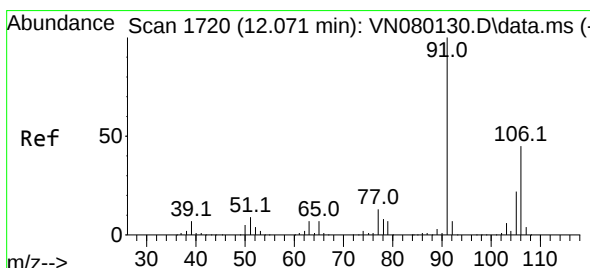
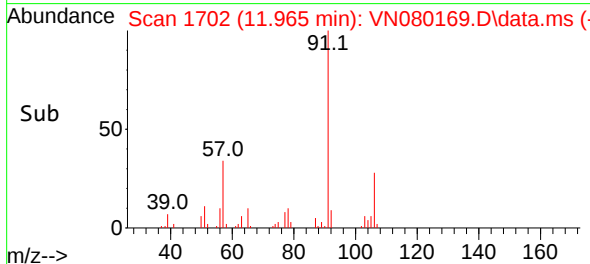
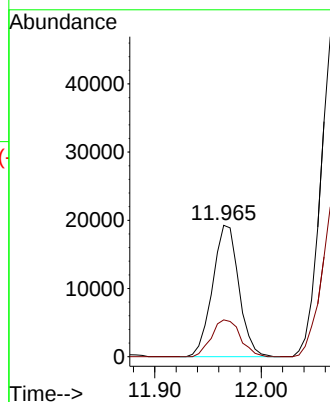
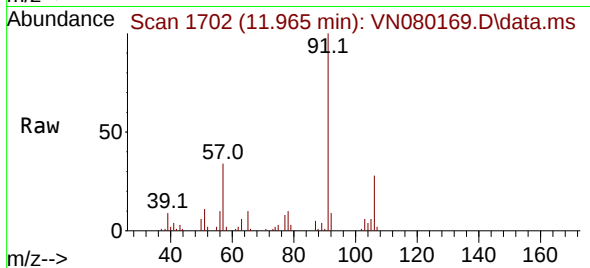
S-21

Tgt Ion: 91 Resp: 32944

Ion Ratio Lower Upper

91 100

106 28.0 25.6 38.4



#68

m/p-Xylenes

Concen: 8.714 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN080169.D

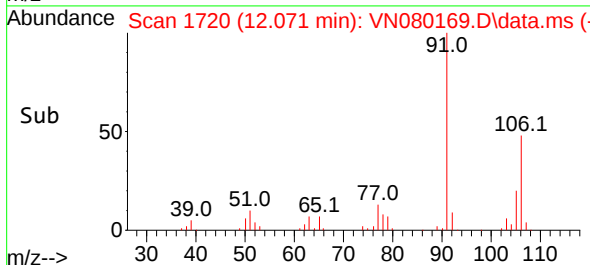
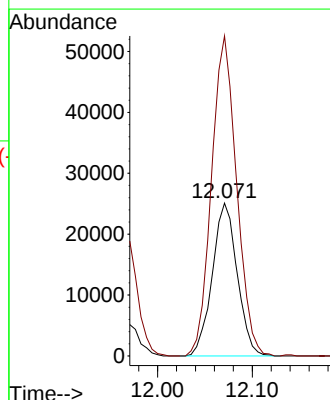
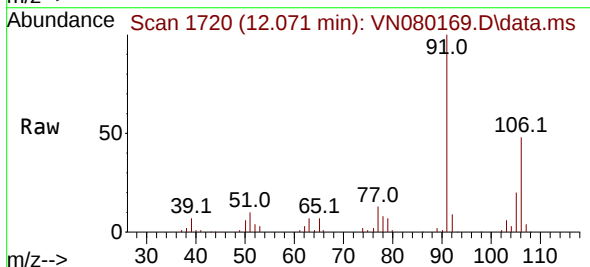
Acq: 17 Nov 2023 17:40

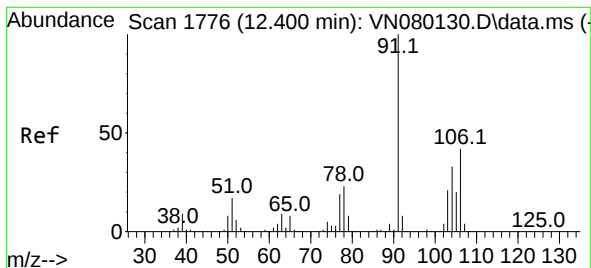
Tgt Ion: 106 Resp: 45869

Ion Ratio Lower Upper

106 100

91 211.0 159.6 239.4





#69

o-Xylene

Concen: 4.686 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080169.D

Acq: 17 Nov 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

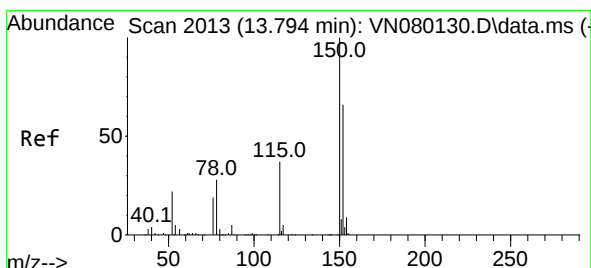
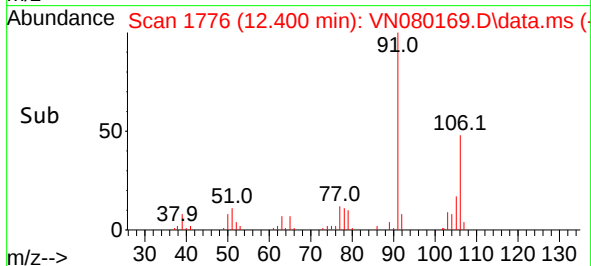
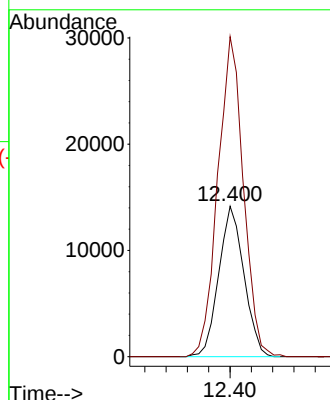
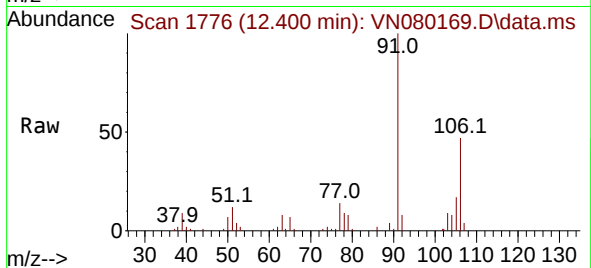
S-21

Tgt Ion:106 Resp: 23249

Ion Ratio Lower Upper

106 100

91 215.7 105.2 315.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080169.D

Acq: 17 Nov 2023 17:40

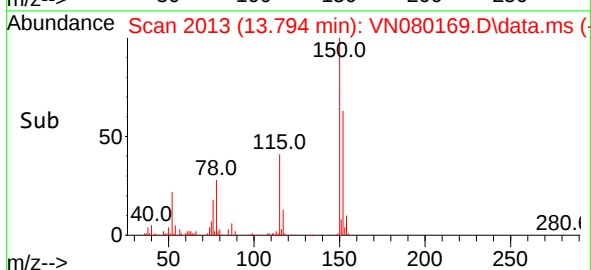
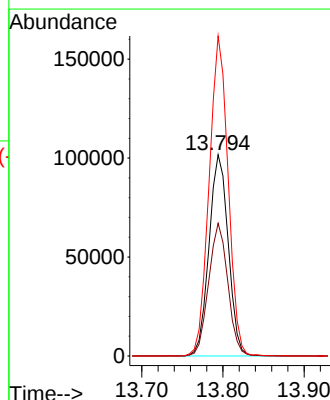
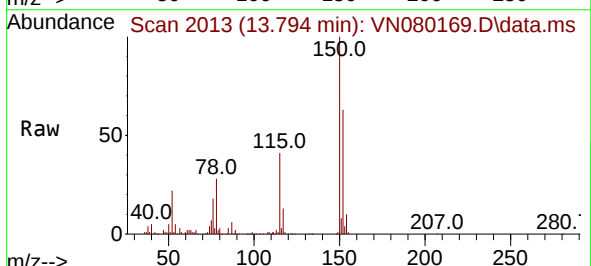
Tgt Ion:152 Resp: 167222

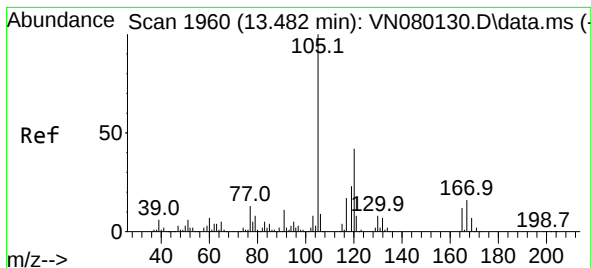
Ion Ratio Lower Upper

152 100

115 65.8 32.3 96.8

150 156.7 0.0 355.8





#84

1,2,4-Trimethylbenzene

Concen: 1.010 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN080169.D

Acq: 17 Nov 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

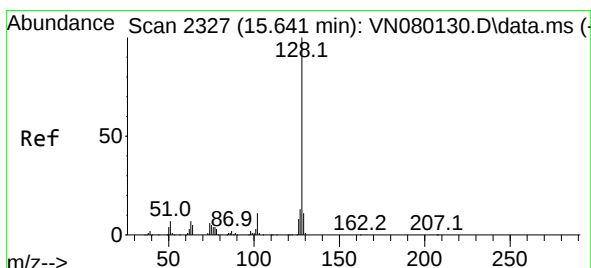
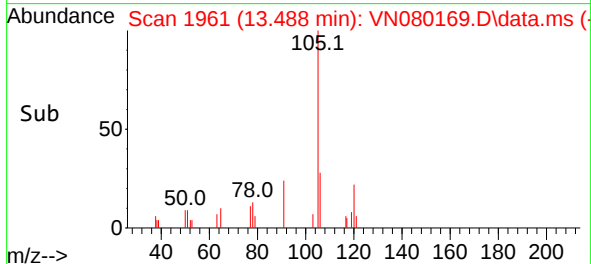
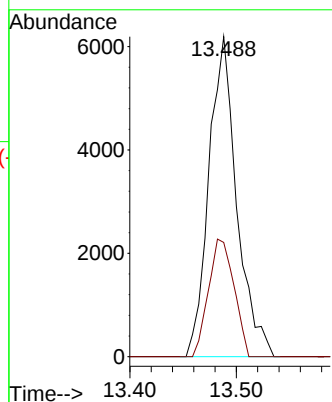
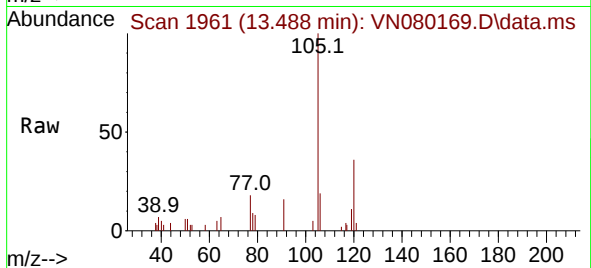
S-21

Tgt Ion:105 Resp: 11246

Ion Ratio Lower Upper

105 100

120 33.6 22.0 66.0



#95

Naphthalene

Concen: 7.385 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080169.D

Acq: 17 Nov 2023 17:40

Tgt Ion:128 Resp: 70353

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 11.3 8.7 13.1

