

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083826.D
 Acq On : 12 Sep 2024 12:31
 Operator : JC\MD
 Sample : P3913-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 82924-A-C

Quant Time: Sep 12 16:45:51 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)

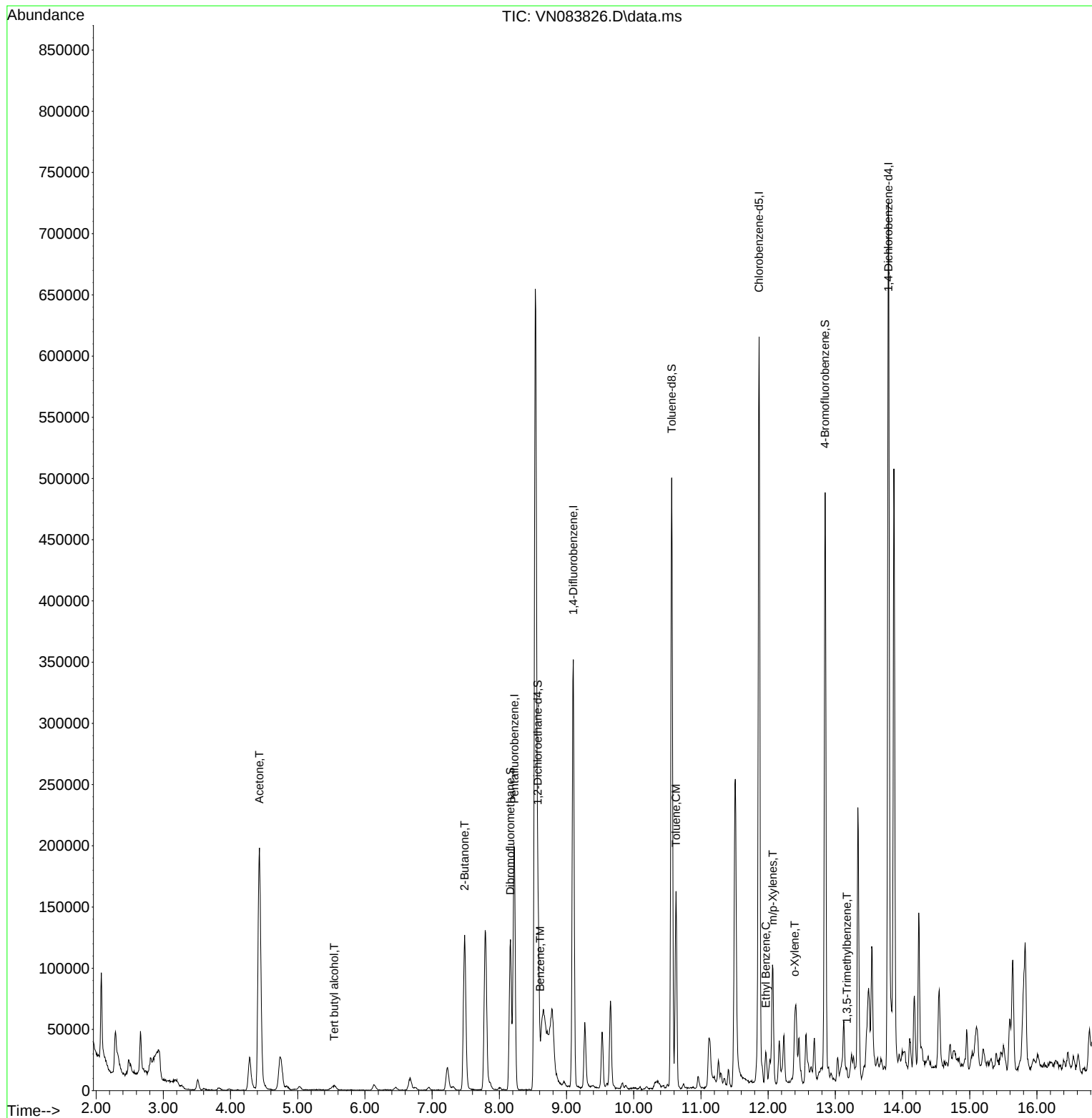
Internal Standards						
1) Pentafluorobenzene	8.224	168	137537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	109098	52.606	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.220%		
35) Dibromofluoromethane	8.165	113	85574	46.846	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.700%		
50) Toluene-d8	10.565	98	322743	51.107	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.220%		
62) 4-Bromofluorobenzene	12.847	95	163751	62.850	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 125.700%#		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.542	59	8688m	31.284	ug/l	
16) Acetone	4.430	43	380875	458.134	ug/l	97
25) 2-Butanone	7.483	43	206132	188.646	ug/l	99
40) Benzene	8.606	78	8690	1.050	ug/l	98
52) Toluene	10.630	92	66777	13.192	ug/l	96
67) Ethyl Benzene	11.965	91	20986	1.643	ug/l	94
68) m/p-Xylenes	12.071	106	30261	6.380	ug/l	98
69) o-Xylene	12.394	106	10469	2.280	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	3758	0.324	ug/l	94

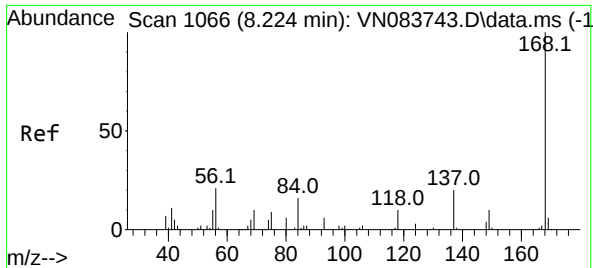
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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82924-A-C

Quant Time: Sep 12 16:45:51 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

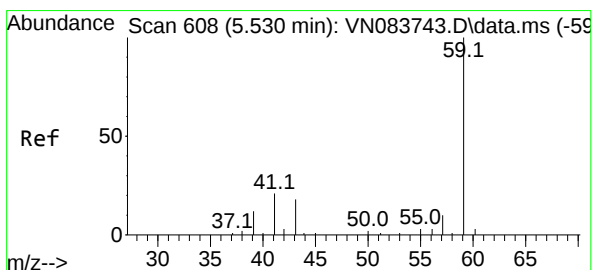
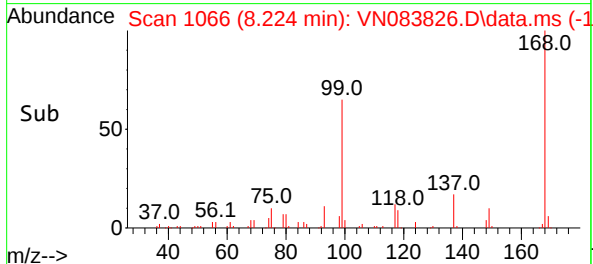
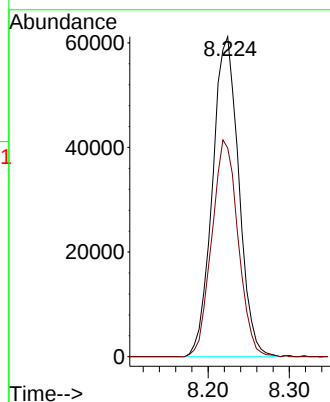
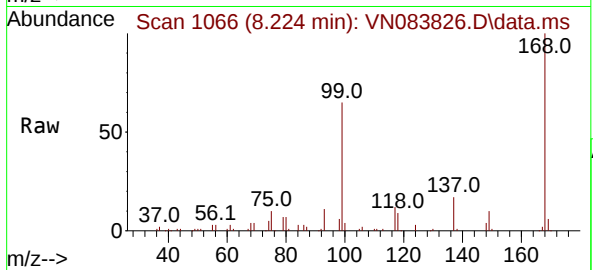




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

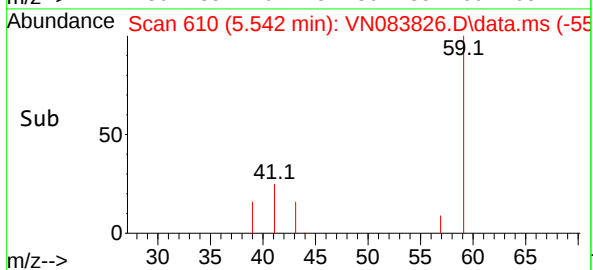
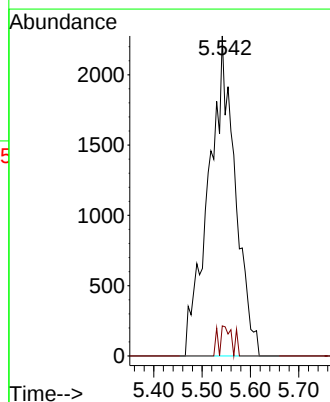
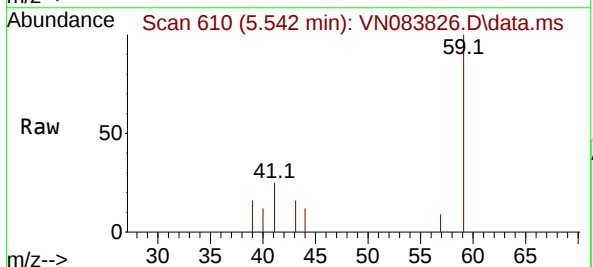
Instrument :
MSVOA_N
ClientSampleId :
82924-A-C

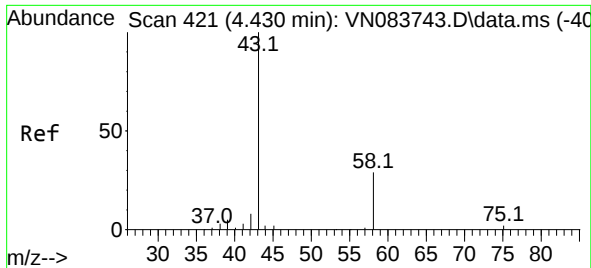
Tgt Ion:168 Resp: 137537
Ion Ratio Lower Upper
168 100
99 65.2 54.2 81.2



#11
Tert butyl alcohol
Concen: 31.284 ug/l m
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

Tgt Ion: 59 Resp: 8688
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

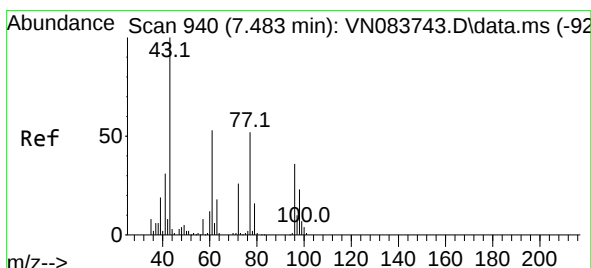
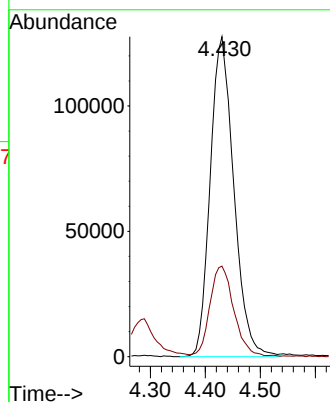
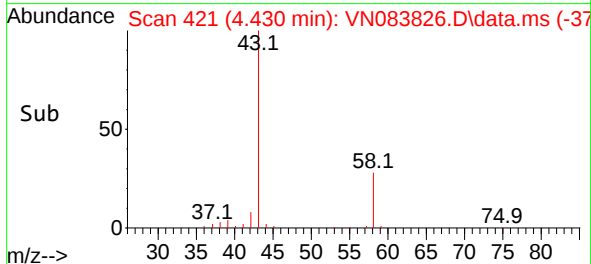
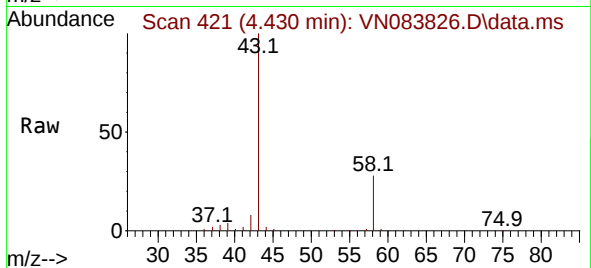




#16
Acetone
Concen: 458.134 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

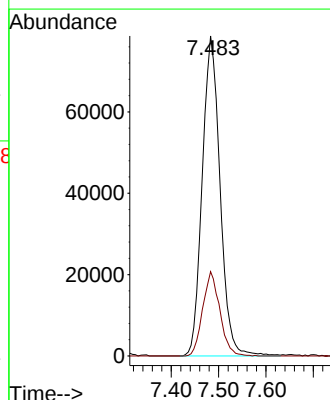
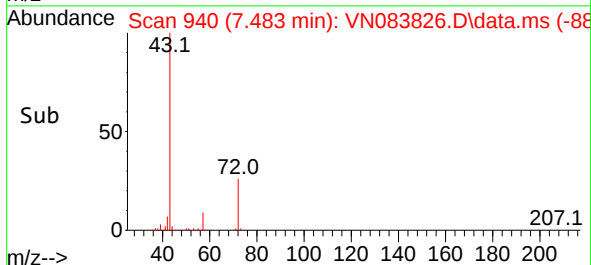
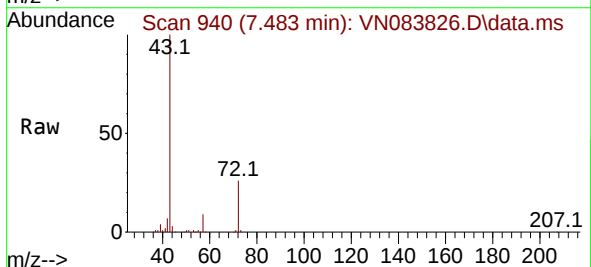
Instrument :
MSVOA_N
ClientSampleId :
82924-A-C

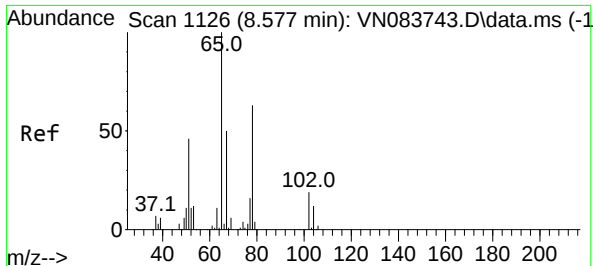
Tgt Ion: 43 Resp: 380875
Ion Ratio Lower Upper
43 100
58 28.2 23.7 35.5



#25
2-Butanone
Concen: 188.646 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

Tgt Ion: 43 Resp: 206132
Ion Ratio Lower Upper
43 100
72 26.4 20.8 31.2

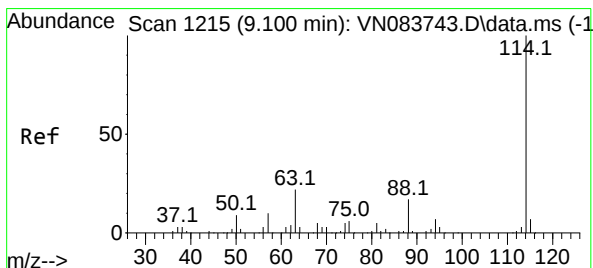
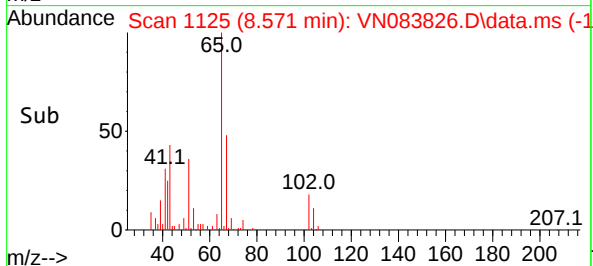
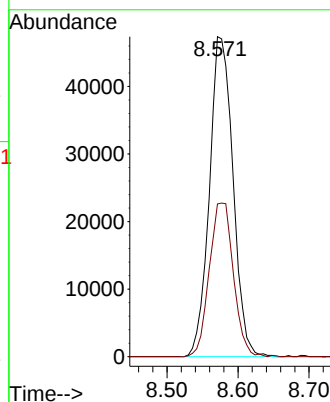
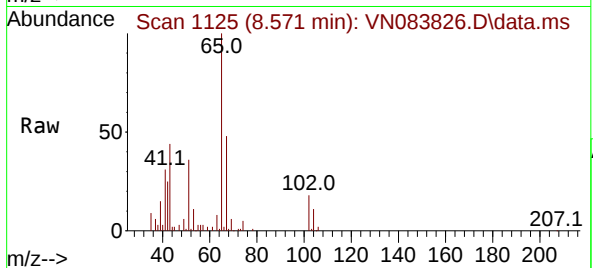




#33
 1,2-Dichloroethane-d4
 Concen: 52.606 ug/l
 RT: 8.571 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN083826.D
 Acq: 12 Sep 2024 12:31

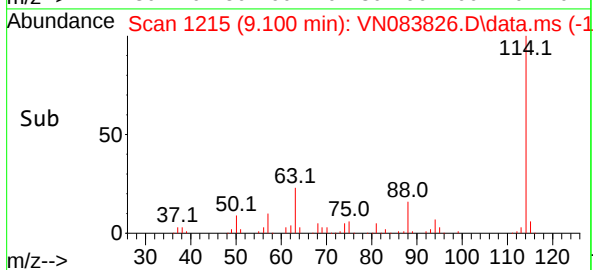
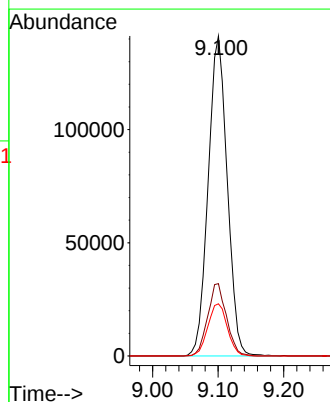
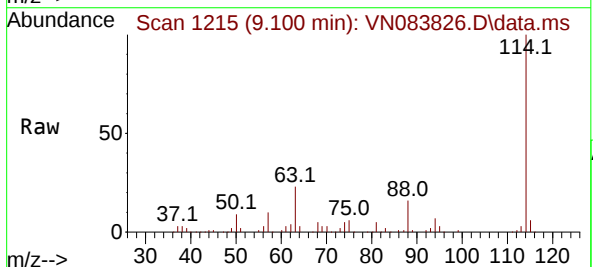
Instrument :
 MSVOA_N
 ClientSampleId :
 82924-A-C

Tgt Ion: 65 Resp: 109098
 Ion Ratio Lower Upper
 65 100
 67 49.1 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: VN083826.D
 Acq: 12 Sep 2024 12:31

Tgt Ion: 114 Resp: 285338
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.4
 88 16.3 0.0 32.6

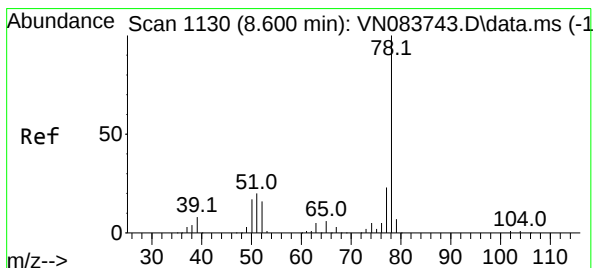
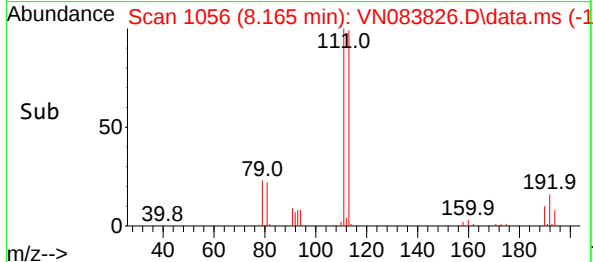
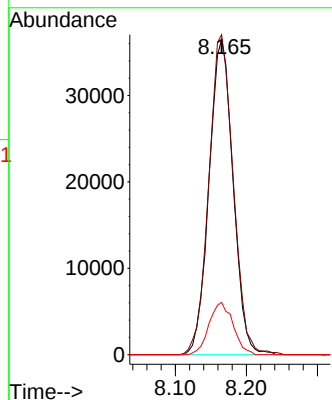
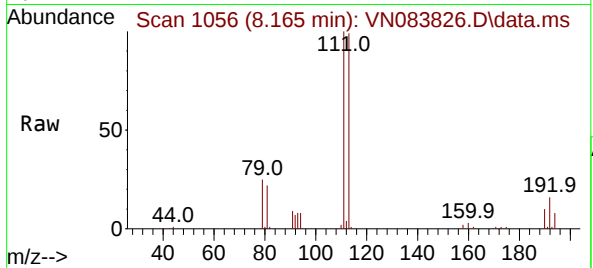




#35
Dibromofluoromethane
Concen: 46.846 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

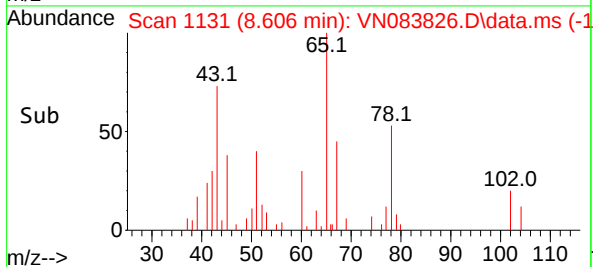
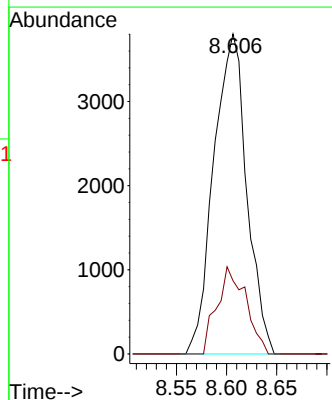
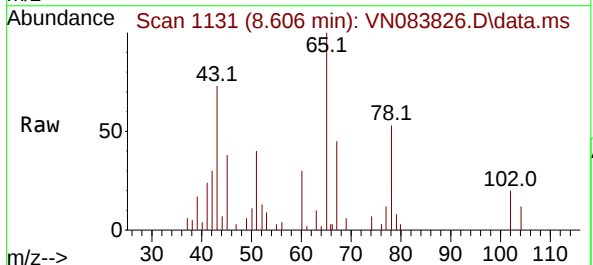
Instrument :
MSVOA_N
ClientSampleId :
82924-A-C

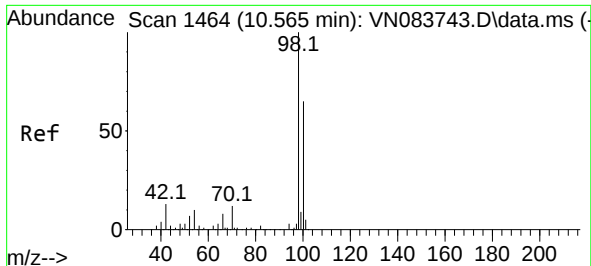
Tgt Ion:113 Resp: 85574
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 16.6 14.3 21.5



#40
Benzene
Concen: 1.050 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

Tgt Ion: 78 Resp: 8690
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6

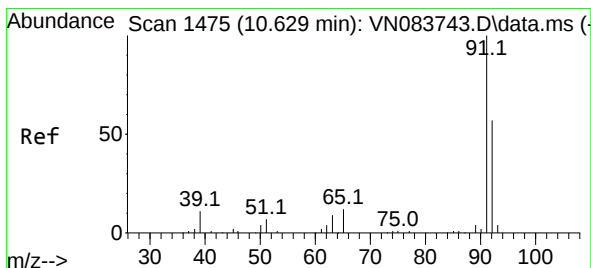
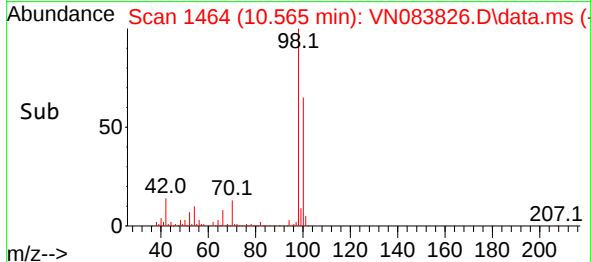
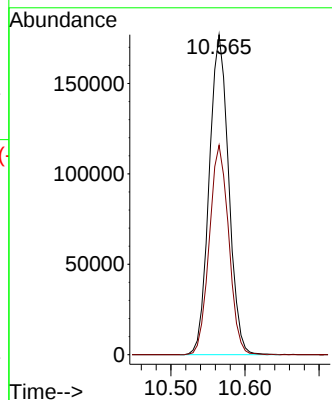
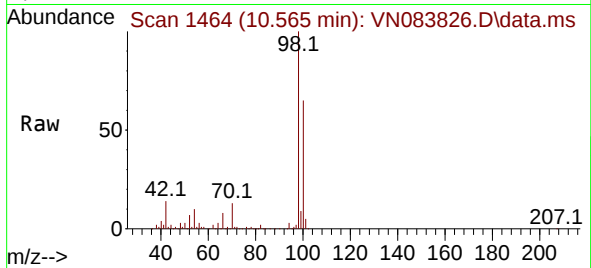




#50
Toluene-d8
Concen: 51.107 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

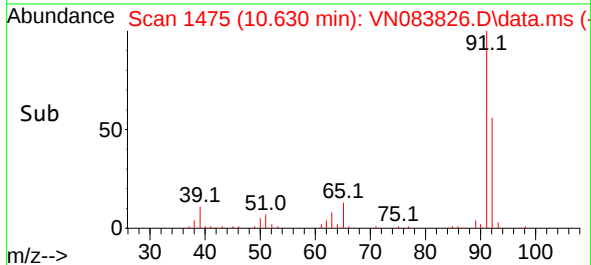
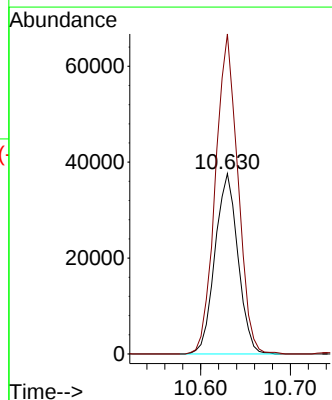
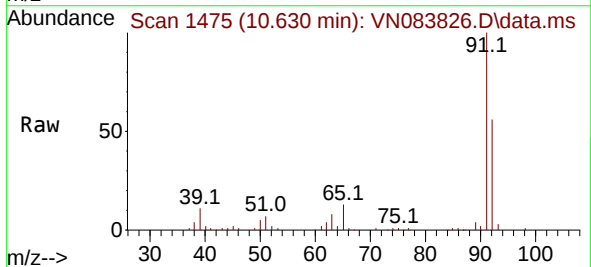
Instrument :
MSVOA_N
ClientSampleId :
82924-A-C

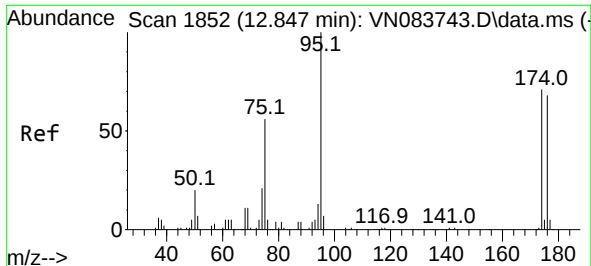
Tgt Ion: 98 Resp: 322743
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#52
Toluene
Concen: 13.192 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

Tgt Ion: 92 Resp: 66777
Ion Ratio Lower Upper
92 100
91 174.2 134.7 202.1

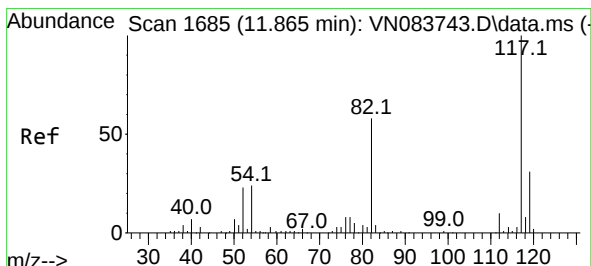
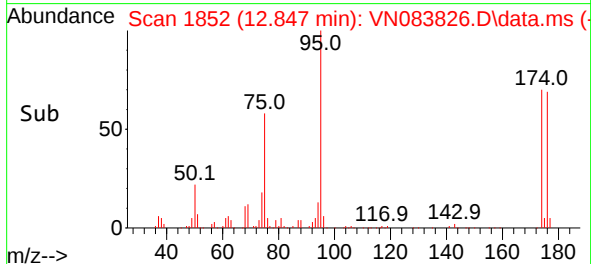
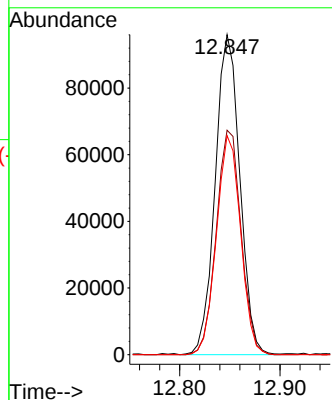
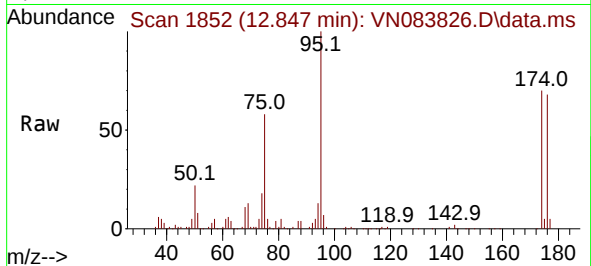




#62
4-Bromofluorobenzene
Concen: 62.850 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

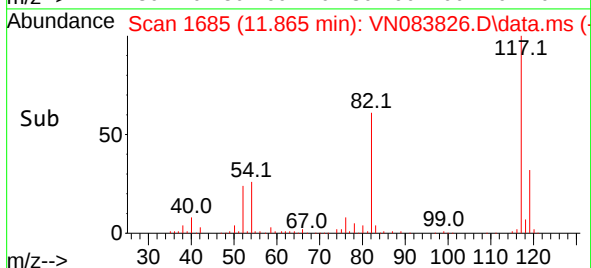
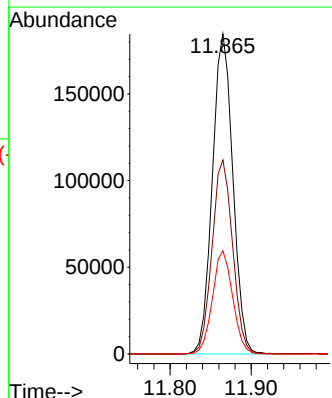
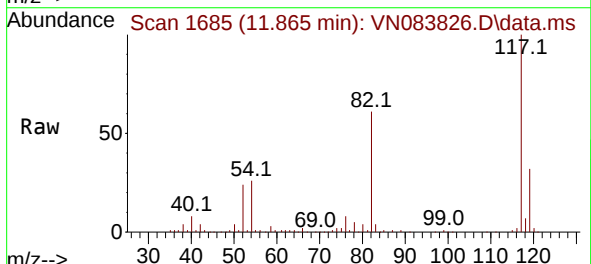
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ClientSampleId :
82924-A-C

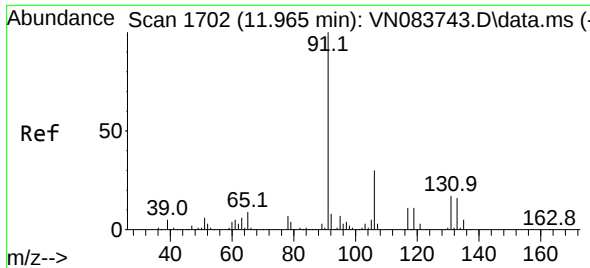
Tgt Ion: 95 Resp: 163751
Ion Ratio Lower Upper
95 100
174 70.6 0.0 139.8
176 67.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

Tgt Ion: 117 Resp: 323559
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.0
119 32.2 26.3 39.5

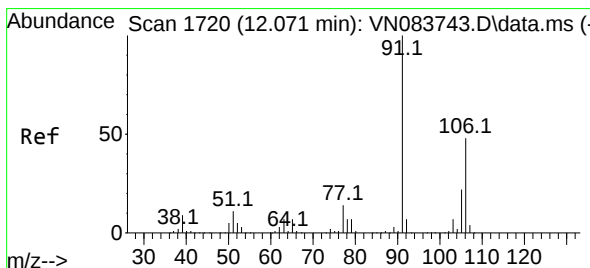
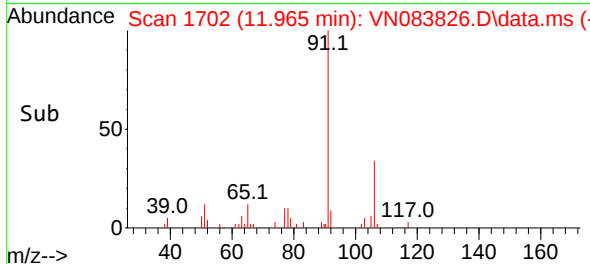
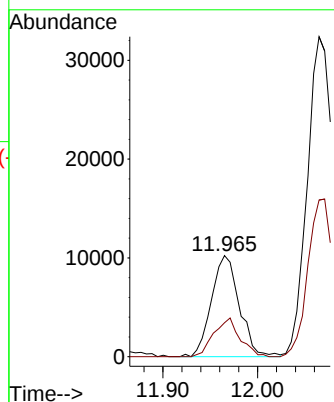
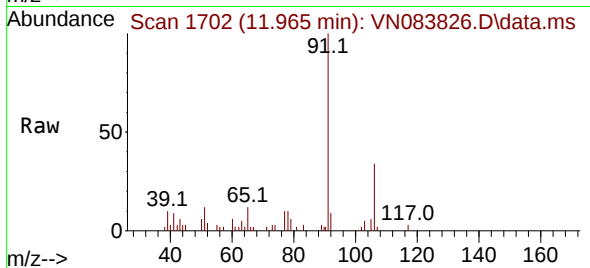




#67
Ethyl Benzene
Concen: 1.643 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

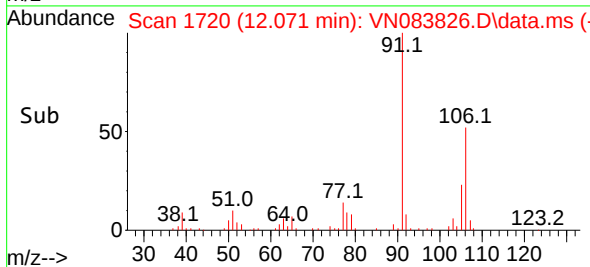
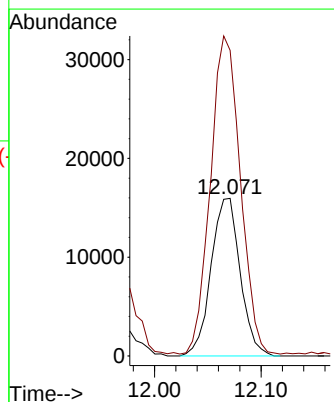
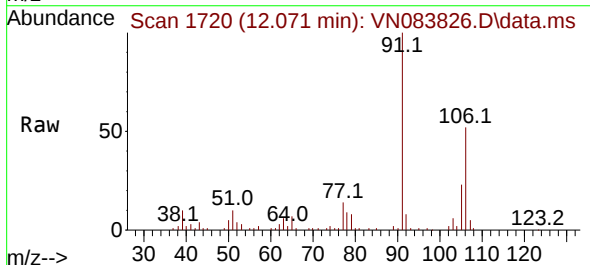
Instrument :
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82924-A-C

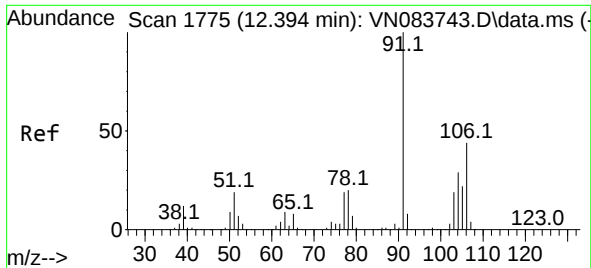
Tgt Ion: 91 Resp: 20986
Ion Ratio Lower Upper
91 100
106 33.6 24.3 36.5



#68
m/p-Xylenes
Concen: 6.380 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

Tgt Ion: 106 Resp: 30261
Ion Ratio Lower Upper
106 100
91 207.6 169.2 253.8

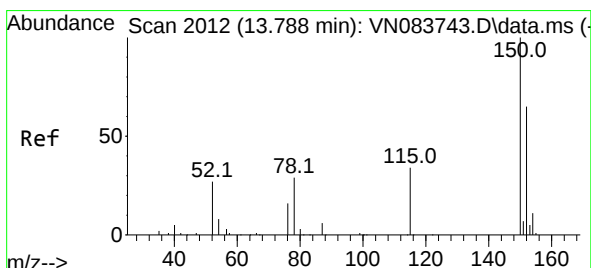
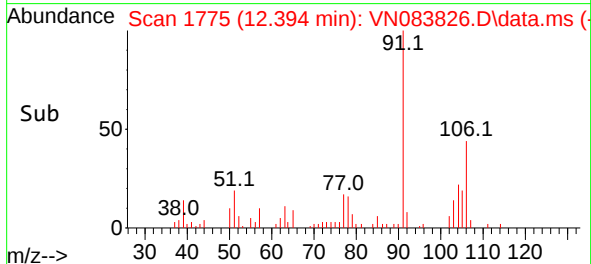
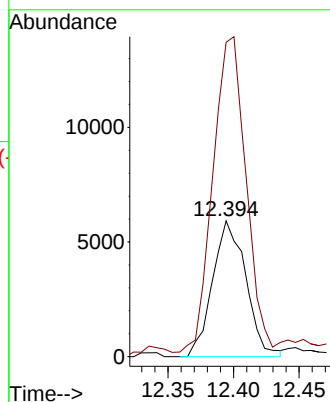
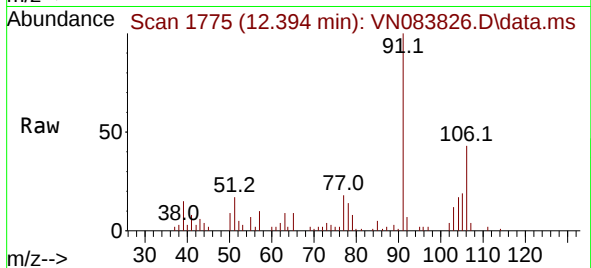




#69
o-Xylene
Concen: 2.280 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

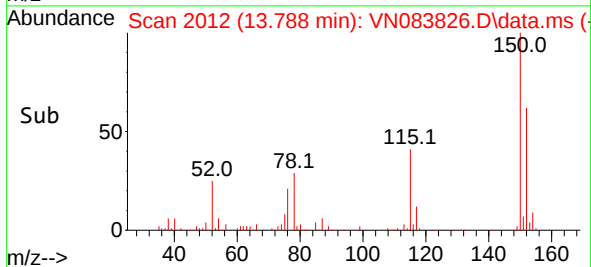
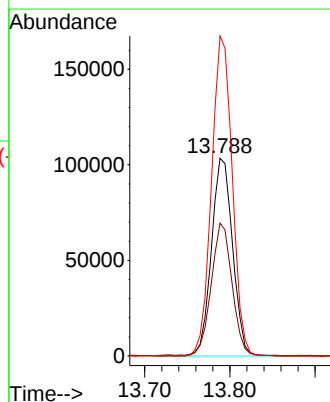
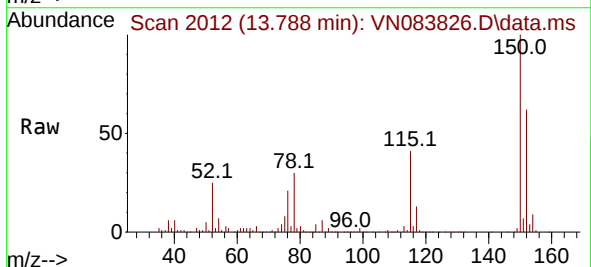
Instrument :
MSVOA_N
ClientSampleId :
82924-A-C

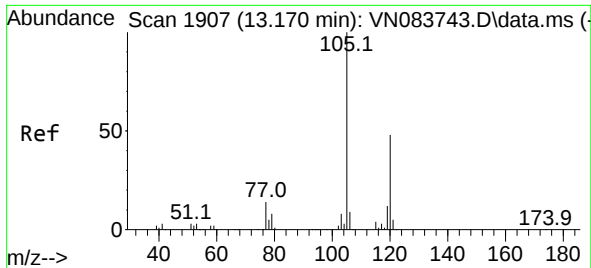
Tgt Ion:106 Resp: 10469
Ion Ratio Lower Upper
106 100
91 231.1 112.9 338.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083826.D
Acq: 12 Sep 2024 12:31

Tgt Ion:152 Resp: 177908
Ion Ratio Lower Upper
152 100
115 66.0 32.2 96.6
150 158.7 0.0 348.6





#80

1,3,5-Trimethylbenzene

Concen: 0.324 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083826.D

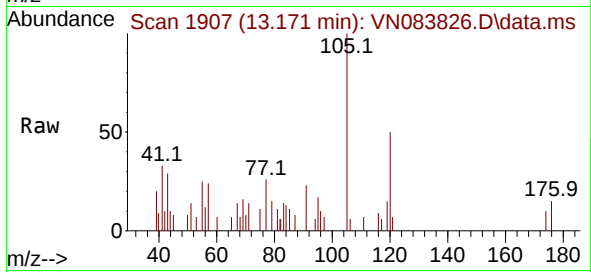
Acq: 12 Sep 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

82924-A-C



Tgt Ion:105 Resp: 3758

Ion Ratio Lower Upper

105 100

120 43.2 23.4 70.3

