

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083825.D
 Acq On : 12 Sep 2024 12:08
 Operator : JC\MD
 Sample : P3913-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-F-82924-D

Quant Time: Sep 12 16:45:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

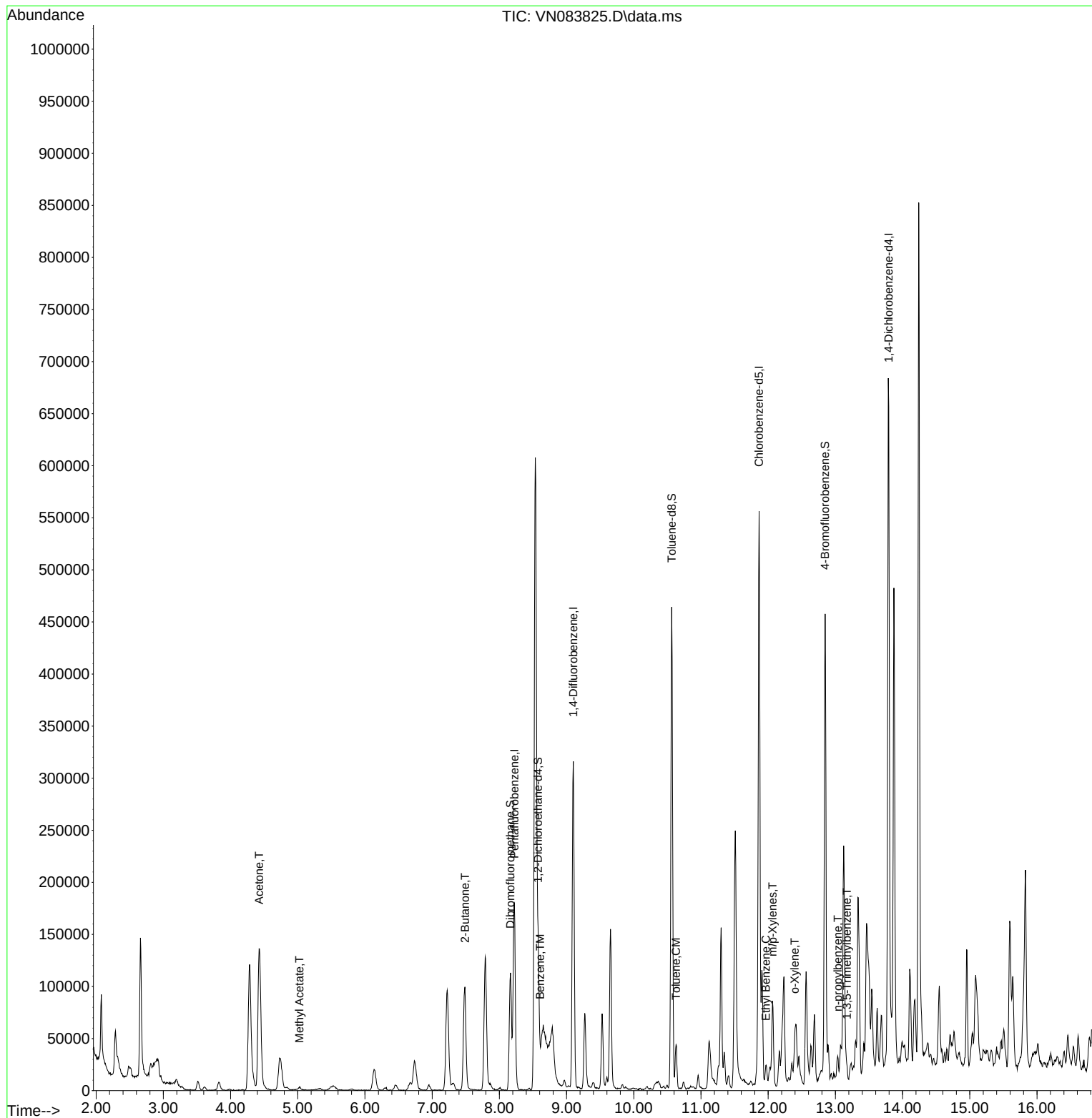
Internal Standards						
1) Pentafluorobenzene	8.224	168	122898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102067	55.078	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.160%	
35) Dibromofluoromethane	8.165	113	79624	47.644	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.280%	
50) Toluene-d8	10.565	98	298791	51.716	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	12.847	95	157944	66.261	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 132.520%#	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	266487	358.724	ug/l	97
18) Methyl Acetate	5.024	43	6228	2.252	ug/l	92
25) 2-Butanone	7.488	43	165663	169.669	ug/l	99
40) Benzene	8.606	78	9739	1.286	ug/l	97
52) Toluene	10.629	92	17605	3.802	ug/l	97
67) Ethyl Benzene	11.965	91	14238	1.224	ug/l	93
68) m/p-Xylenes	12.065	106	22375	5.181	ug/l	100
69) o-Xylene	12.394	106	8020	1.918	ug/l	99
78) n-propylbenzene	13.035	91	12736	0.876	ug/l #	65
80) 1,3,5-Trimethylbenzene	13.170	105	5654	0.537	ug/l	93

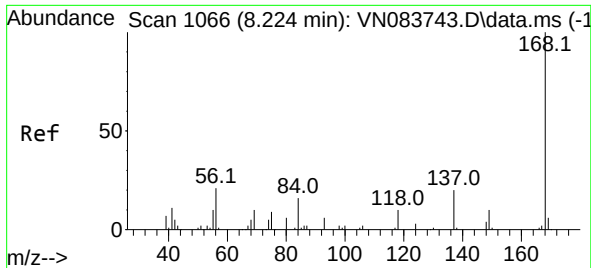
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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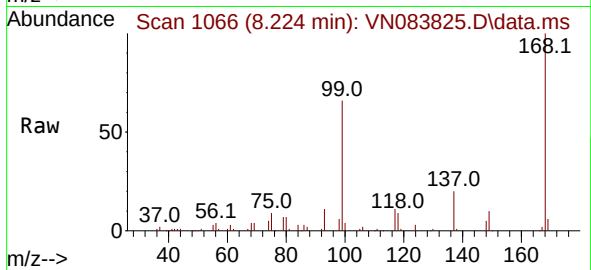
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



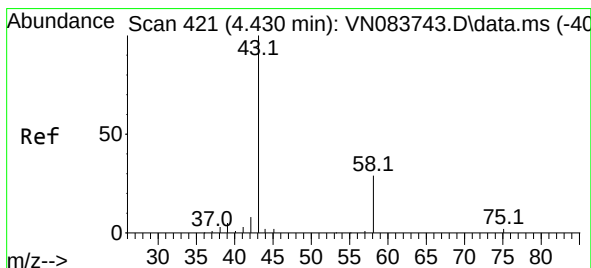
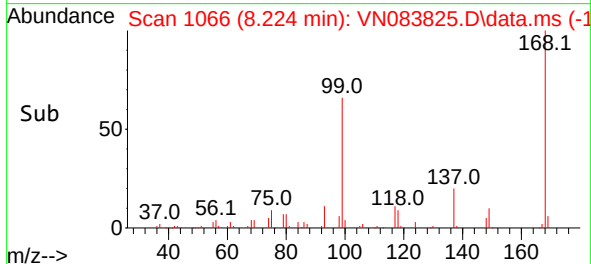
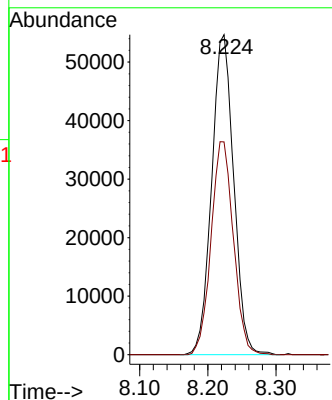


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083825.D
Acq: 12 Sep 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-D

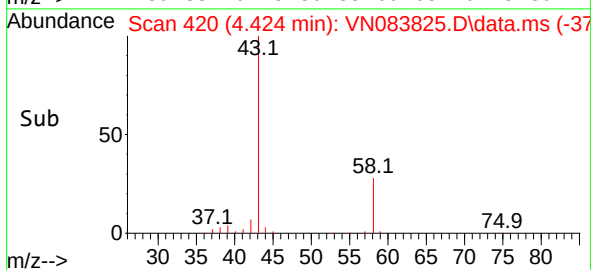
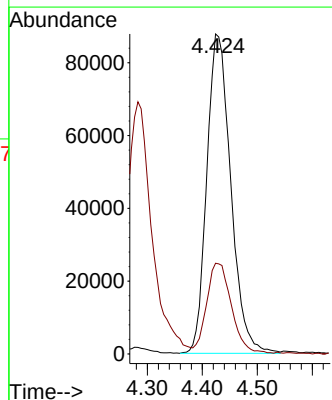
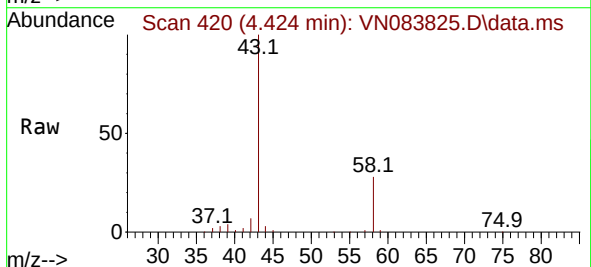


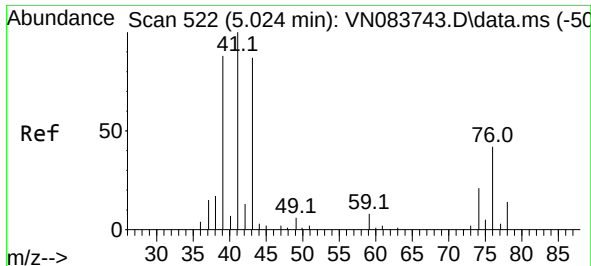
Tgt Ion:168 Resp: 122898
Ion Ratio Lower Upper
168 100
99 66.5 54.2 81.2



#16
Acetone
Concen: 358.724 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083825.D
Acq: 12 Sep 2024 12:08

Tgt Ion: 43 Resp: 266487
Ion Ratio Lower Upper
43 100
58 28.1 23.7 35.5

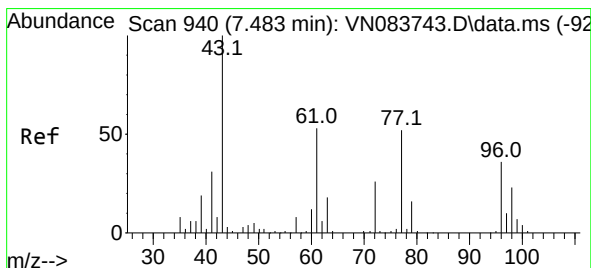
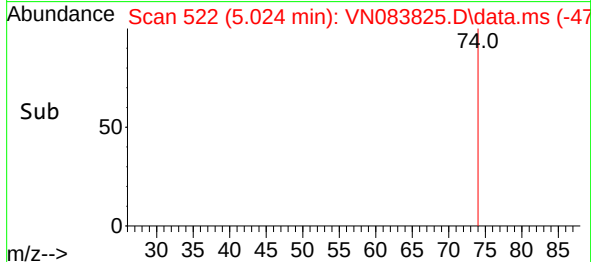
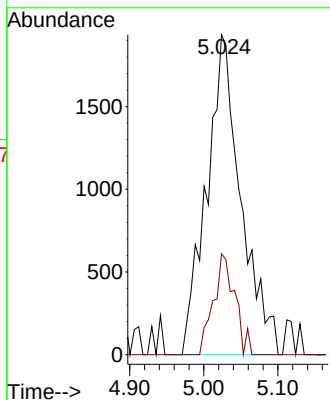
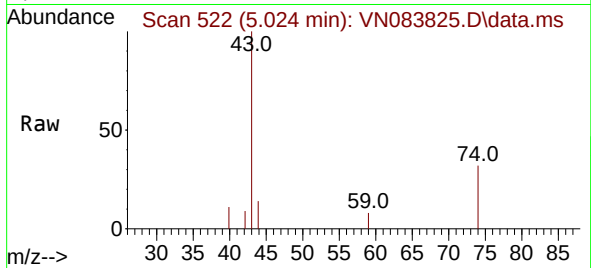




#18
Methyl Acetate
Concen: 2.252 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083825.D
Acq: 12 Sep 2024 12:08

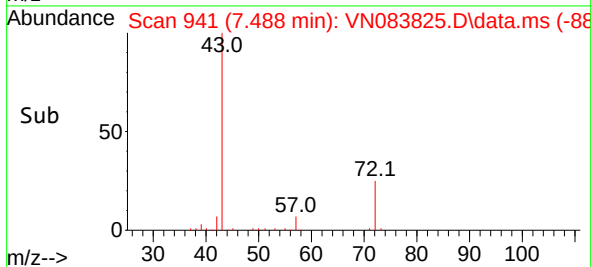
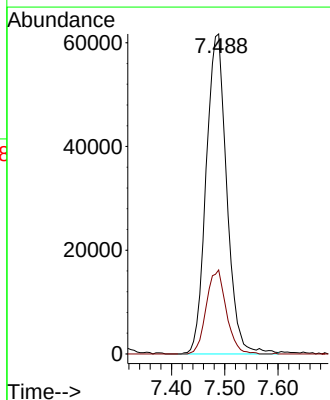
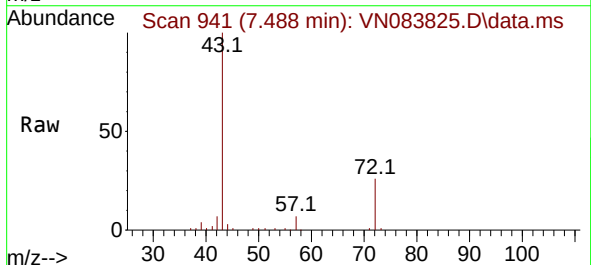
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-D

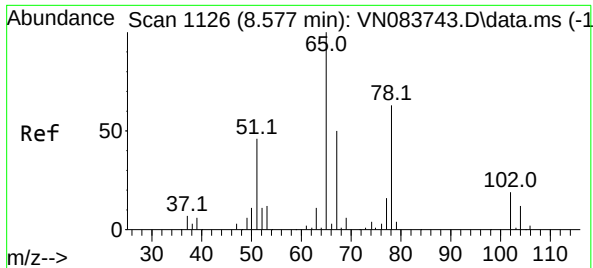
Tgt Ion: 43 Resp: 6228
Ion Ratio Lower Upper
43 100
74 19.6 19.0 28.4



#25
2-Butanone
Concen: 169.669 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083825.D
Acq: 12 Sep 2024 12:08

Tgt Ion: 43 Resp: 165663
Ion Ratio Lower Upper
43 100
72 26.3 20.8 31.2

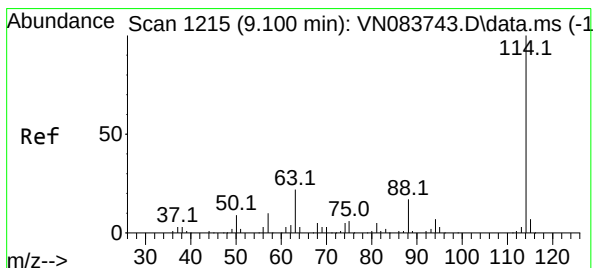
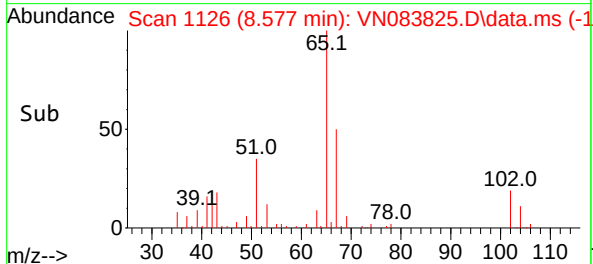
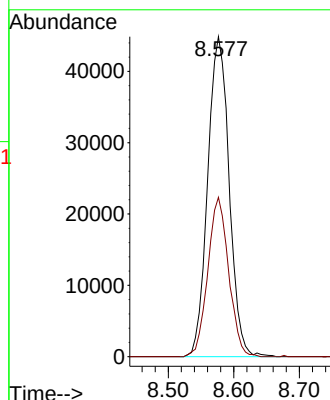
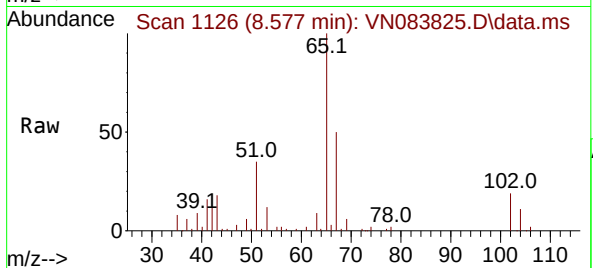




#33
 1,2-Dichloroethane-d4
 Concen: 55.078 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083825.D
 Acq: 12 Sep 2024 12:08

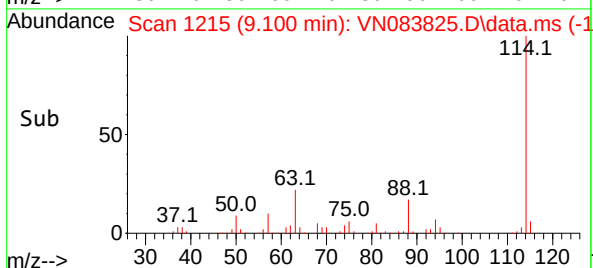
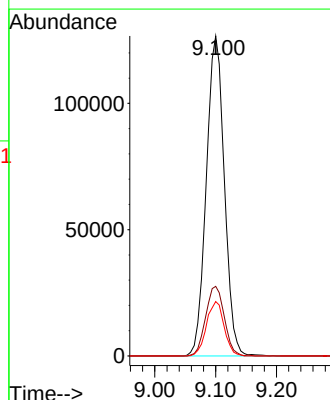
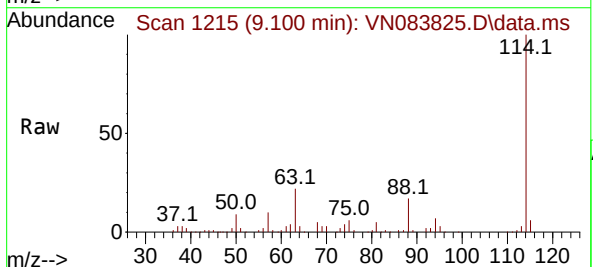
Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-F-82924-D

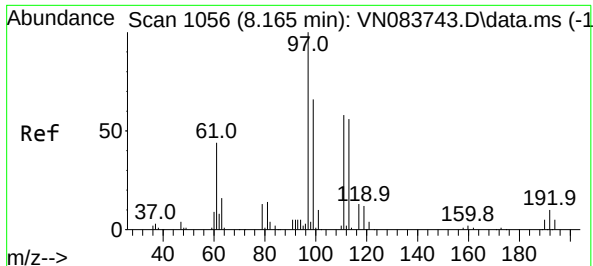
Tgt Ion: 65 Resp: 102067
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083825.D
 Acq: 12 Sep 2024 12:08

Tgt Ion: 114 Resp: 261052
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.644 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN083825.D

Acq: 12 Sep 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

9424-D-F-82924-D

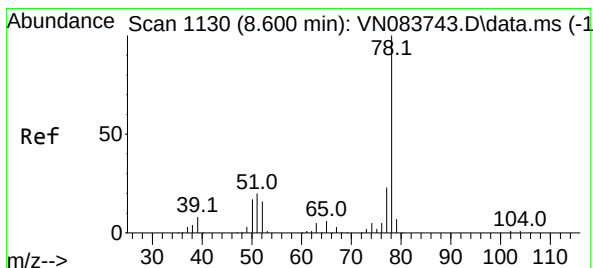
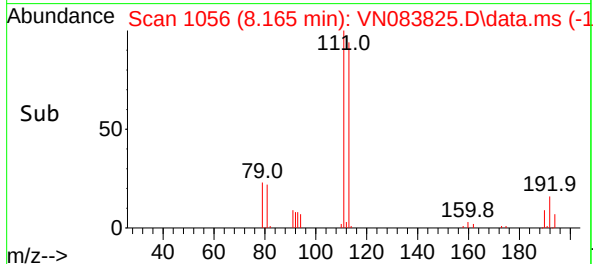
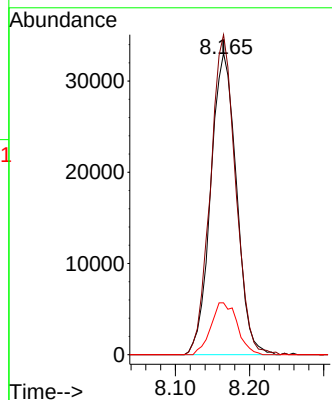
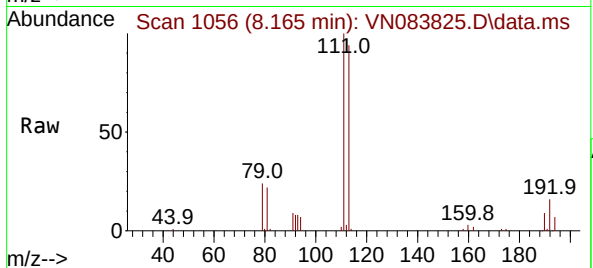
Tgt Ion:113 Resp: 79624

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.7 14.3 21.5



#40

Benzene

Concen: 1.286 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083825.D

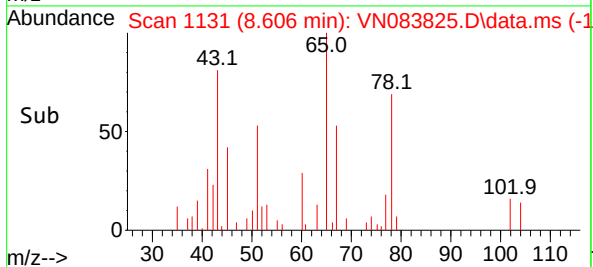
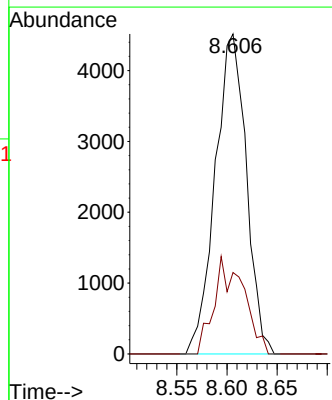
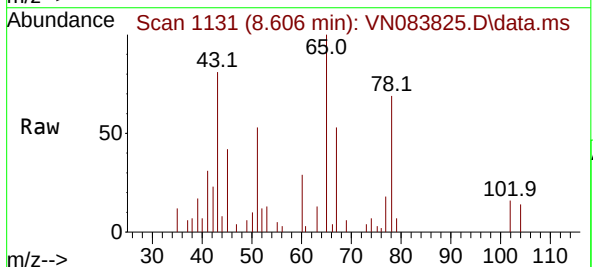
Acq: 12 Sep 2024 12:08

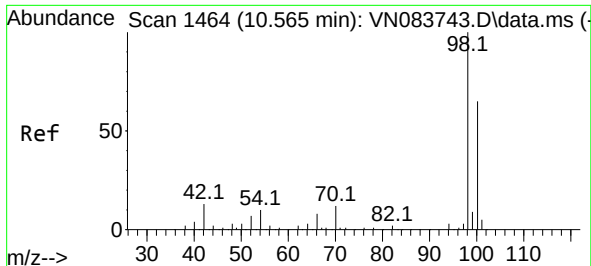
Tgt Ion: 78 Resp: 9739

Ion Ratio Lower Upper

78 100

77 25.4 19.0 28.6

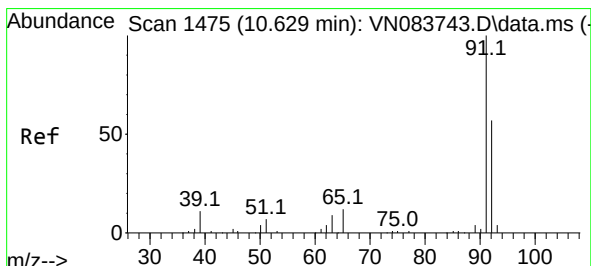
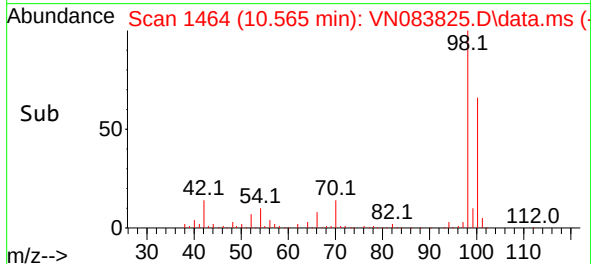
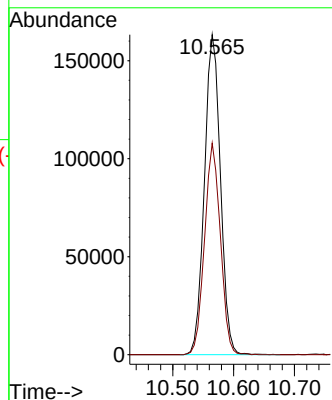
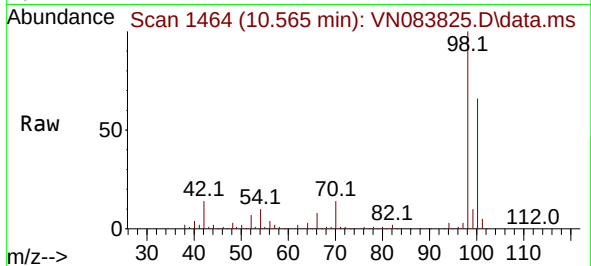




#50
Toluene-d8
Concen: 51.716 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083825.D
Acq: 12 Sep 2024 12:08

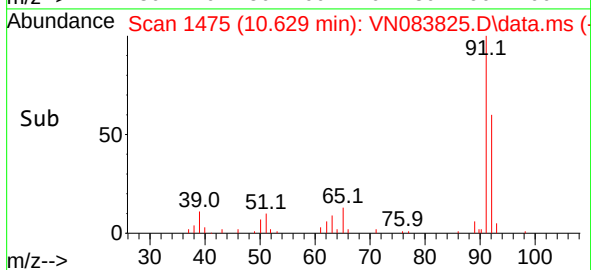
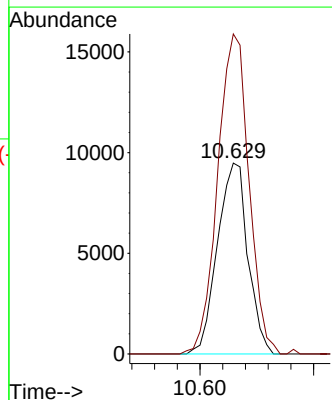
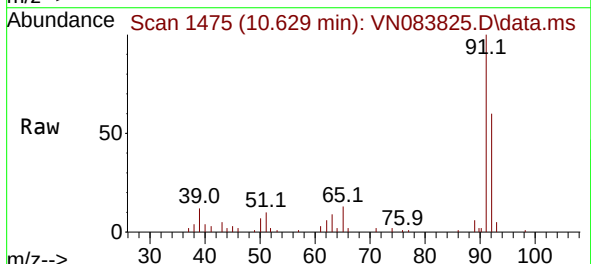
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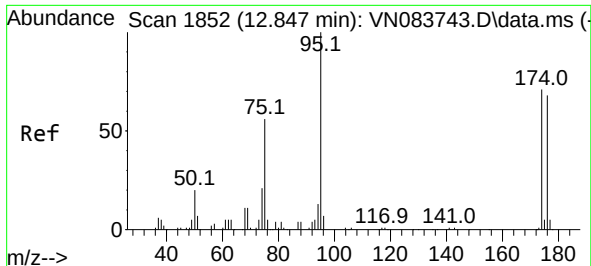
Tgt Ion: 98 Resp: 298791
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#52
Toluene
Concen: 3.802 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083825.D
Acq: 12 Sep 2024 12:08

Tgt Ion: 92 Resp: 17605
Ion Ratio Lower Upper
92 100
91 172.4 134.7 202.1

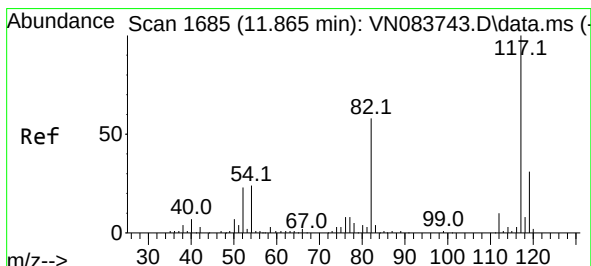
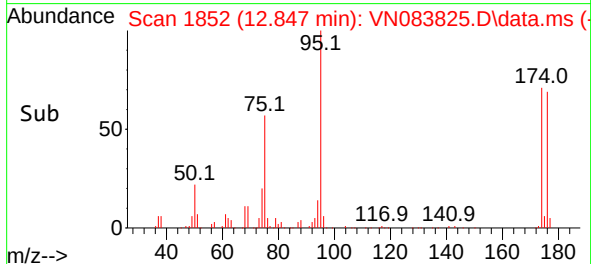
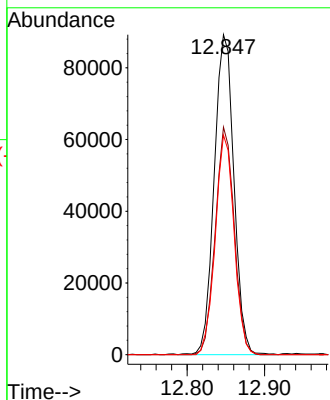
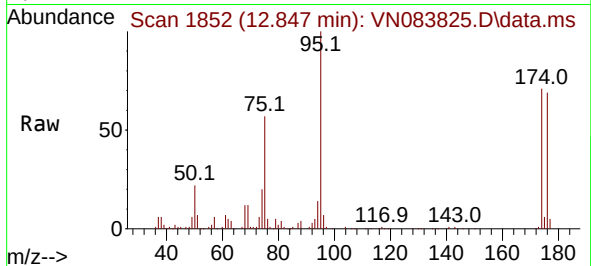




#62
4-Bromofluorobenzene
Concen: 66.261 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083825.D
Acq: 12 Sep 2024 12:08

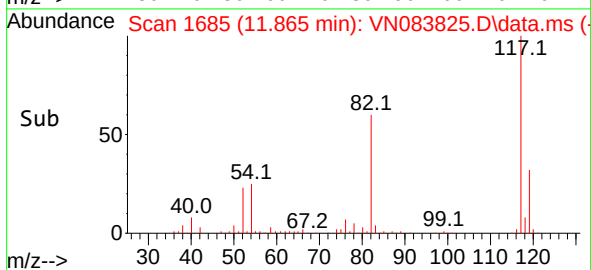
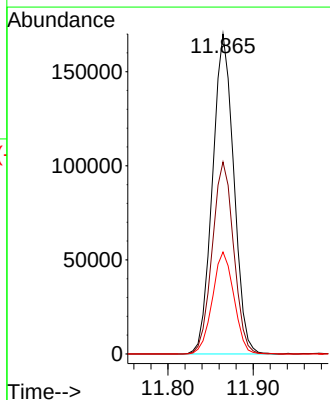
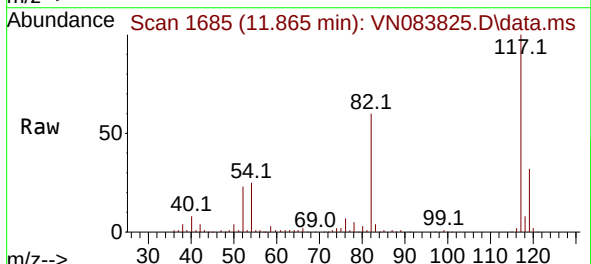
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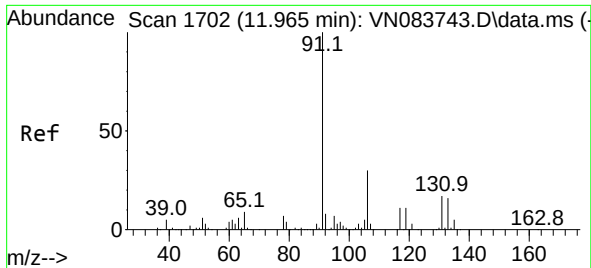
Tgt Ion: 95 Resp: 157944
Ion Ratio Lower Upper
95 100
174 68.5 0.0 139.8
176 65.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083825.D
Acq: 12 Sep 2024 12:08

Tgt Ion: 117 Resp: 294598
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 31.8 26.3 39.5





#67

Ethyl Benzene

Concen: 1.224 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN083825.D

Acq: 12 Sep 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

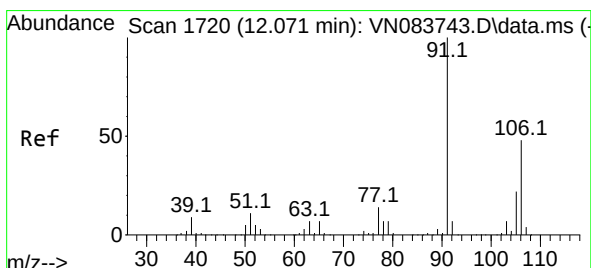
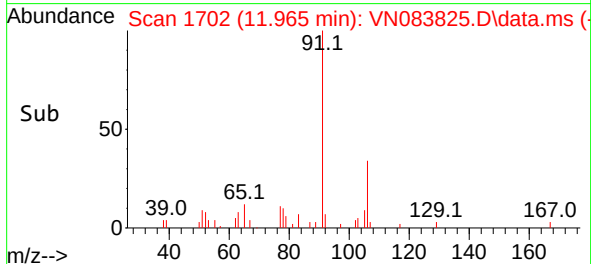
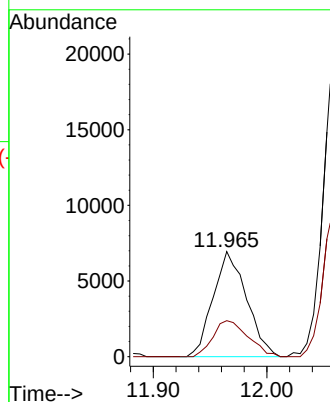
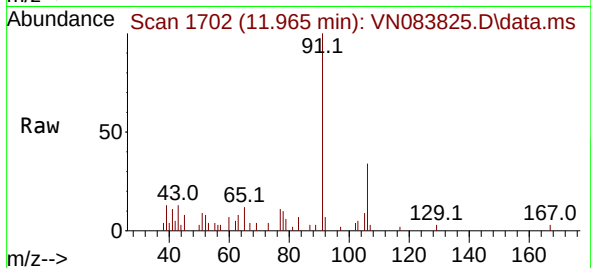
9424-D-F-82924-D

Tgt Ion: 91 Resp: 14238

Ion Ratio Lower Upper

91 100

106 34.2 24.3 36.5



#68

m/p-Xylenes

Concen: 5.181 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN083825.D

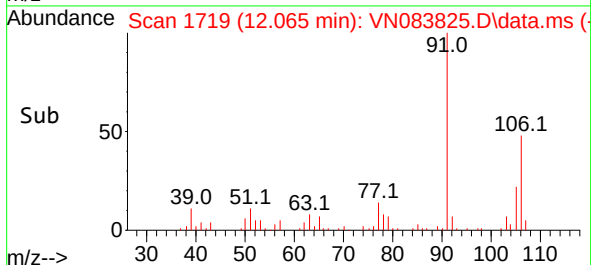
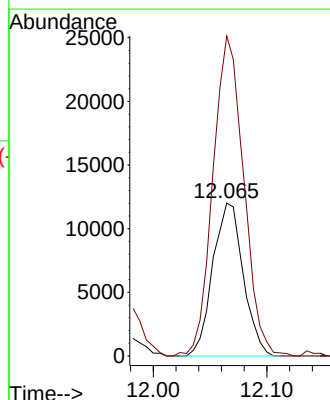
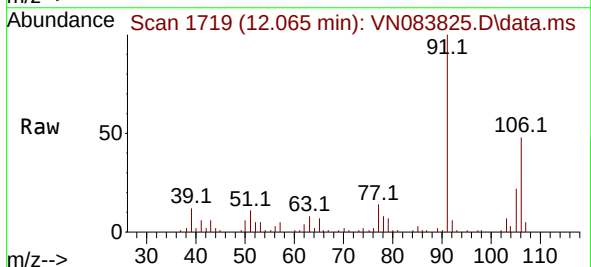
Acq: 12 Sep 2024 12:08

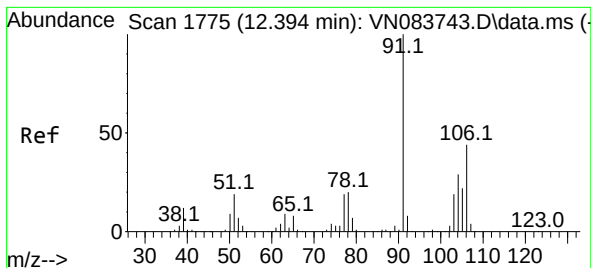
Tgt Ion: 106 Resp: 22375

Ion Ratio Lower Upper

106 100

91 211.4 169.2 253.8





#69

o-Xylene

Concen: 1.918 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083825.D

Acq: 12 Sep 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

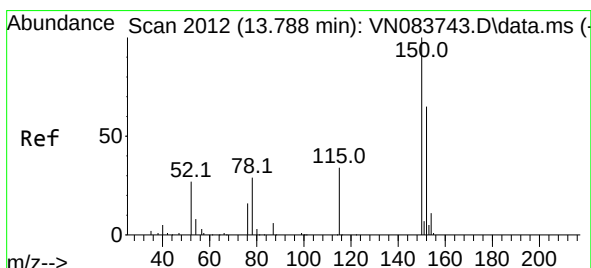
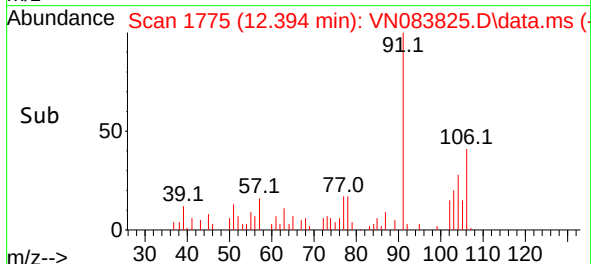
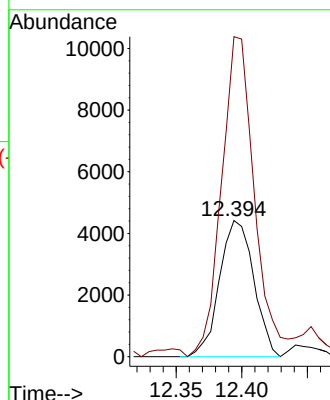
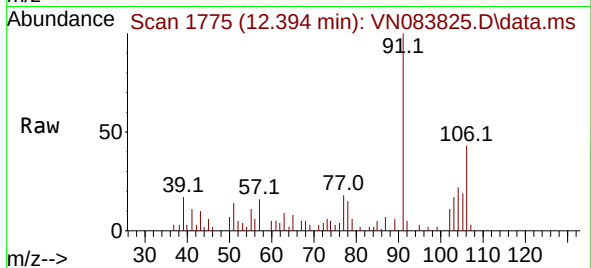
9424-D-F-82924-D

Tgt Ion:106 Resp: 8020

Ion Ratio Lower Upper

106 100

91 224.6 112.9 338.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083825.D

Acq: 12 Sep 2024 12:08

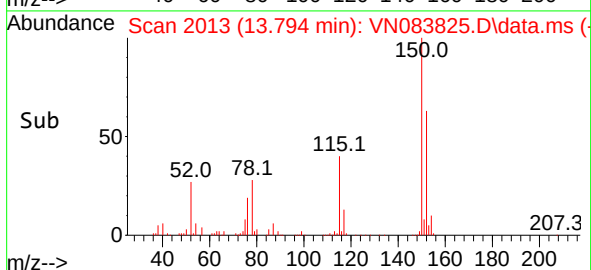
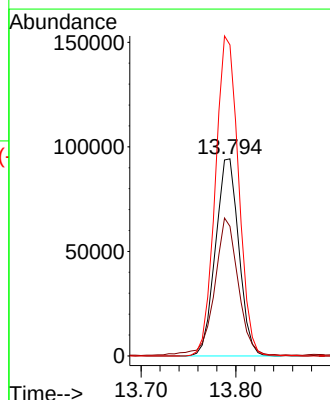
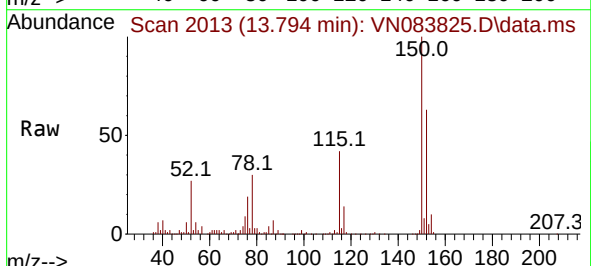
Tgt Ion:152 Resp: 161453

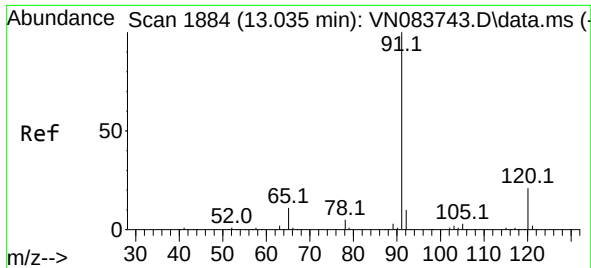
Ion Ratio Lower Upper

152 100

115 70.6 32.2 96.6

150 161.3 0.0 348.6

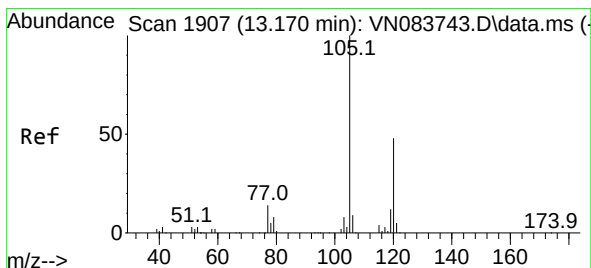
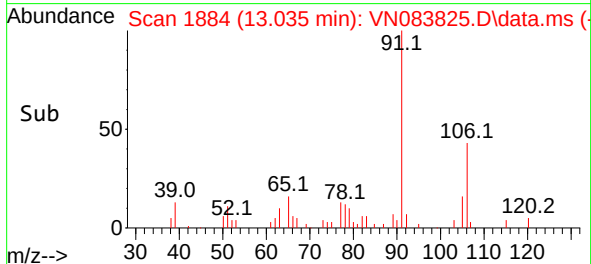
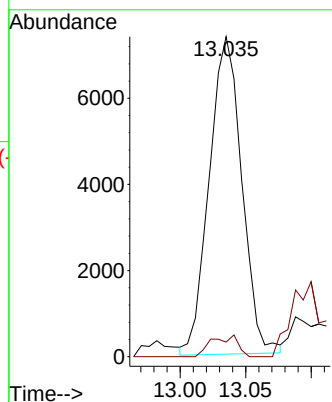
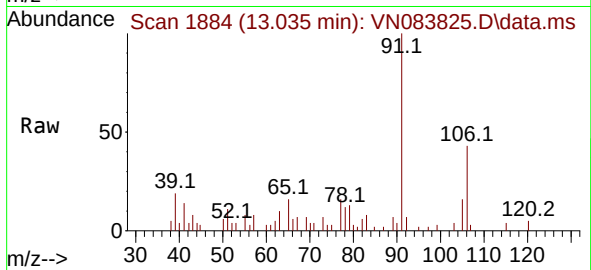




#78
n-propylbenzene
Concen: 0.876 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083825.D
Acq: 12 Sep 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-D

Tgt Ion: 91 Resp: 12736
Ion Ratio Lower Upper
91 100
120 5.4 11.0 33.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.537 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083825.D
Acq: 12 Sep 2024 12:08

Tgt Ion: 105 Resp: 5654
Ion Ratio Lower Upper
105 100
120 51.3 23.4 70.3

