

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083788.D
 Acq On : 11 Sep 2024 11:38
 Operator : JC\MD
 Sample : P3891-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-SBG

Quant Time: Sep 11 11:57:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

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

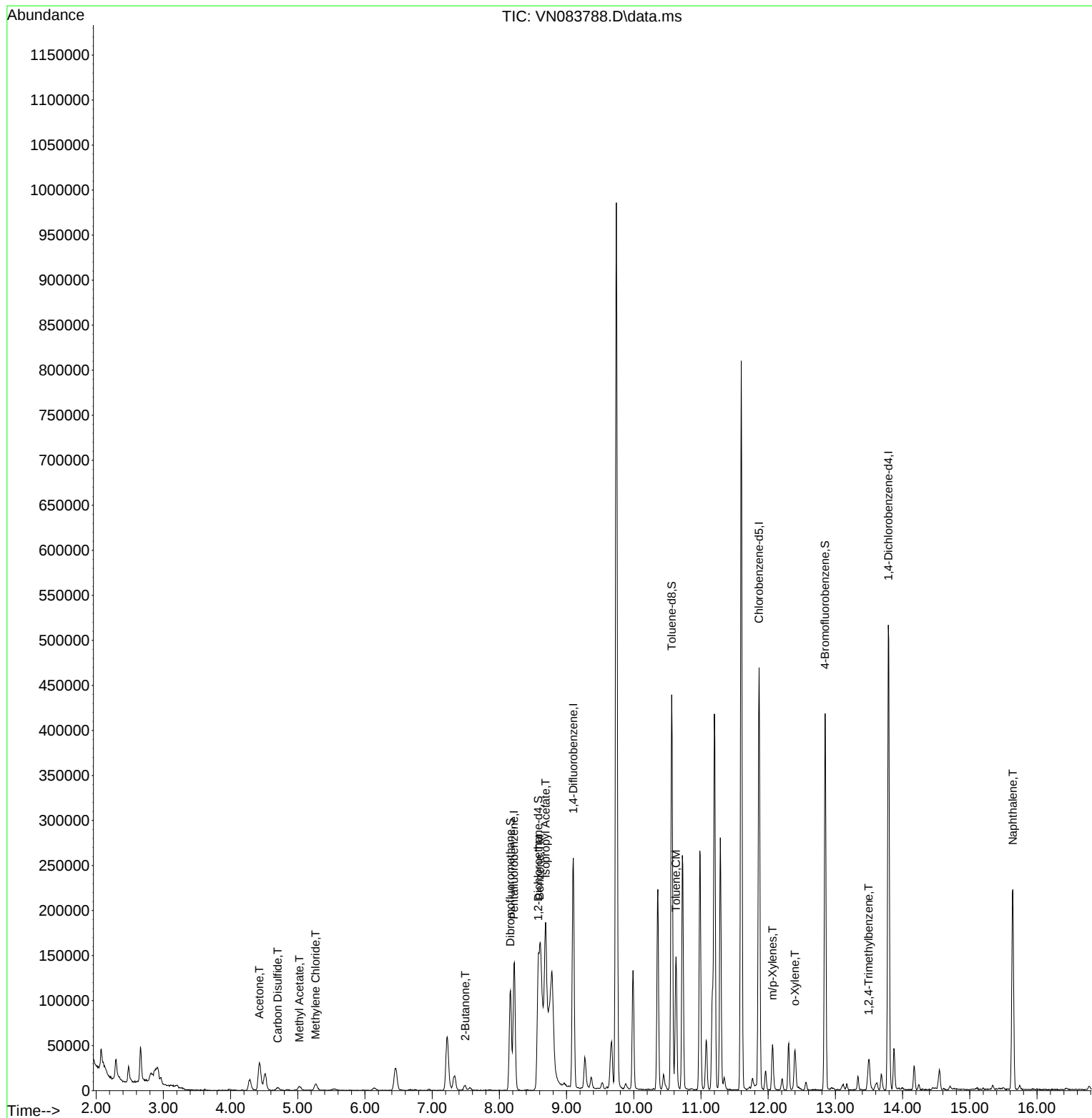
Internal Standards						
1) Pentafluorobenzene	8.218	168	95282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97819	68.085	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 136.180%#			
35) Dibromofluoromethane	8.165	113	77973	58.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.480%			
50) Toluene-d8	10.565	98	284070	61.901	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 123.800%#			
62) 4-Bromofluorobenzene	12.847	95	138894	73.359	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 146.720%#			
Target Compounds					Qvalue	
16) Acetone	4.430	43	57157	99.240	ug/l	96
17) Carbon Disulfide	4.700	76	7549	2.619	ug/l	99
18) Methyl Acetate	5.024	43	9007	5.868	ug/l	97
20) Methylene Chloride	5.265	84	5676	4.816	ug/l	94
25) 2-Butanone	7.494	43	9725	12.847	ug/l	99
40) Benzene	8.600	78	112051	18.632	ug/l	97
43) Isopropyl Acetate	8.688	43	145509	44.275	ug/l #	90
52) Toluene	10.629	92	62634	17.027	ug/l	96
68) m/p-Xylenes	12.065	106	14484	3.916	ug/l	95
69) o-Xylene	12.400	106	9355	2.613	ug/l	99
84) 1,2,4-Trimethylbenzene	13.494	105	18014	2.073	ug/l #	56
95) Naphthalene	15.641	128	199798	27.209	ug/l	100

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

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Quant Time: Sep 11 11:57:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration

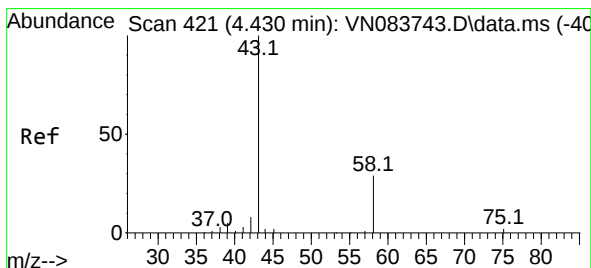
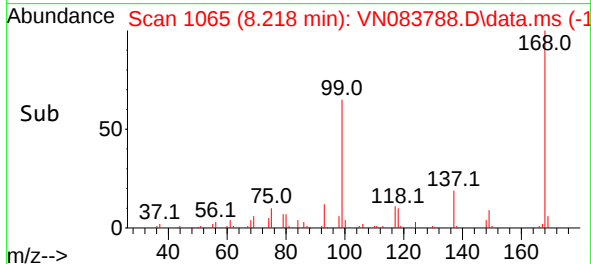
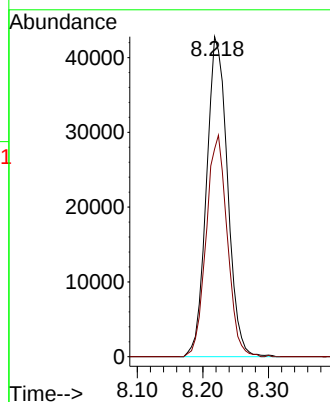
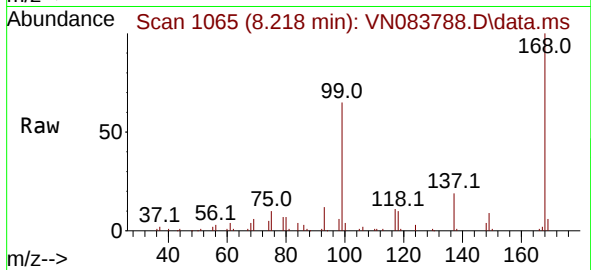




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

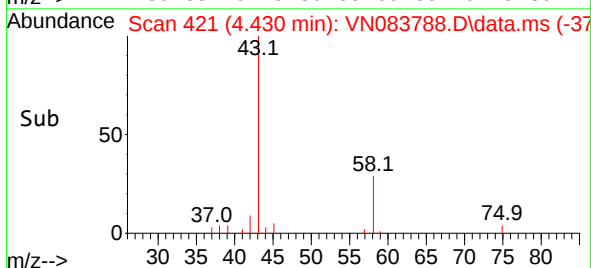
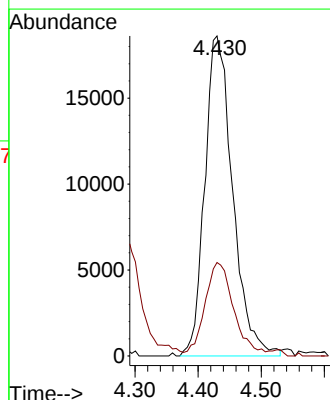
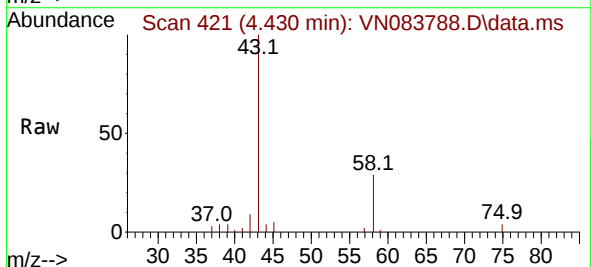
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG

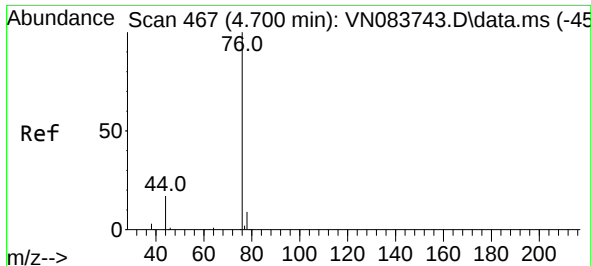
Tgt Ion:168 Resp: 95282
Ion Ratio Lower Upper
168 100
99 64.9 54.2 81.2



#16
Acetone
Concen: 99.240 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

Tgt Ion: 43 Resp: 57157
Ion Ratio Lower Upper
43 100
58 27.7 23.7 35.5





#17

Carbon Disulfide

Concen: 2.619 ug/l

RT: 4.700 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN083788.D

Acq: 11 Sep 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

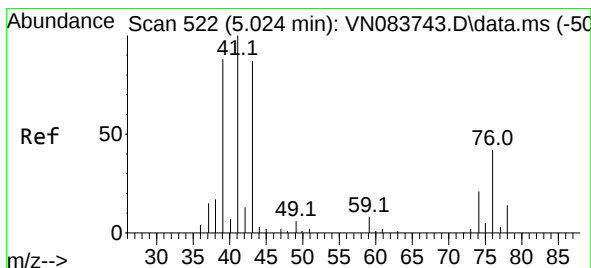
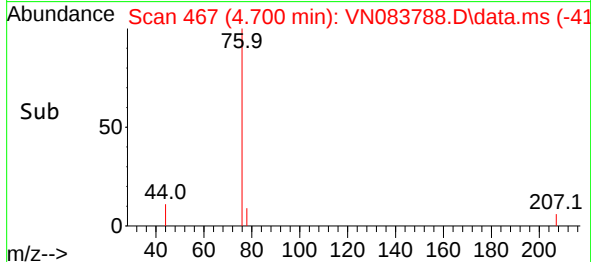
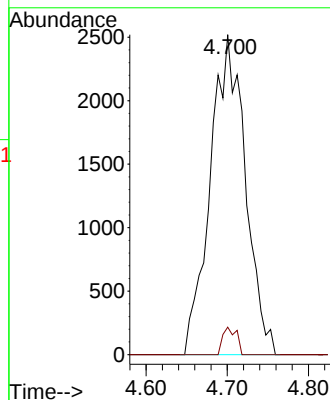
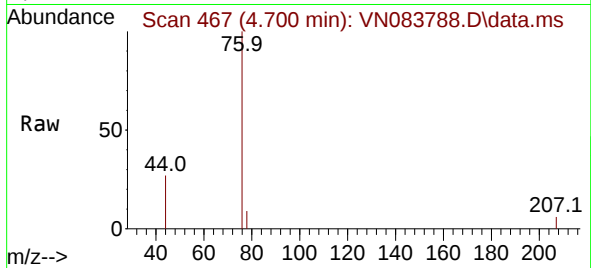
AUD-SBG

Tgt Ion: 76 Resp: 7549

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



#18

Methyl Acetate

Concen: 5.868 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN083788.D

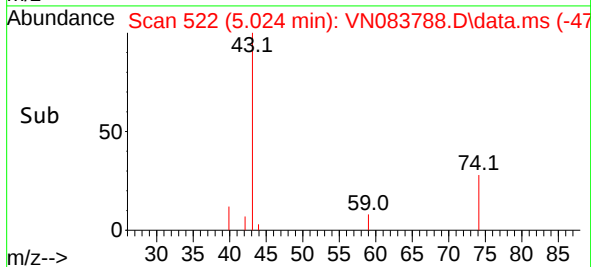
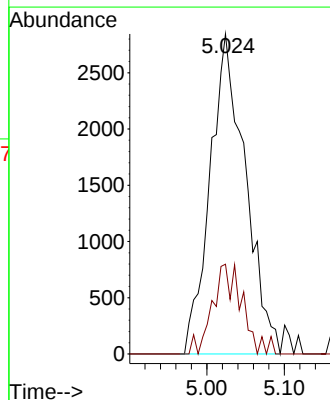
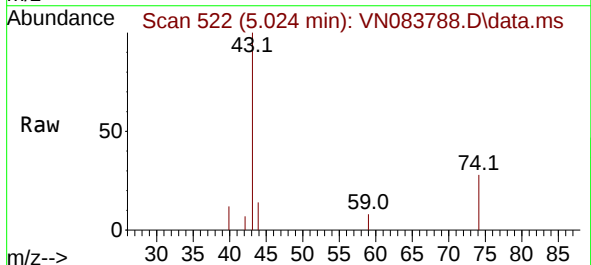
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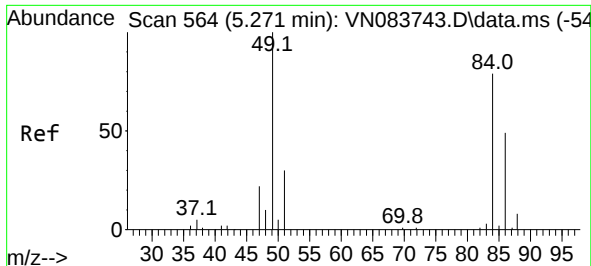
Tgt Ion: 43 Resp: 9007

Ion Ratio Lower Upper

43 100

74 22.3 19.0 28.4

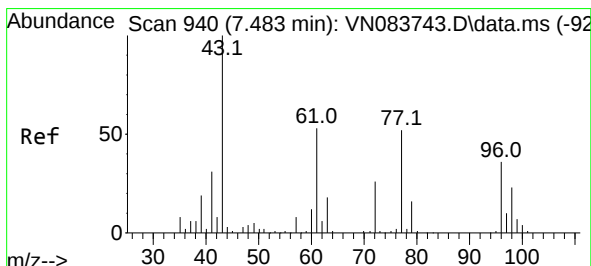
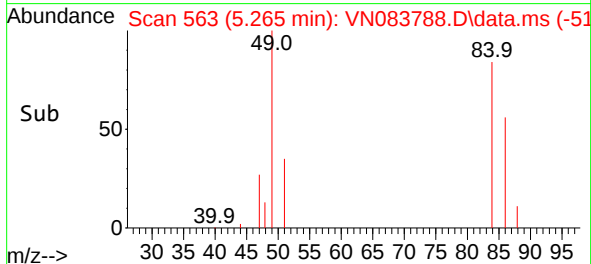
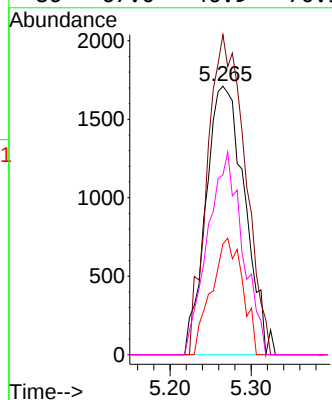
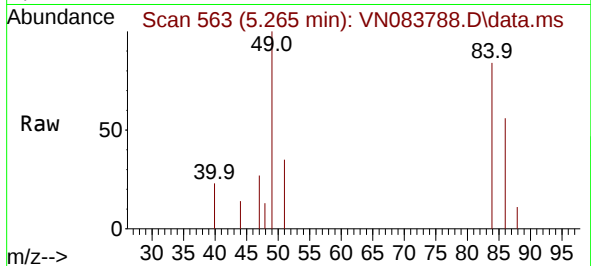




#20
Methylene Chloride
Concen: 4.816 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

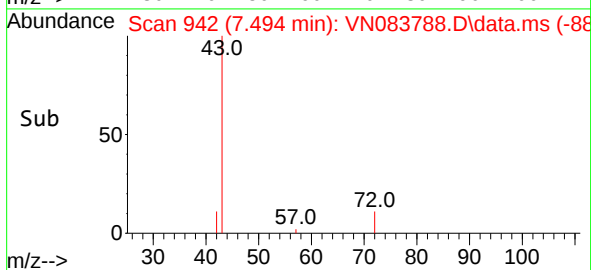
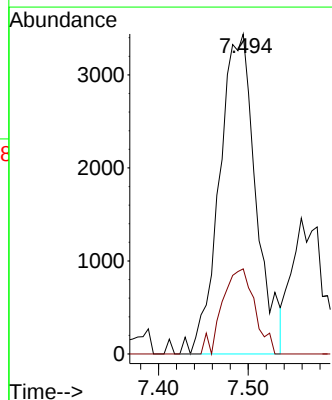
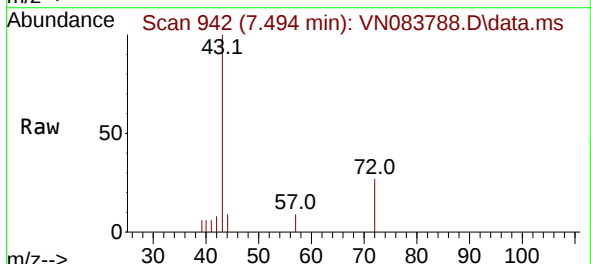
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG

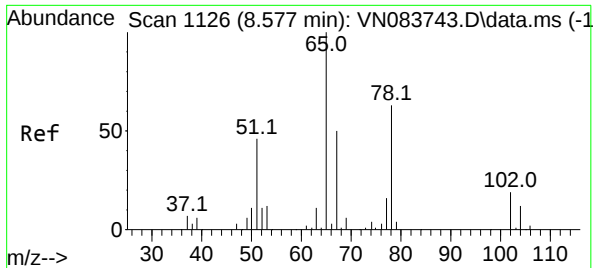
Tgt Ion: 84	Resp: 5676
Ion Ratio	Lower Upper
84 100	
49 119.2	93.4 140.0
51 41.2	29.2 43.8
86 67.0	46.9 70.3



#25
2-Butanone
Concen: 12.847 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

Tgt Ion: 43	Resp: 9725		
Ion Ratio	Lower	Upper	
43 100			
72 26.6	20.8	31.2	

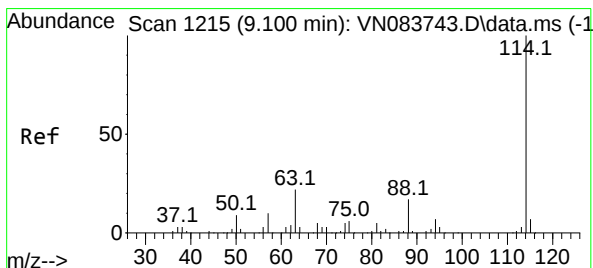
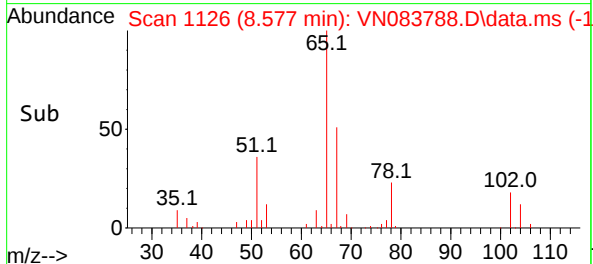
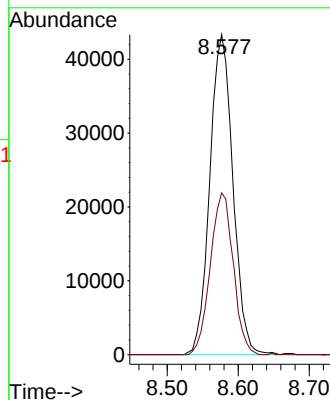
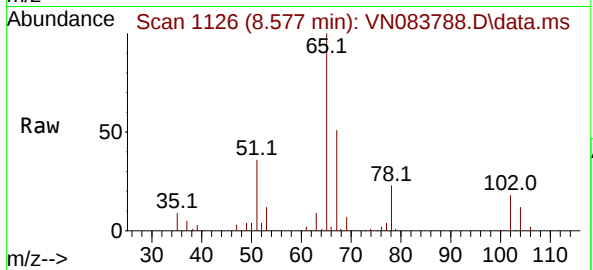




#33
1,2-Dichloroethane-d4
Concen: 68.085 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

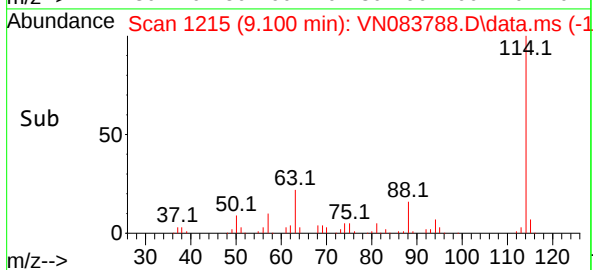
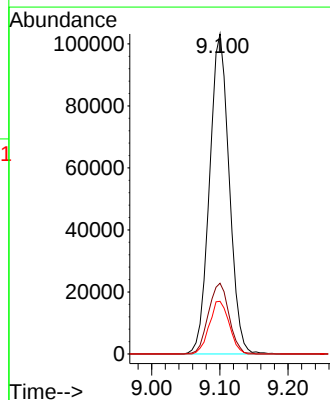
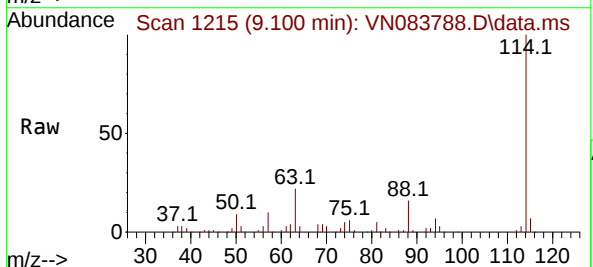
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG

Tgt Ion: 65 Resp: 97819
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

Tgt Ion: 114 Resp: 207354
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.4
88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.739 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN083788.D

Acq: 11 Sep 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

AUD-SBG

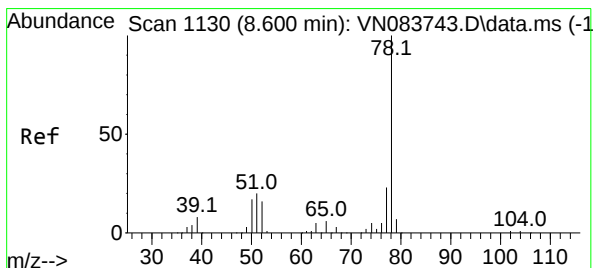
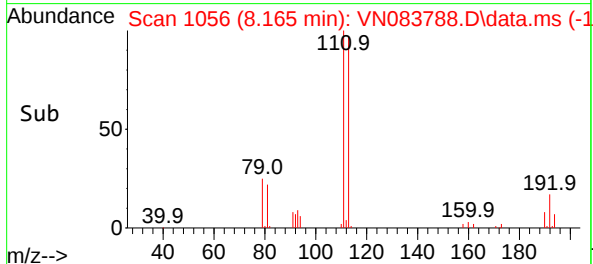
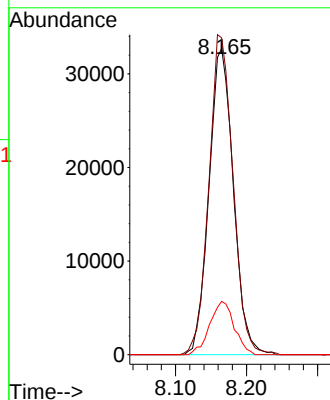
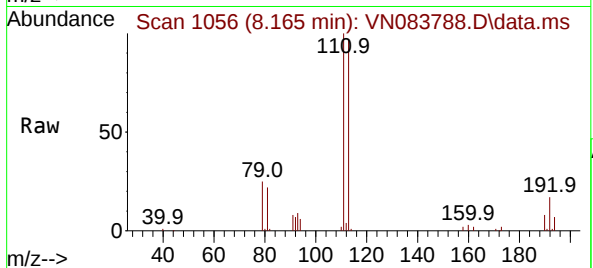
Tgt Ion:113 Resp: 77973

Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 17.5 14.3 21.5



#40

Benzene

Concen: 18.632 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083788.D

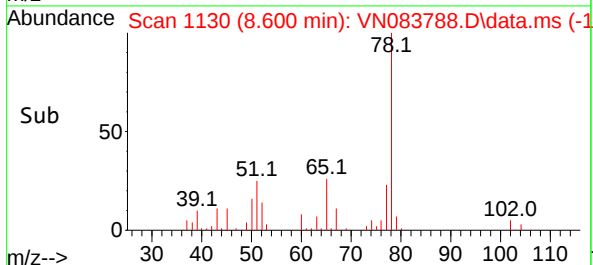
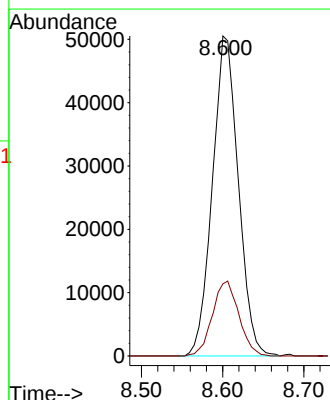
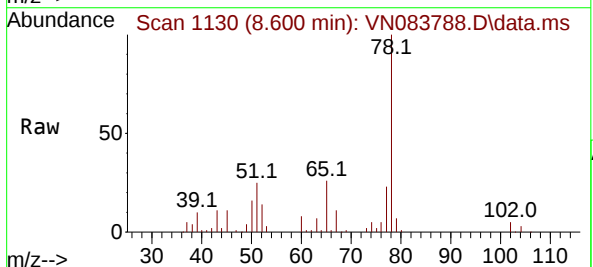
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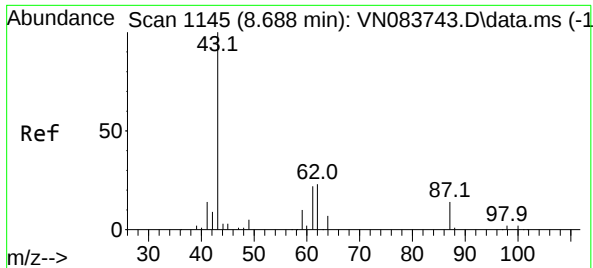
Tgt Ion: 78 Resp: 112051

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6

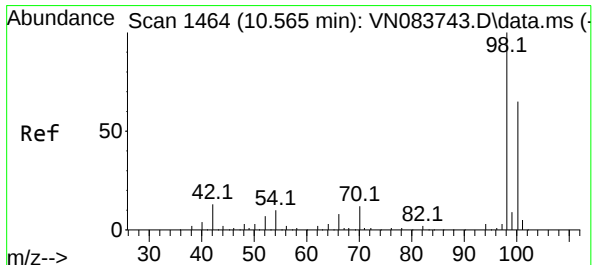
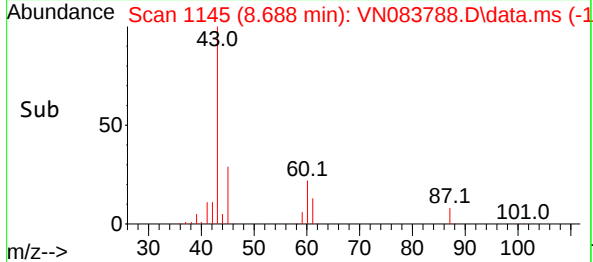
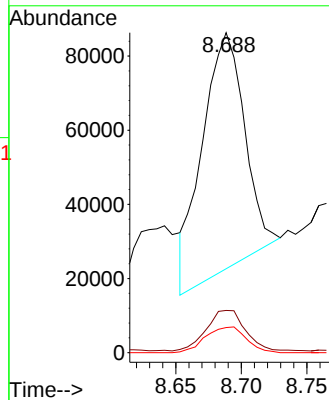
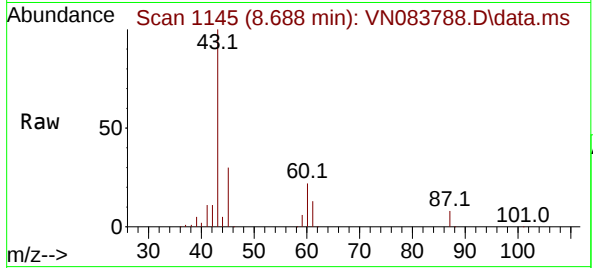




#43
Isopropyl Acetate
Concen: 44.275 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

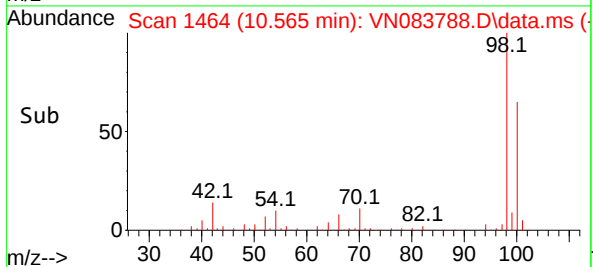
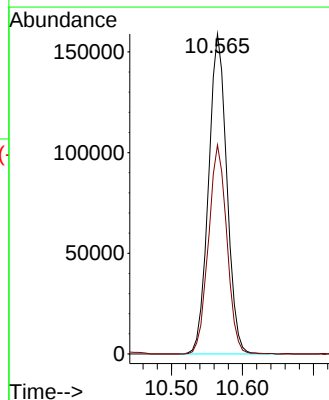
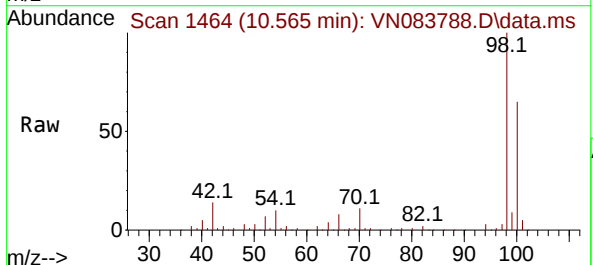
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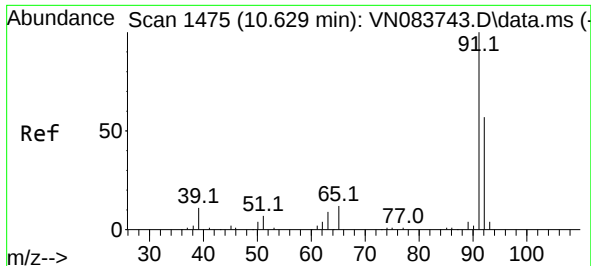
Tgt Ion: 43 Resp: 145509
Ion Ratio Lower Upper
43 100
61 17.6 19.4 29.0#
87 10.3 9.8 14.6



#50
Toluene-d8
Concen: 61.901 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

Tgt Ion: 98 Resp: 284070
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

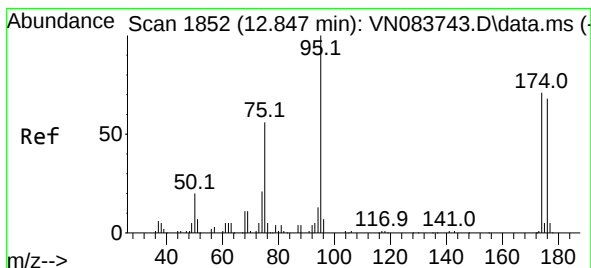
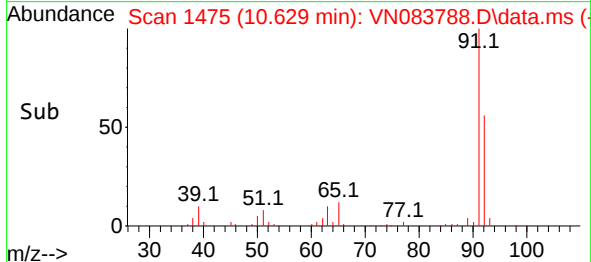
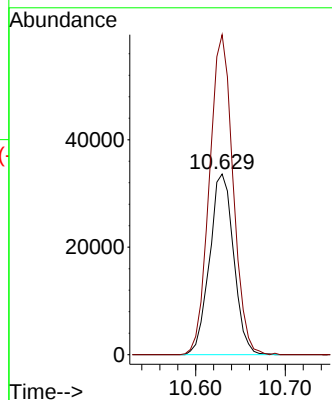
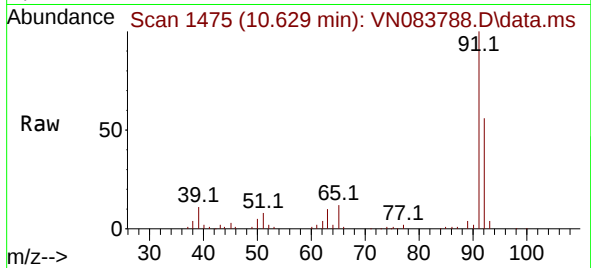




#52
Toluene
Concen: 17.027 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

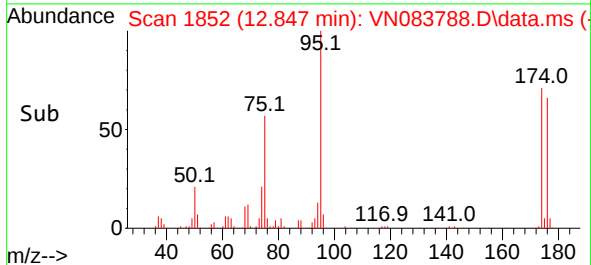
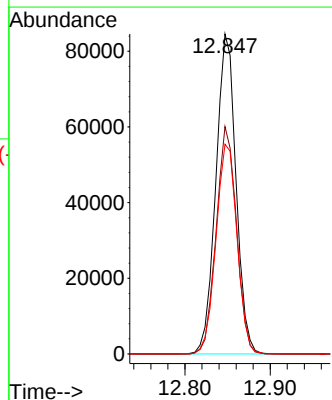
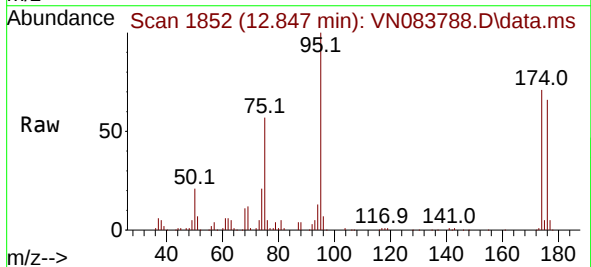
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG

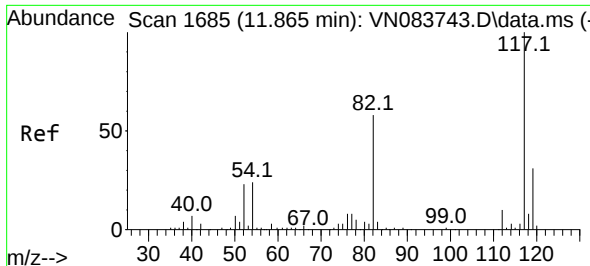
Tgt Ion: 92 Resp: 62634
Ion Ratio Lower Upper
92 100
91 174.0 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 73.359 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

Tgt Ion: 95 Resp: 138894
Ion Ratio Lower Upper
95 100
174 71.4 0.0 139.8
176 68.3 0.0 131.4

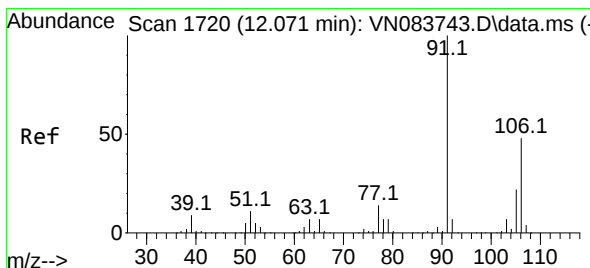
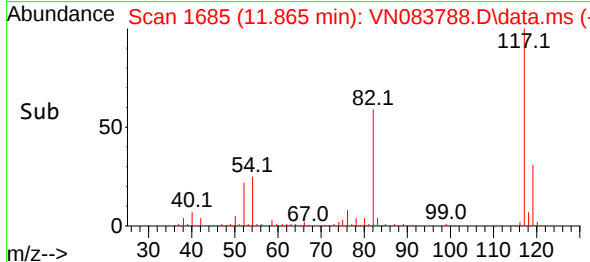
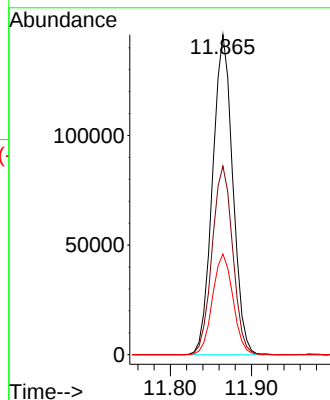
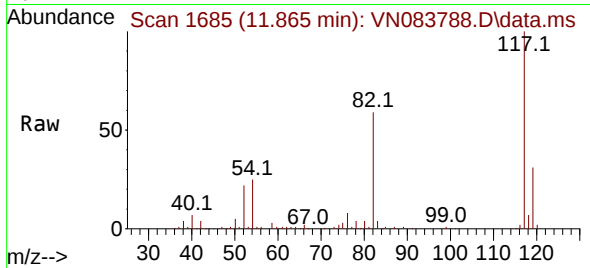




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11719
Delta R.T. 0.000 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

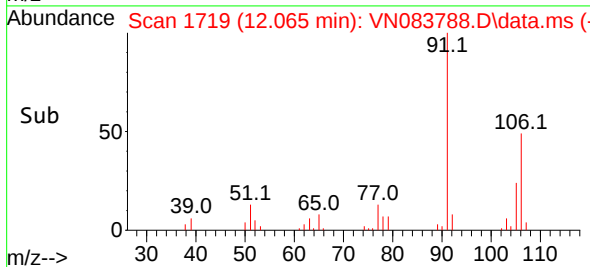
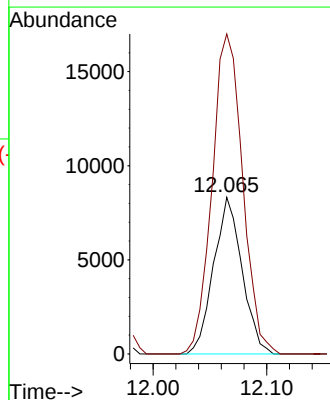
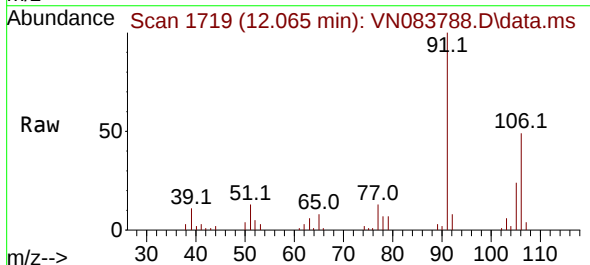
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG

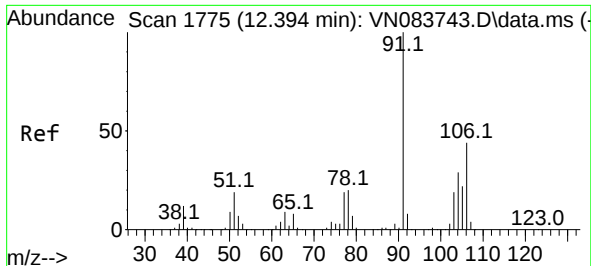
Tgt Ion:117 Resp: 252311
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 31.4 26.3 39.5



#68
m/p-Xylenes
Concen: 3.916 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

Tgt Ion:106 Resp: 14484
Ion Ratio Lower Upper
106 100
91 219.0 169.2 253.8

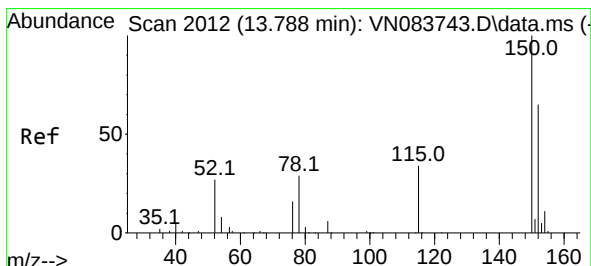
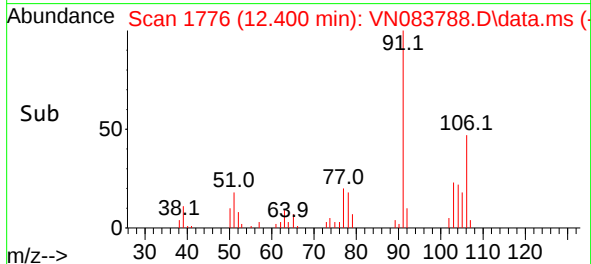
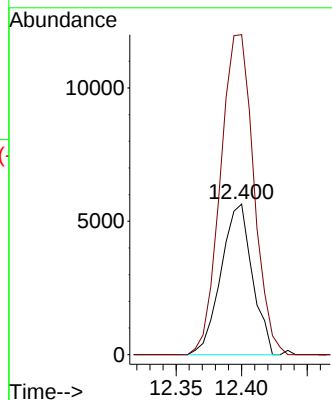
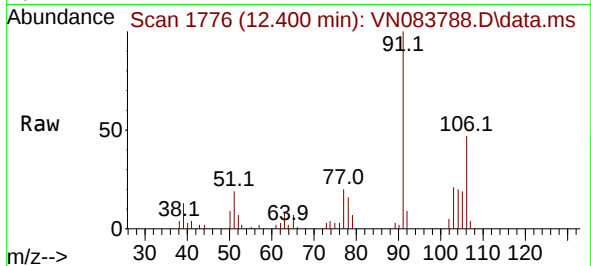




#69
o-Xylene
Concen: 2.613 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

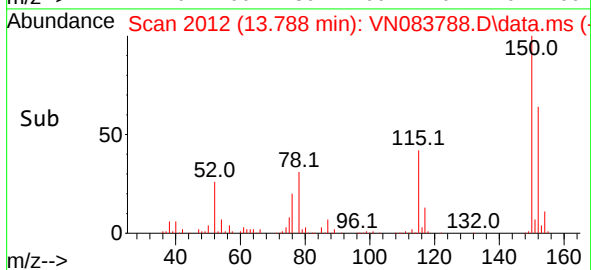
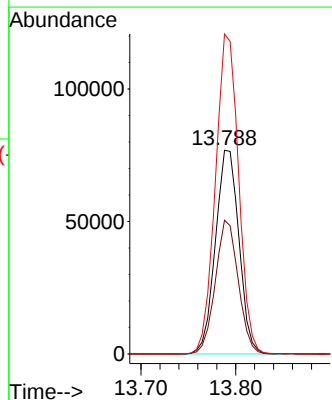
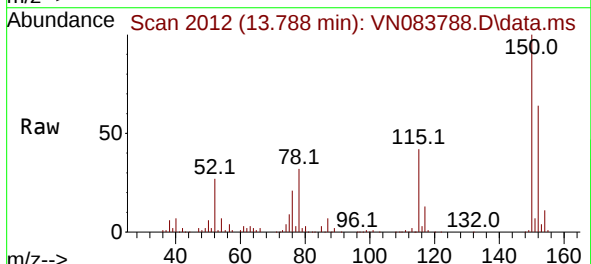
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG

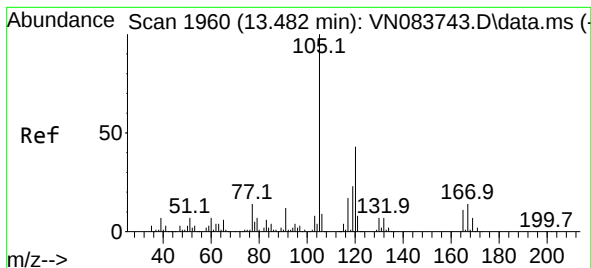
Tgt Ion:106 Resp: 9355
Ion Ratio Lower Upper
106 100
91 226.6 112.9 338.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083788.D
Acq: 11 Sep 2024 11:38

Tgt Ion:152 Resp: 132602
Ion Ratio Lower Upper
152 100
115 64.0 32.2 96.6
150 154.9 0.0 348.6





#84

1,2,4-Trimethylbenzene

Concen: 2.073 ug/l

RT: 13.494 min Scan# 1962

Delta R.T. 0.012 min

Lab File: VN083788.D

Acq: 11 Sep 2024 11:38

Instrument :

MSVOA_N

ClientSampleId :

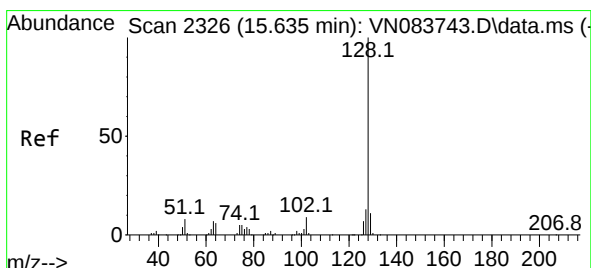
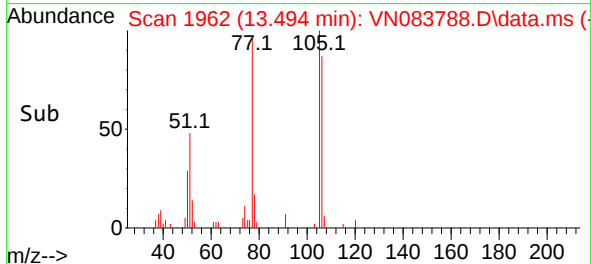
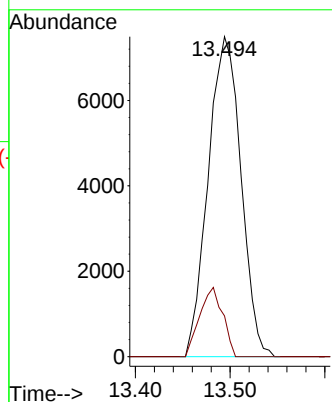
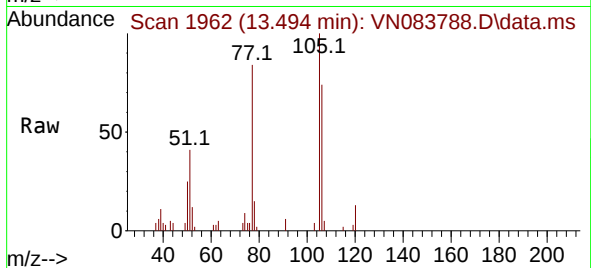
AUD-SBG

Tgt Ion:105 Resp: 18014

Ion Ratio Lower Upper

105 100

120 15.3 21.8 65.4#



#95

Naphthalene

Concen: 27.209 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN083788.D

Acq: 11 Sep 2024 11:38

Tgt Ion:128 Resp: 199798

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.7 13.1

