

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084092.D
 Acq On : 21 Sep 2024 05:47
 Operator : JC\MD
 Sample : P4099-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GAS-TRANSMISSION-DEBRIS

Quant Time: Sep 21 06:48:43 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)

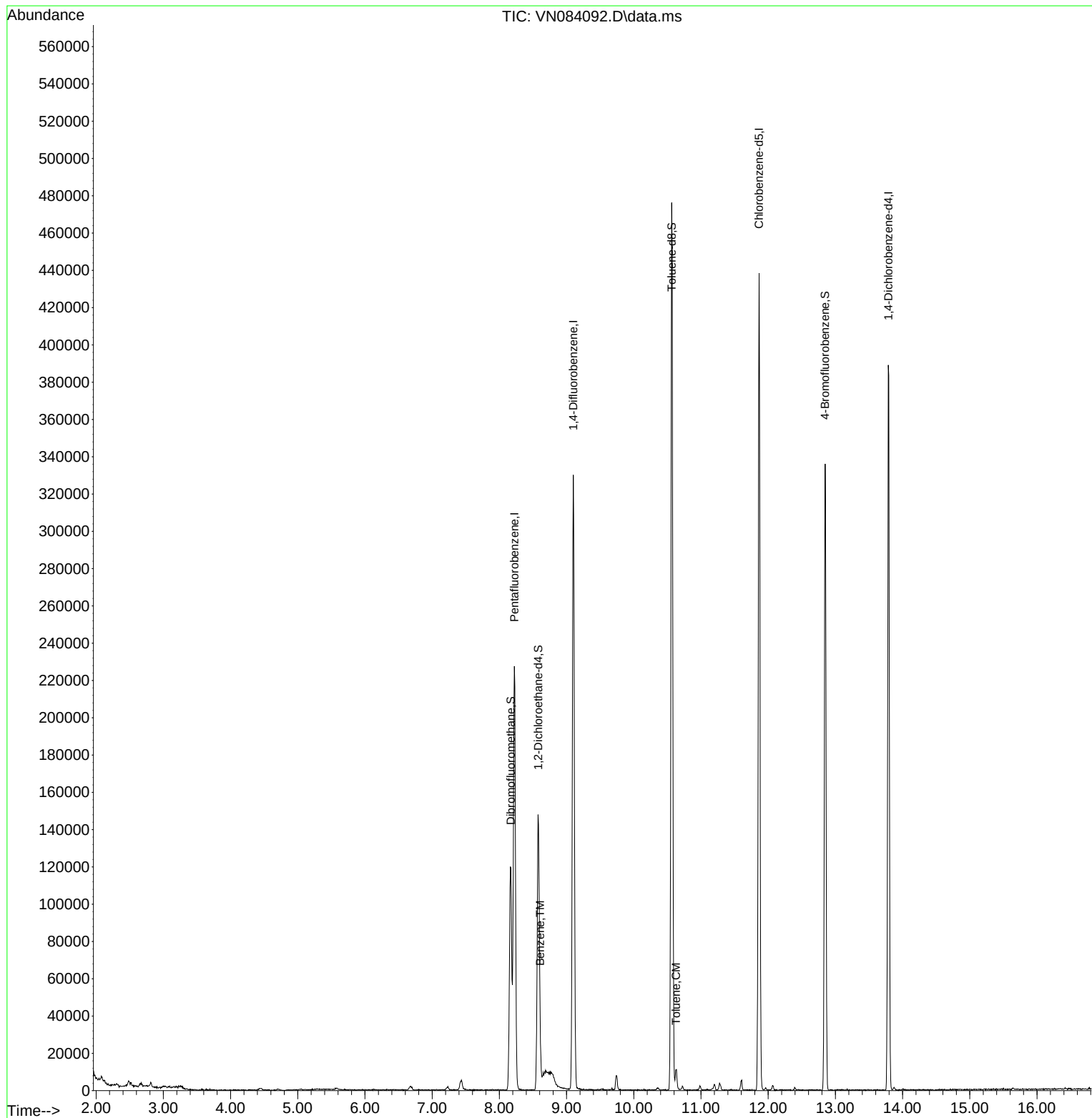
Internal Standards						
1) Pentafluorobenzene	8.224	168	151973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120953	52.782	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.560%			
35) Dibromofluoromethane	8.171	113	86815	50.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	10.565	98	323314	54.547	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.100%			
62) 4-Bromofluorobenzene	12.847	95	115969	47.423	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.840%			
Target Compounds						
40) Benzene	8.606	78	13934	1.794	ug/l	97
52) Toluene	10.629	92	5000	1.052	ug/l	96

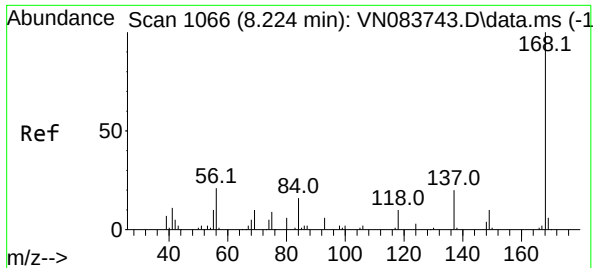
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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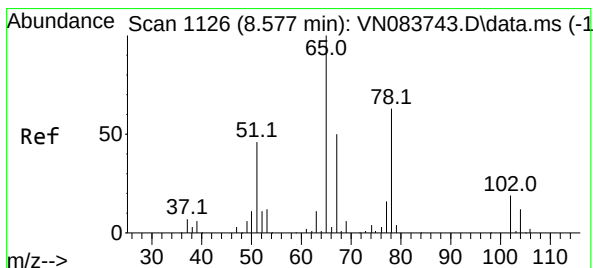
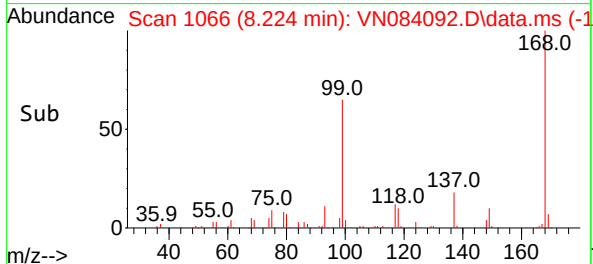
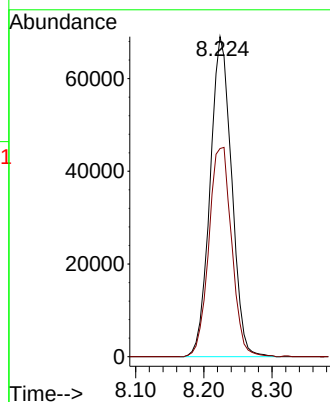
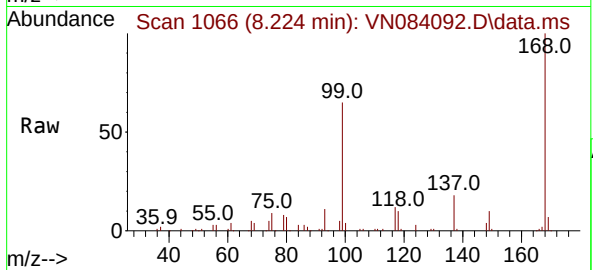




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

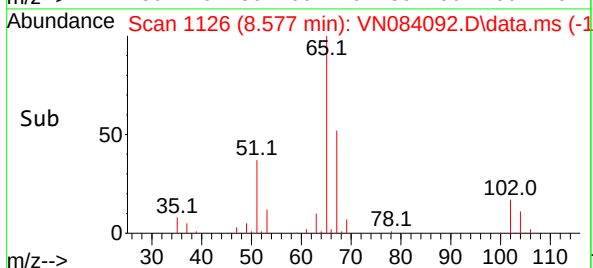
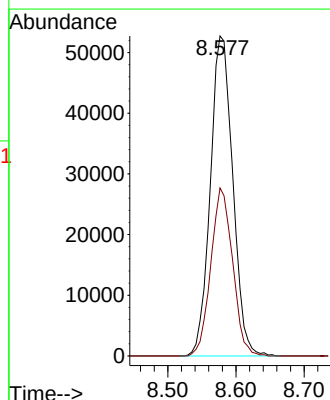
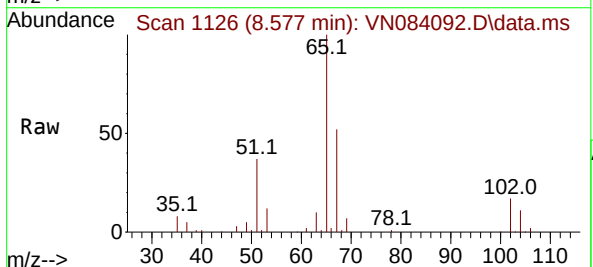
Instrument :
MSVOA_N
ClientSampleId :
GAS-TRANSMISSION-DEBRIS

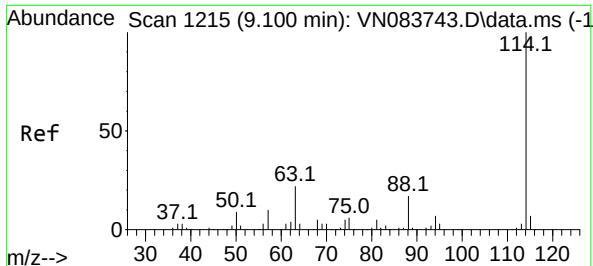
Tgt Ion:168 Resp: 151973
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 52.782 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

Tgt Ion: 65 Resp: 120953
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8

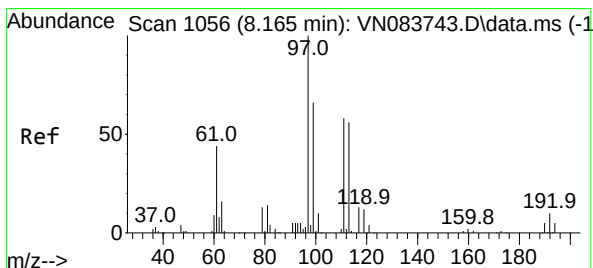
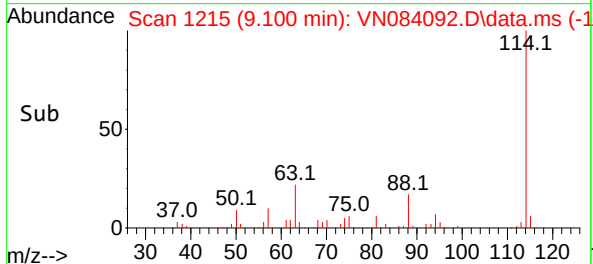
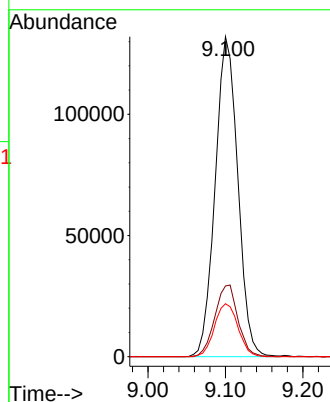
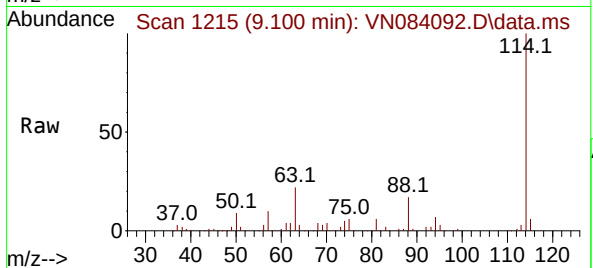




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

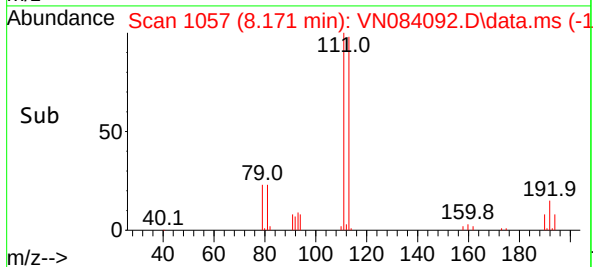
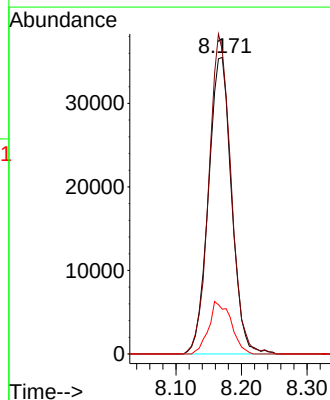
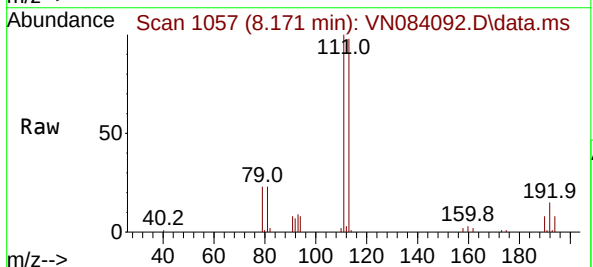
Instrument :
MSVOA_N
ClientSampleId :
GAS-TRANSMISSION-DEBRIS

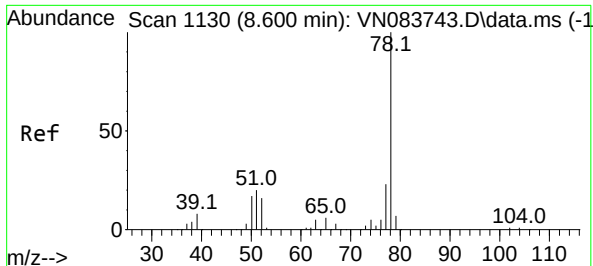
Tgt Ion:114 Resp: 267817
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.4
88 16.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.635 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

Tgt Ion:113 Resp: 86815
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 17.2 14.3 21.5





#40

Benzene

Concen: 1.794 ug/l

RT: 8.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN084092.D

Acq: 21 Sep 2024 05:47

Instrument :

MSVOA_N

ClientSampleId :

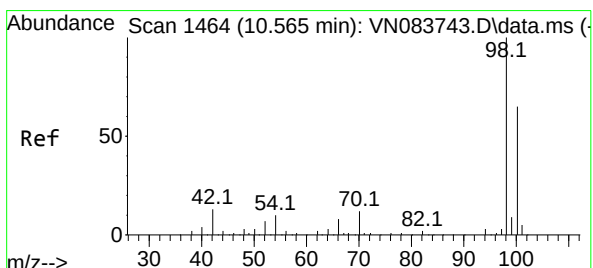
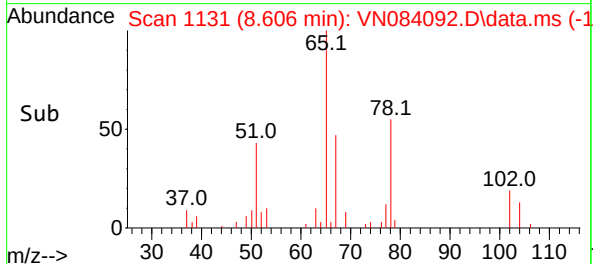
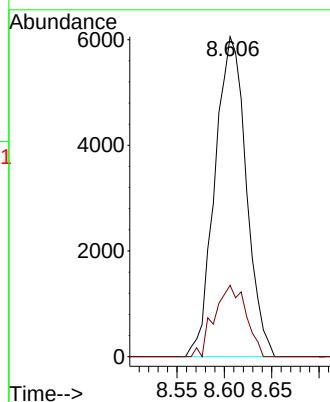
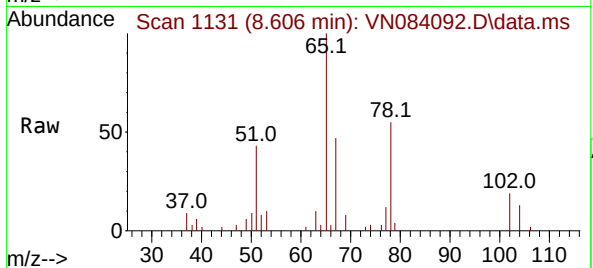
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Tgt Ion: 78 Resp: 13934

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6



#50

Toluene-d8

Concen: 54.547 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084092.D

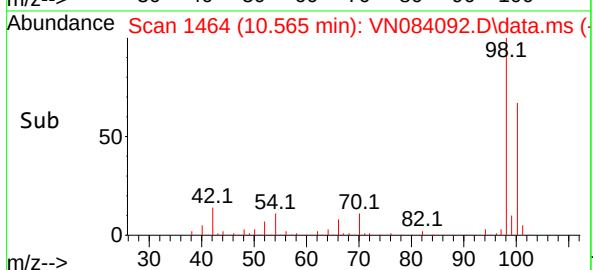
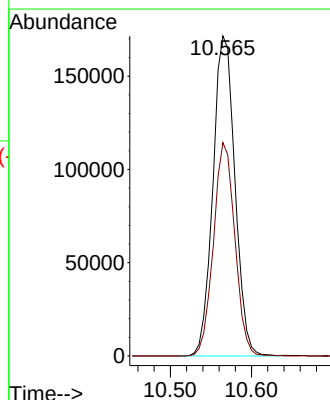
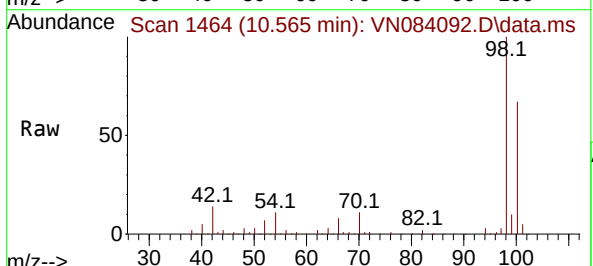
Acq: 21 Sep 2024 05:47

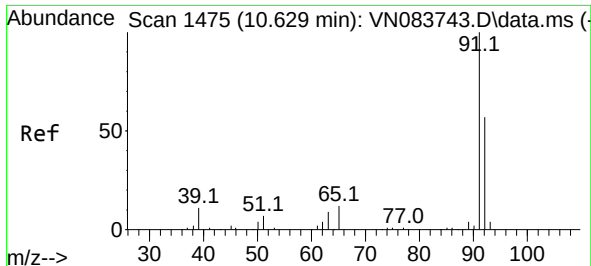
Tgt Ion: 98 Resp: 323314

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

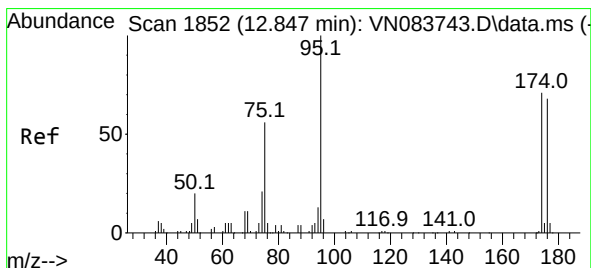
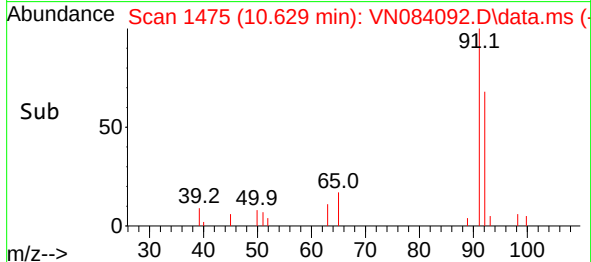
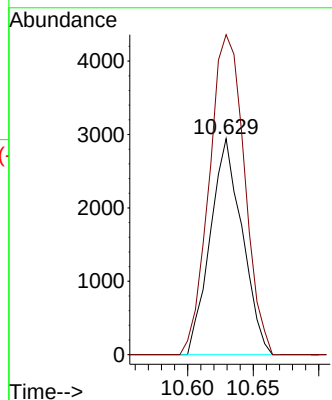
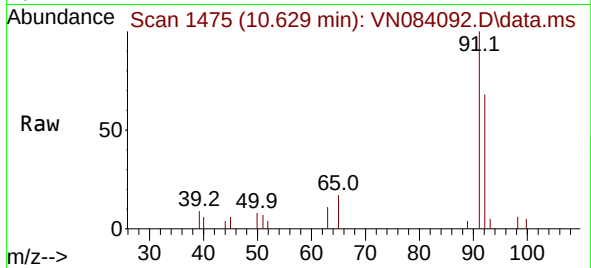




#52
Toluene
Concen: 1.052 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

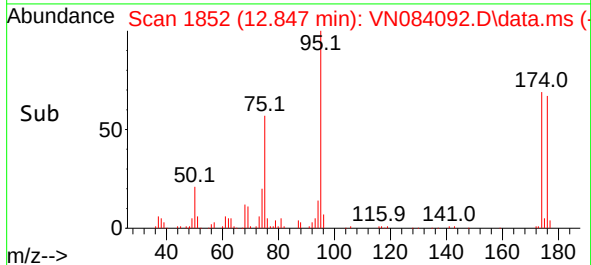
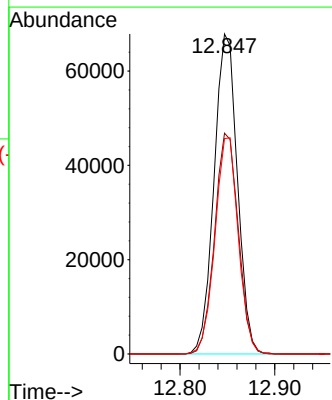
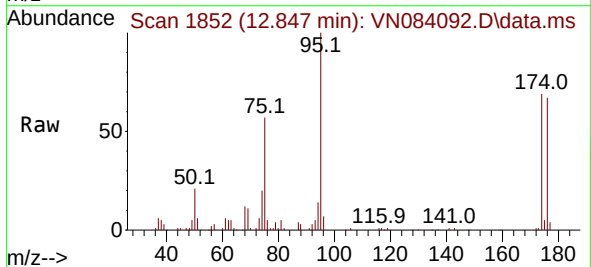
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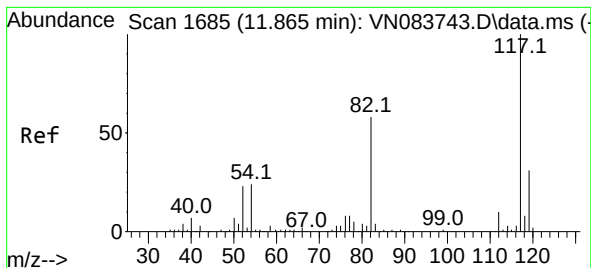
Tgt Ion: 92 Resp: 5000
Ion Ratio Lower Upper
92 100
91 163.0 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 47.423 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

Tgt Ion: 95 Resp: 115969
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.8 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084092.D

Acq: 21 Sep 2024 05:47

Instrument :

MSVOA_N

ClientSampleId :

GAS-TRANSMISSION-DEBRIS

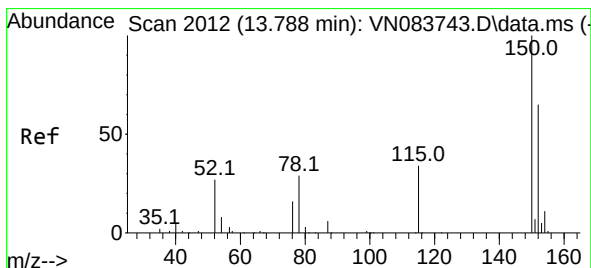
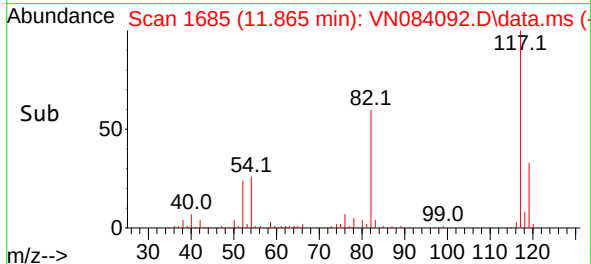
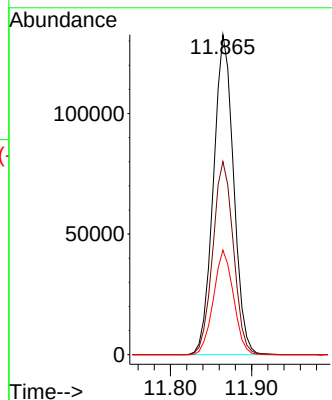
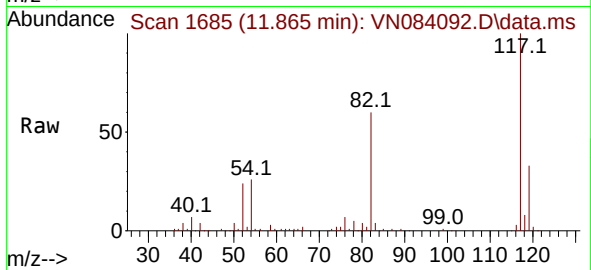
Tgt Ion:117 Resp: 229260

Ion Ratio Lower Upper

117 100

82 60.3 47.4 71.0

119 32.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN084092.D

Acq: 21 Sep 2024 05:47

Tgt Ion:152 Resp: 98524

Ion Ratio Lower Upper

152 100

115 64.3 32.2 96.6

150 156.1 0.0 348.6

