

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085587.D
 Acq On : 30 Jan 2025 18:18
 Operator : JC\MD
 Sample : Q1218-01 20X
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BELL-25-002

Quant Time: Jan 31 02:39:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

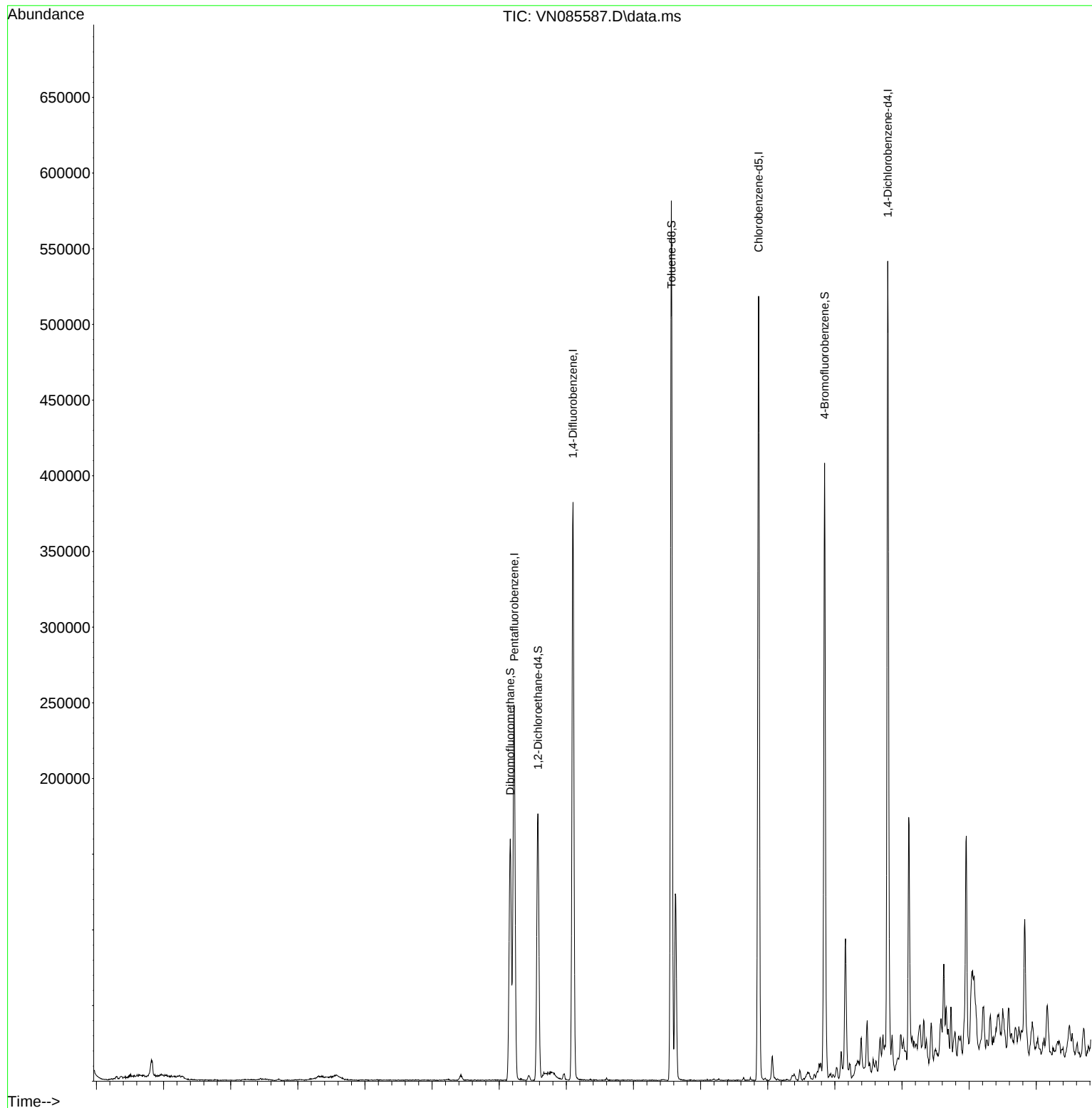
Internal Standards						
1) Pentafluorobenzene	8.224	168	163464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147623	55.946	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.900%	
35) Dibromofluoromethane	8.165	113	113833	52.615	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.240%	
50) Toluene-d8	10.565	98	377868	49.158	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.320%	
62) 4-Bromofluorobenzene	12.847	95	129085	49.091	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	98.180%	
Target Compounds						
					Qvalue	
52) Toluene	10.629	92	51654	9.771	ug/l	99
68) m/p-Xylenes	12.065	106	1516	0.415	ug/l	98
69) o-Xylene	12.388	106	856	0.245	ug/l	86
78) n-propylbenzene	13.041	91	5321	0.504	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	6064	0.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	19286	2.629	ug/l	99
85) sec-Butylbenzene	13.612	105	4189	0.489	ug/l	95
86) p-Isopropyltoluene	13.723	119	2829	0.441	ug/l #	83
89) n-Butylbenzene	14.047	91	6818	1.109	ug/l #	84

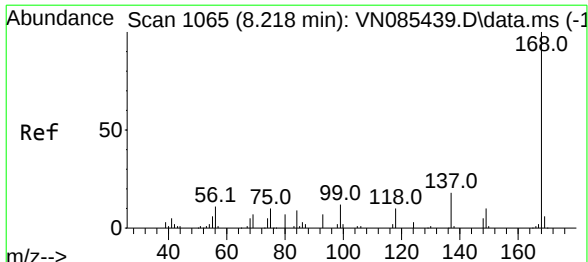
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
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Instrument :
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BELL-25-002

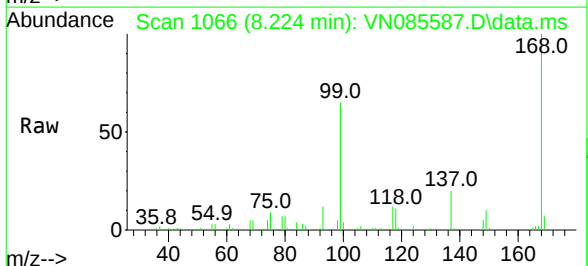
Quant Time: Jan 31 02:39:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



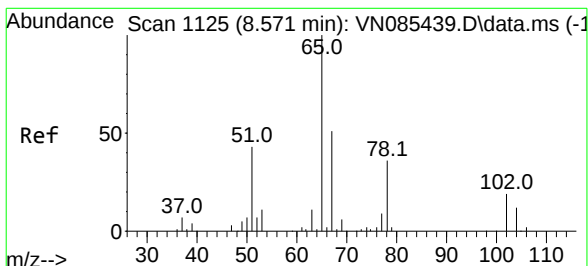
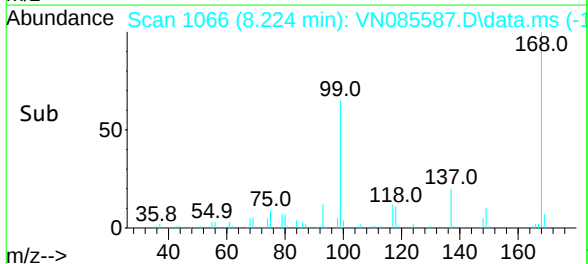
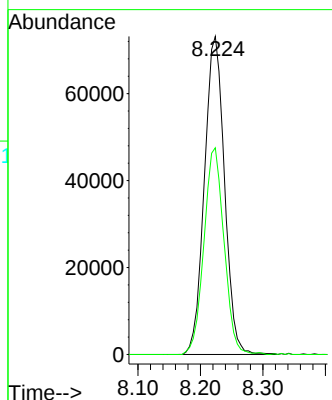


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

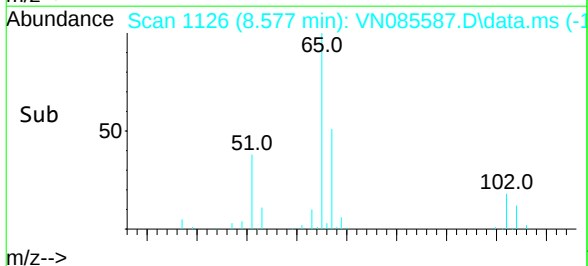
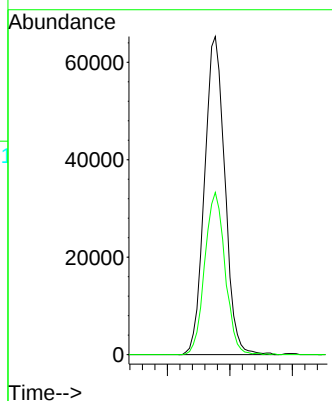
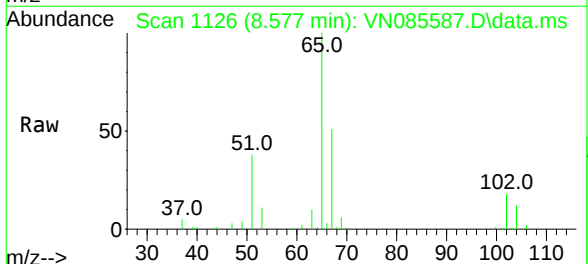


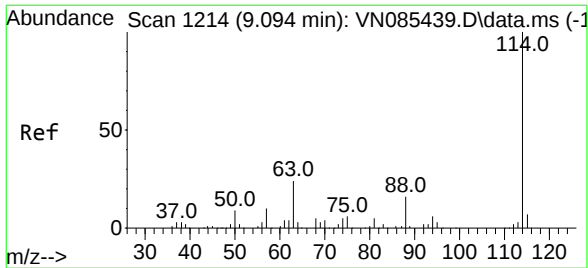
Tgt Ion:168 Resp: 163464
Ion Ratio Lower Upper
168 100
99 65.0 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 55.946 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion: 65 Resp: 147623
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.6

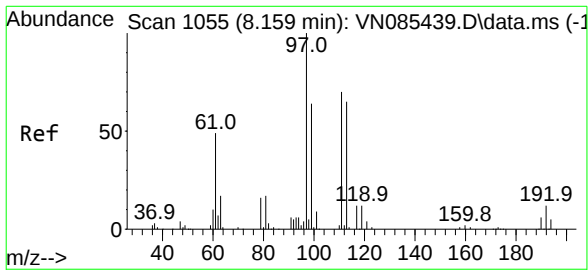
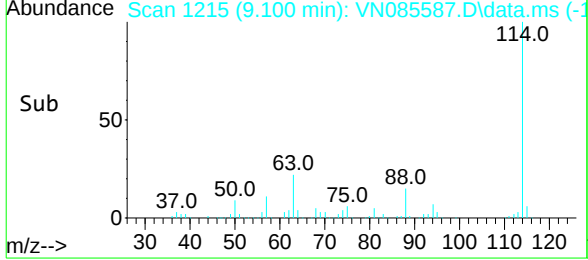
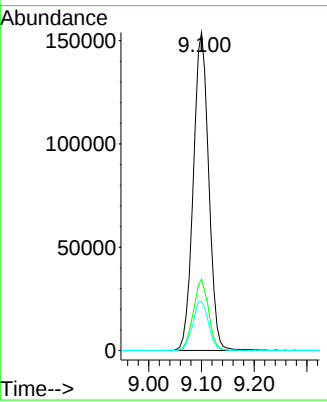
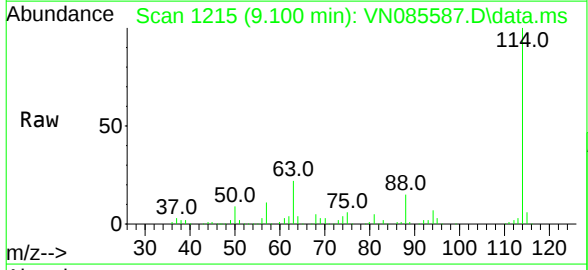




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085587.D
 Acq: 30 Jan 2025 18:18

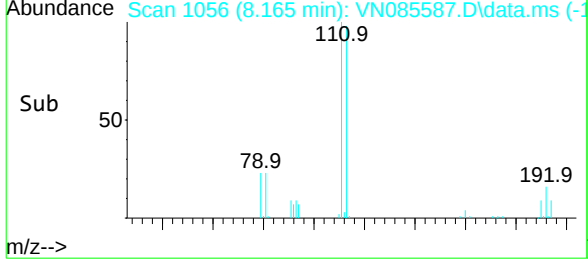
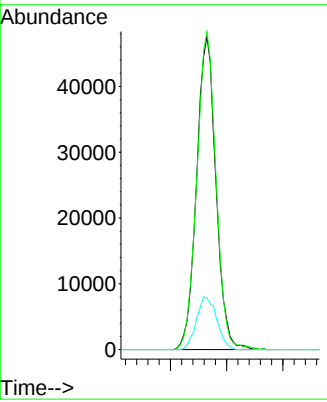
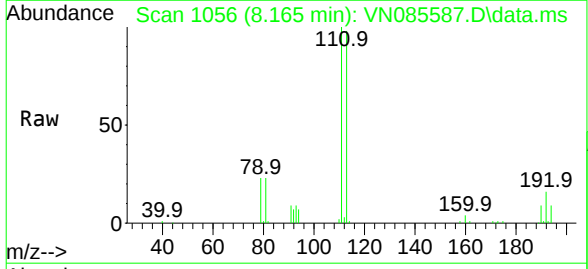
Instrument :
 MSVOA_N
 ClientSampleId :
 BELL-25-002

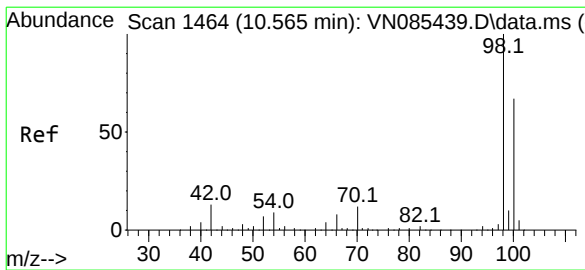
Tgt Ion:	114	Resp:	311854
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.6
88	15.5	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.615 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085587.D
 Acq: 30 Jan 2025 18:18

Tgt Ion:	113	Resp:	113833
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.7	124.1
192	17.6	14.3	21.5





#50

Toluene-d8

Concen: 49.158 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN085587.D

Acq: 30 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

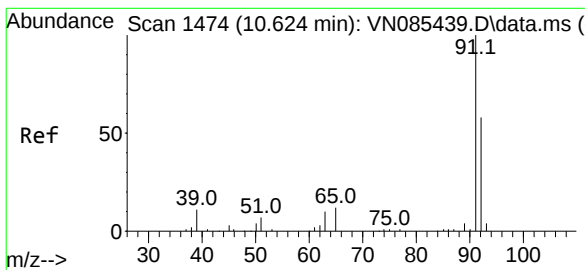
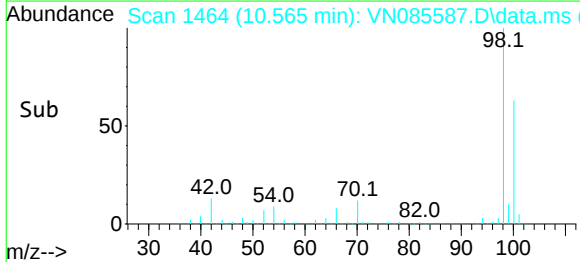
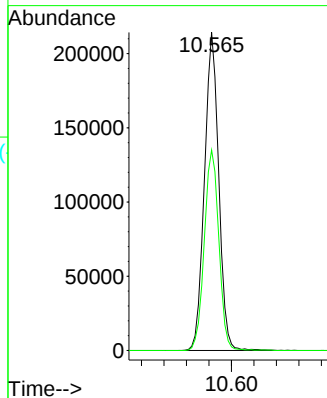
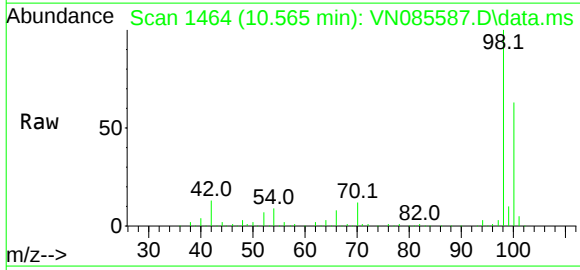
BELL-25-002

Tgt Ion: 98 Resp: 377868

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.4



#52

Toluene

Concen: 9.771 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.005 min

Lab File: VN085587.D

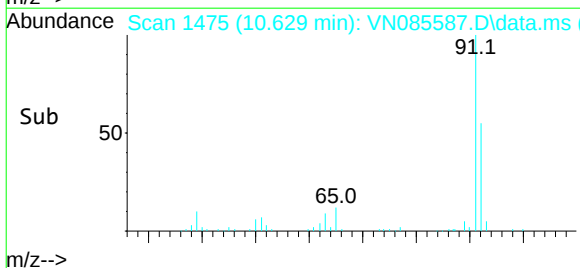
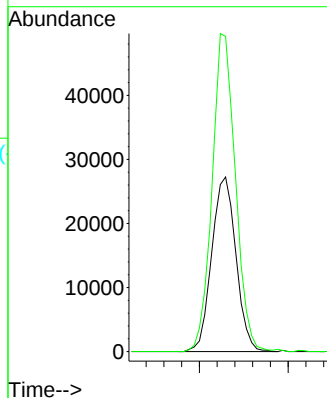
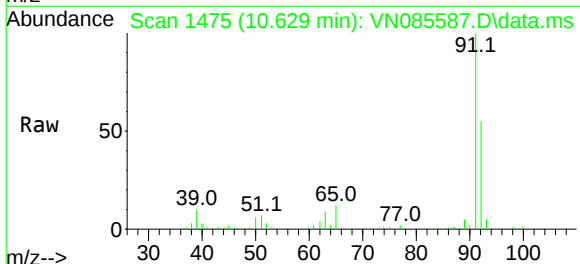
Acq: 30 Jan 2025 18:18

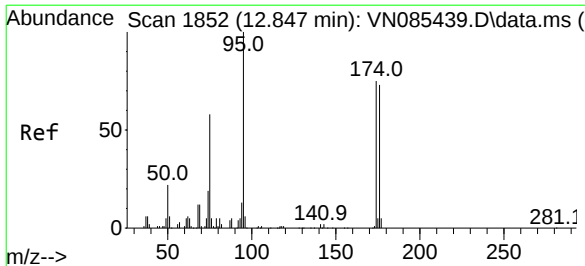
Tgt Ion: 92 Resp: 51654

Ion Ratio Lower Upper

92 100

91 175.8 139.2 208.8

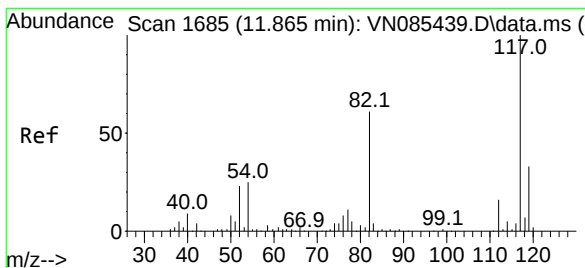
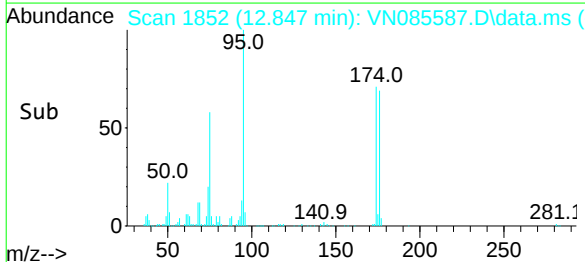
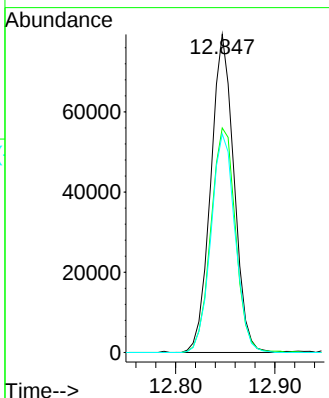
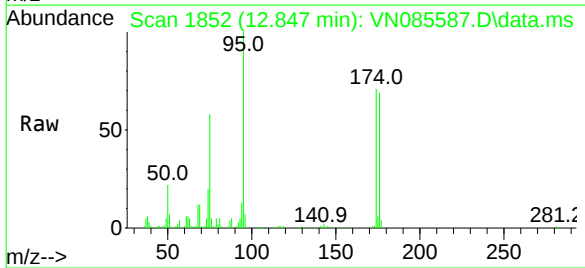




#62
4-Bromofluorobenzene
Concen: 49.091 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

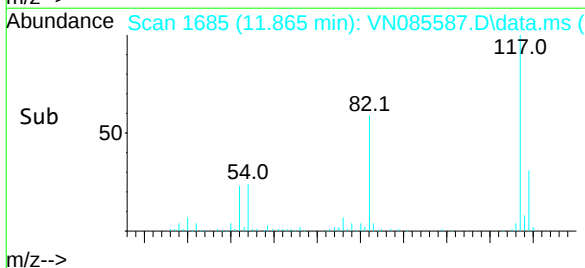
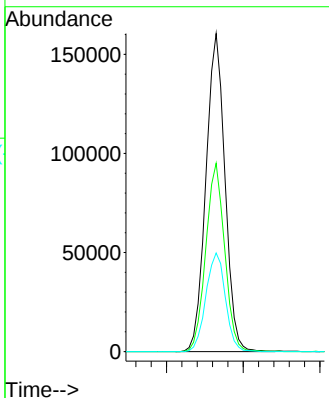
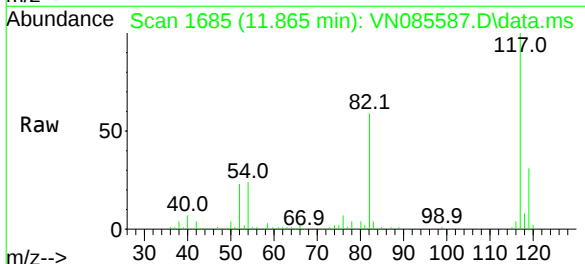
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

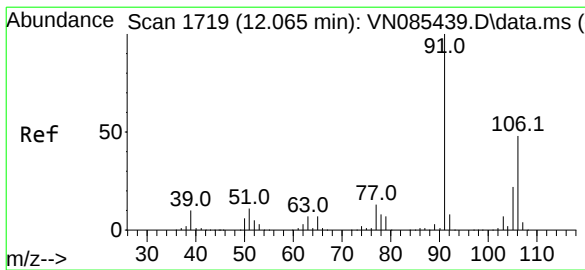
Tgt Ion:	95	Resp:	129085
Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	145.0
176	71.4	0.0	142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:	117	Resp:	276923
Ion	Ratio	Lower	Upper
117	100		
82	59.2	48.6	72.8
119	31.0	26.6	39.8

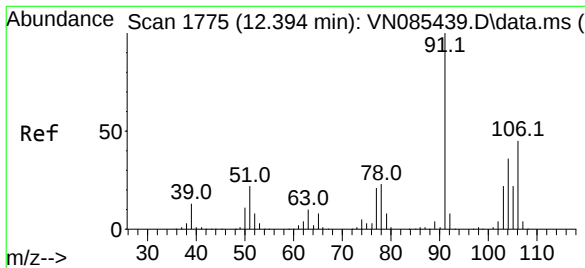
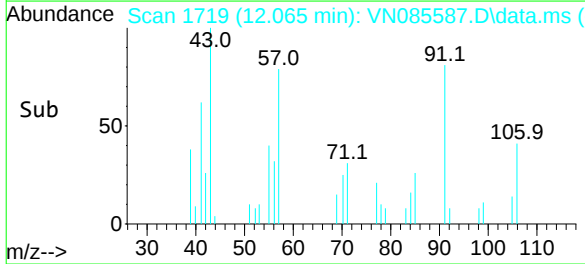
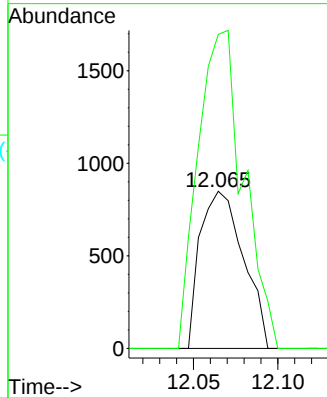
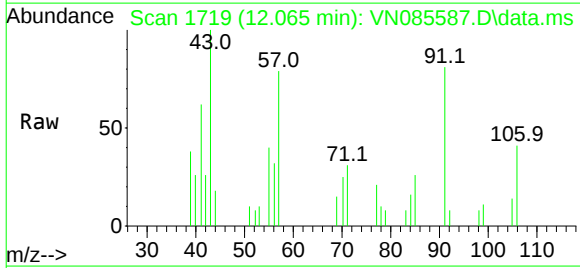




#68
m/p-Xylenes
Concen: 0.415 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

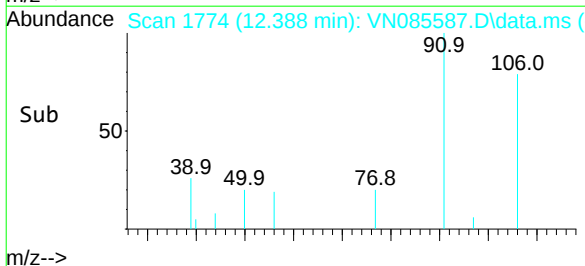
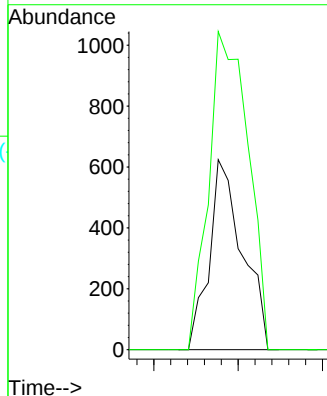
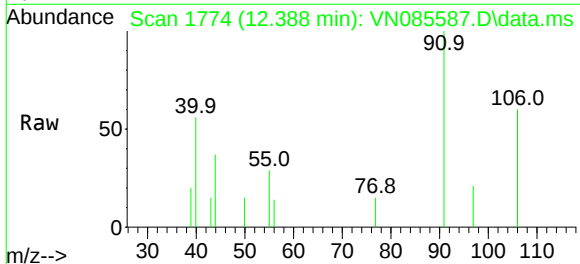
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

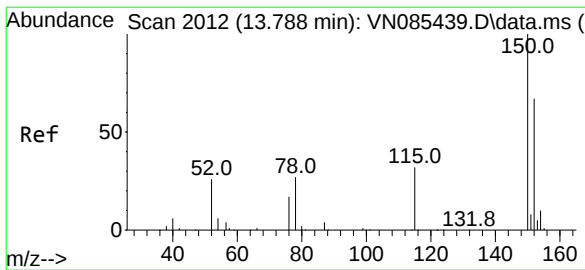
Tgt Ion:106 Resp: 1516
Ion Ratio Lower Upper
106 100
91 212.1 167.7 251.5



#69
o-Xylene
Concen: 0.245 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:106 Resp: 856
Ion Ratio Lower Upper
106 100
91 198.7 110.4 331.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085587.D

Acq: 30 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

BELL-25-002

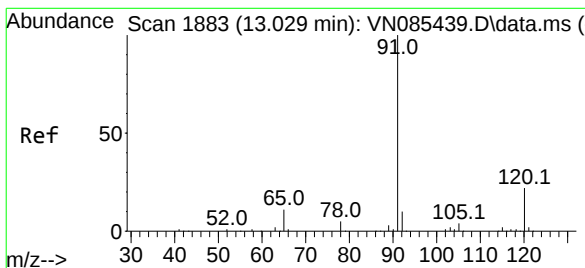
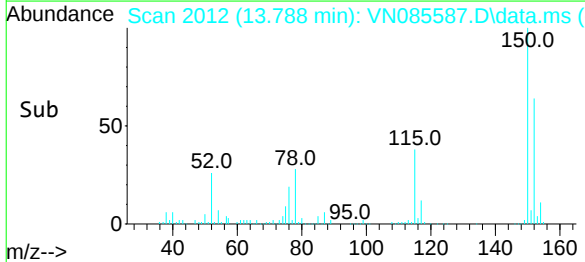
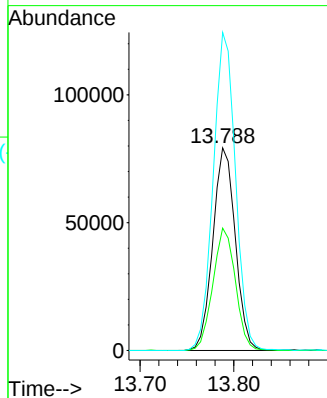
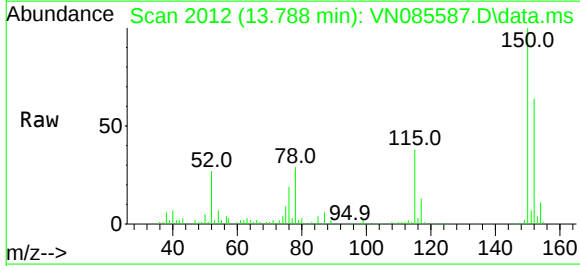
Tgt Ion:152 Resp: 132031

Ion Ratio Lower Upper

152 100

115 60.6 31.1 93.3

150 156.1 0.0 343.6



#78

n-propylbenzene

Concen: 0.504 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.012 min

Lab File: VN085587.D

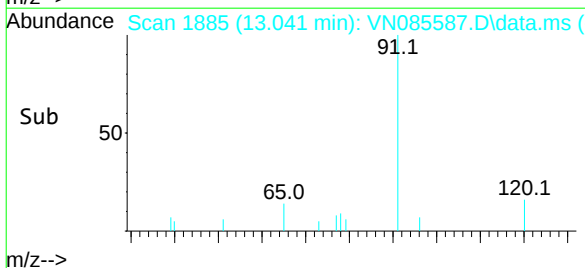
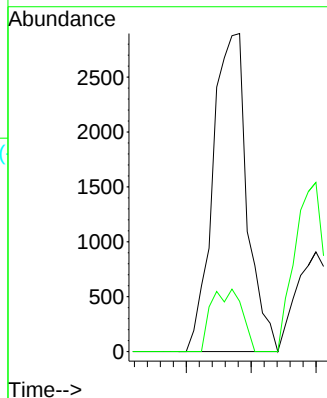
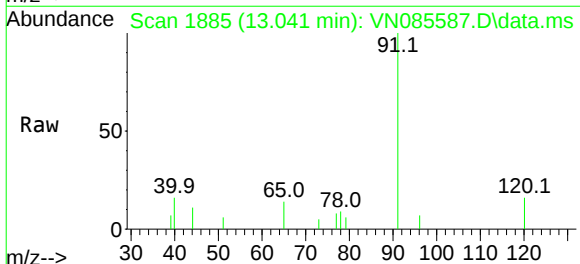
Acq: 30 Jan 2025 18:18

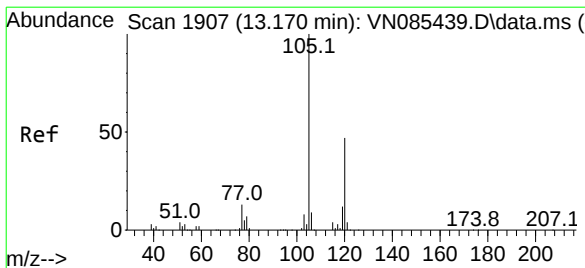
Tgt Ion: 91 Resp: 5321

Ion Ratio Lower Upper

91 100

120 17.7 10.9 32.6





#80

1,3,5-Trimethylbenzene

Concen: 0.824 ug/l

RT: 13.170 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN085587.D

Acq: 30 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

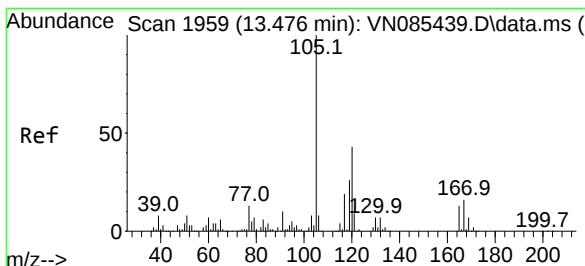
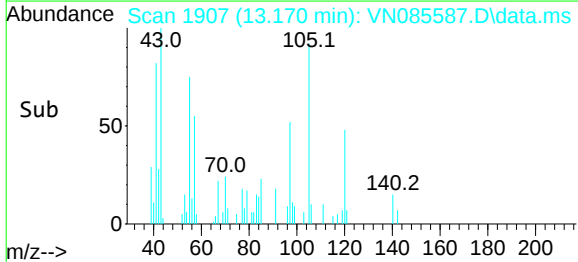
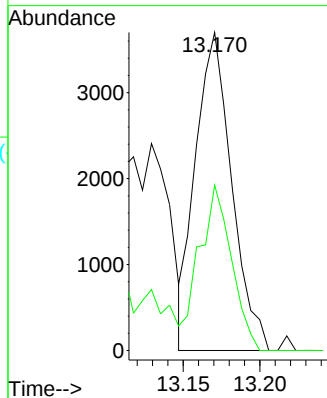
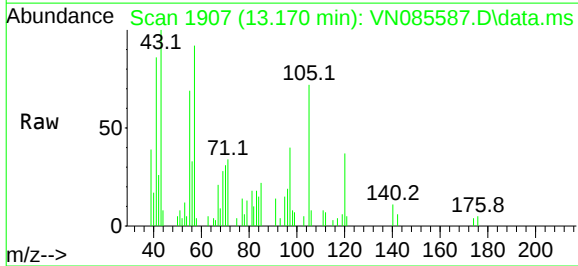
BELL-25-002

Tgt Ion:105 Resp: 6064

Ion Ratio Lower Upper

105 100

120 46.4 23.9 71.7



#84

1,2,4-Trimethylbenzene

Concen: 2.629 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085587.D

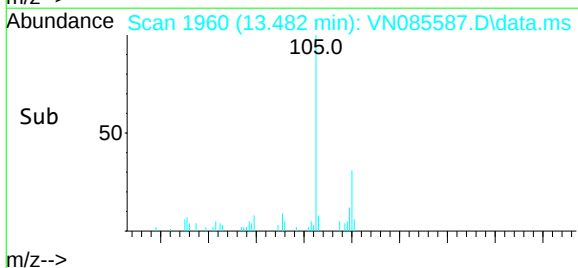
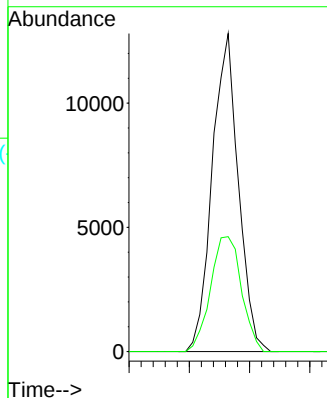
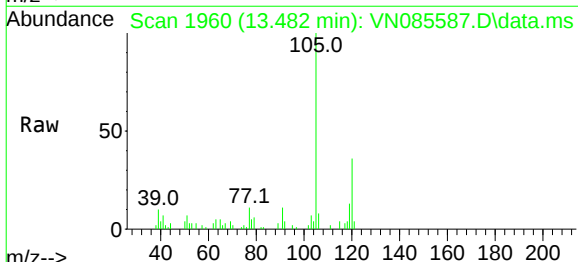
Acq: 30 Jan 2025 18:18

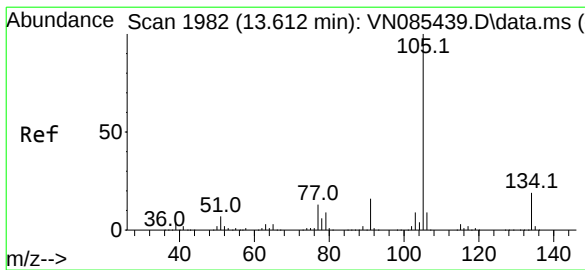
Tgt Ion:105 Resp: 19286

Ion Ratio Lower Upper

105 100

120 42.7 21.6 65.0

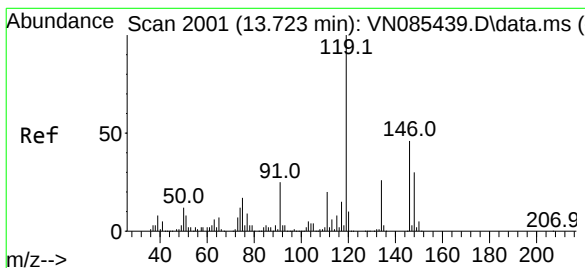
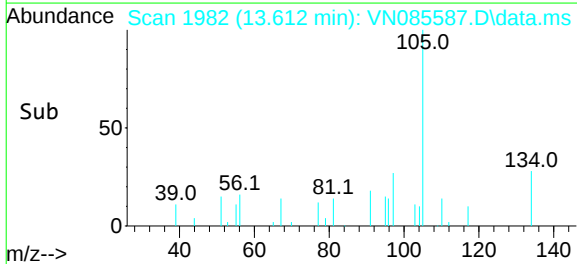
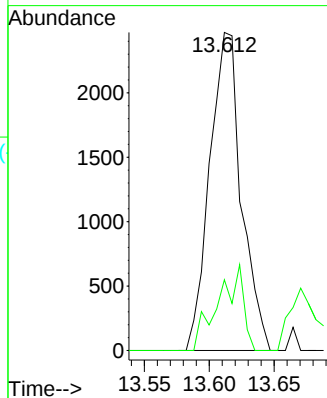
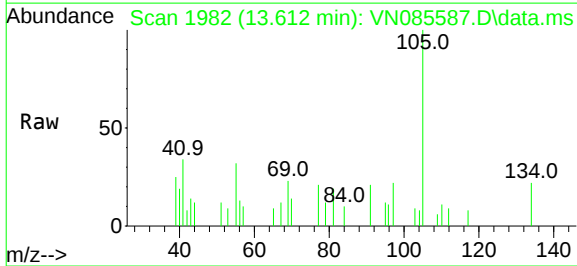




#85
 sec-Butylbenzene
 Concen: 0.489 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085587.D
 Acq: 30 Jan 2025 18:18

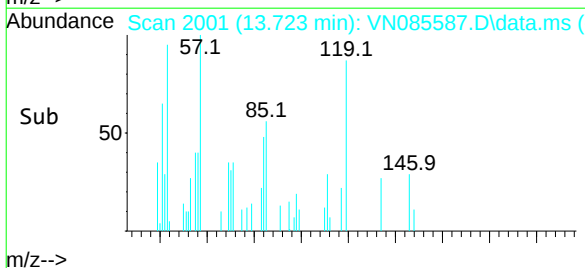
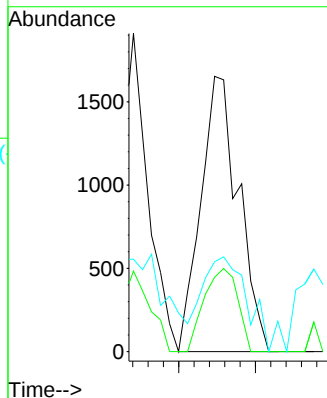
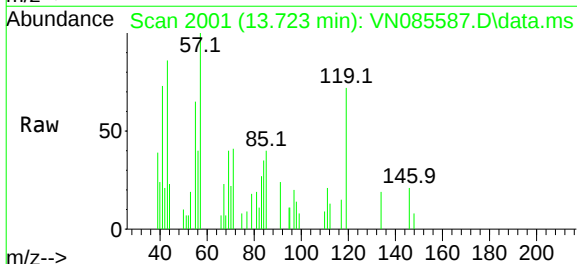
Instrument :
 MSVOA_N
 ClientSampleId :
 BELL-25-002

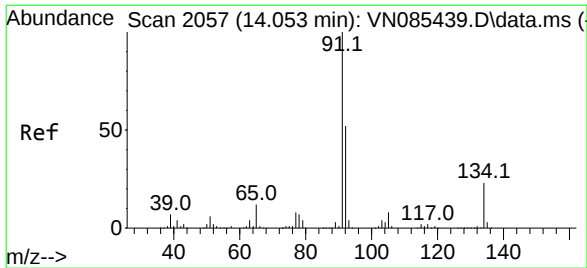
Tgt Ion:105 Resp: 4189
 Ion Ratio Lower Upper
 105 100
 134 21.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 0.441 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085587.D
 Acq: 30 Jan 2025 18:18

Tgt Ion:119 Resp: 2829
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.7 38.0
 91 40.8 12.7 38.1#





#89
 n-Butylbenzene
 Concen: 1.109 ug/l
 RT: 14.047 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: VN085587.D
 Acq: 30 Jan 2025 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 BELL-25-002

Tgt Ion:	91	Resp:	6818
Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.8	77.3
134	0.0	11.7	35.1

