

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084101.D
 Acq On : 23 Sep 2024 11:29
 Operator : JC\MD
 Sample : P4099-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GAS-TRANSMISSION-DEBRIS

Quant Time: Sep 23 11:48:01 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)

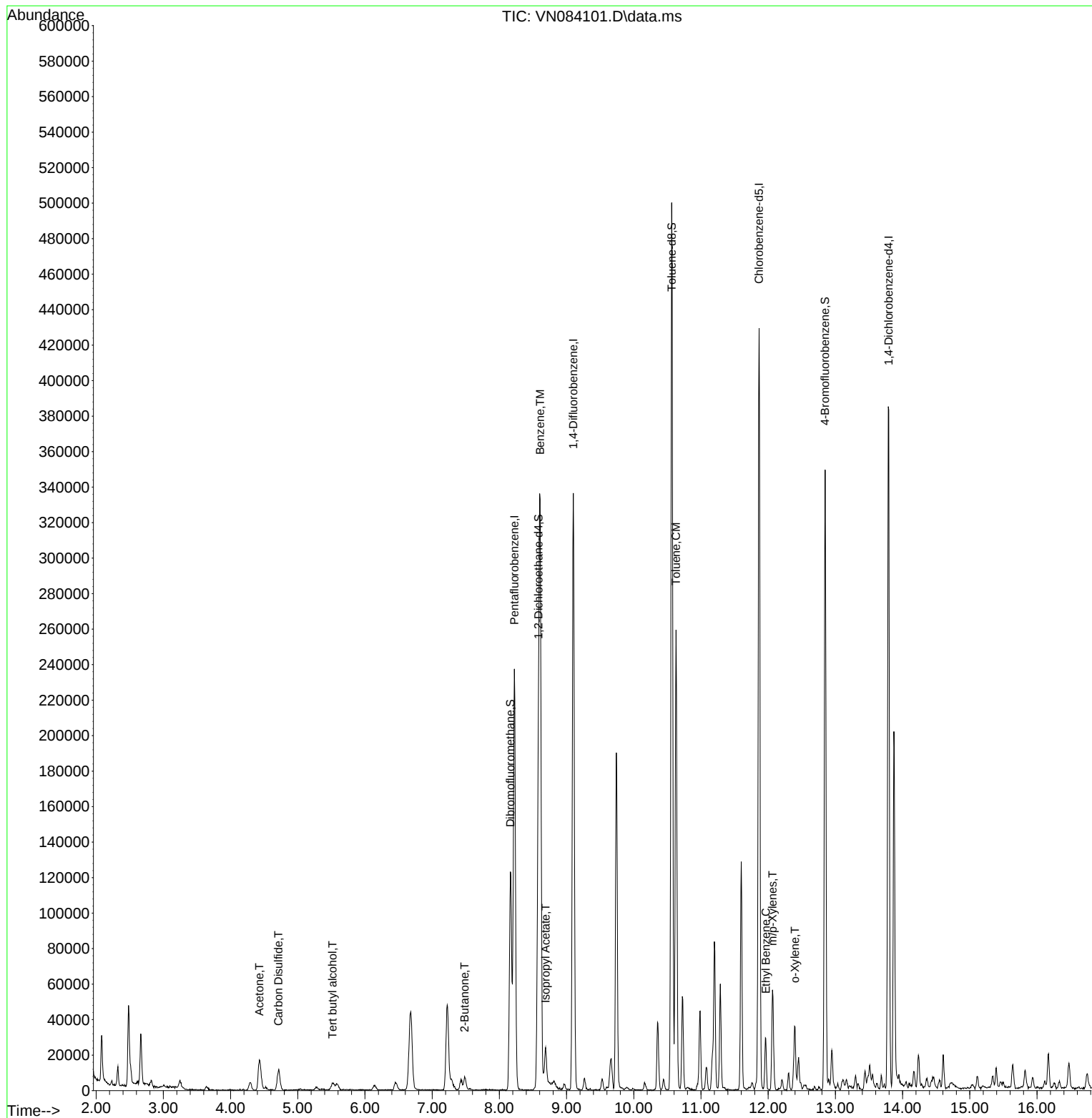
Internal Standards						
1) Pentafluorobenzene	8.224	168	162154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119797	48.996	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.000%
35) Dibromofluoromethane	8.165	113	88014	49.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.600%
50) Toluene-d8	10.565	98	333869	54.640	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.280%
62) 4-Bromofluorobenzene	12.847	95	121269	48.104	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	7613	23.252	ug/l #	85
16) Acetone	4.430	43	34882	35.588	ug/l	99
17) Carbon Disulfide	4.712	76	24101	4.912	ug/l	98
25) 2-Butanone	7.482	43	12397	9.623	ug/l	95
40) Benzene	8.606	78	307208	38.366	ug/l	99
43) Isopropyl Acetate	8.688	43	30540	6.979	ug/l #	85
52) Toluene	10.629	92	109098	22.275	ug/l	98
67) Ethyl Benzene	11.964	91	18841	2.007	ug/l	99
68) m/p-Xylenes	12.065	106	17195	4.934	ug/l	98
69) o-Xylene	12.400	106	9063	2.686	ug/l	93

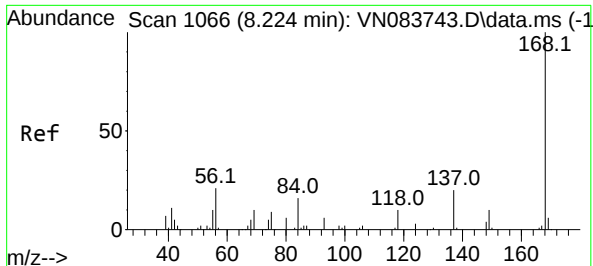
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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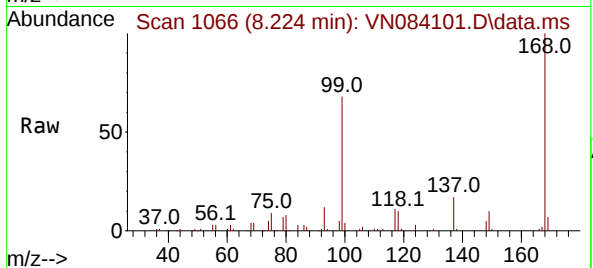
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



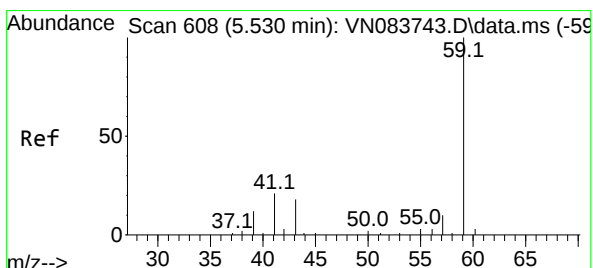
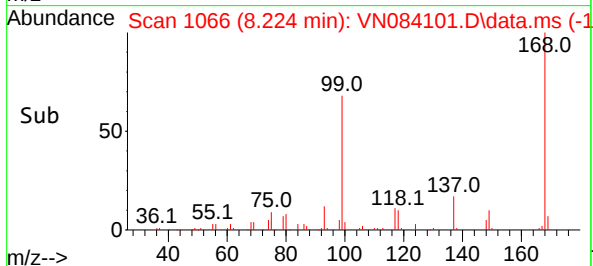
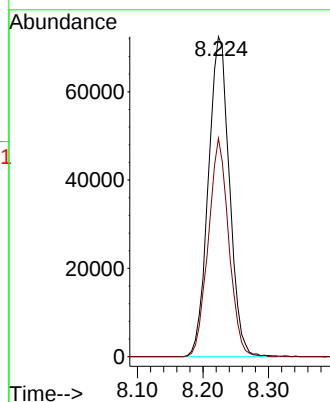


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

Instrument :
MSVOA_N
ClientSampleId :
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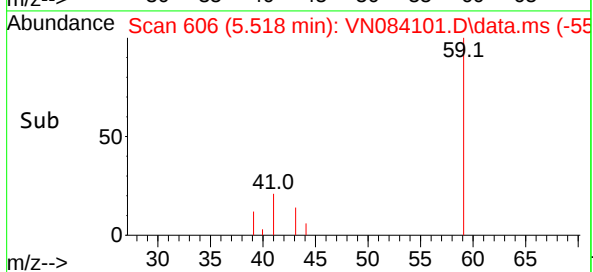
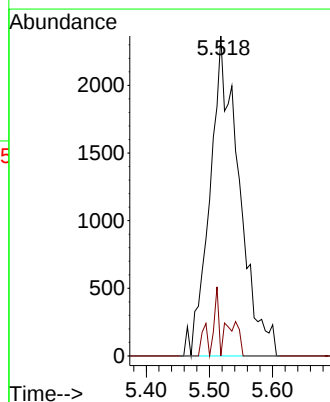
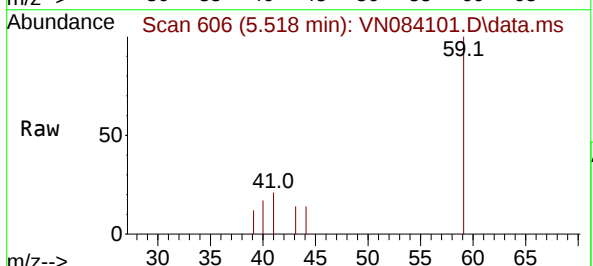


Tgt Ion:168 Resp: 162154
Ion Ratio Lower Upper
168 100
99 68.2 54.2 81.2



#11
Tert butyl alcohol
Concen: 23.252 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

Tgt Ion: 59 Resp: 7613
Ion Ratio Lower Upper
59 100
57 5.3 8.7 13.1#

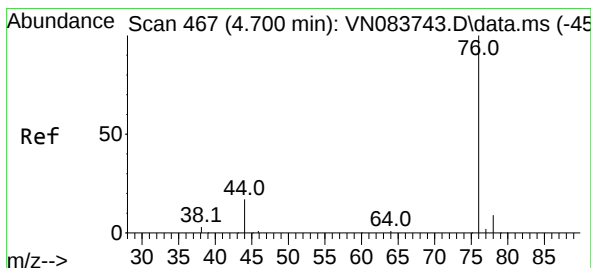
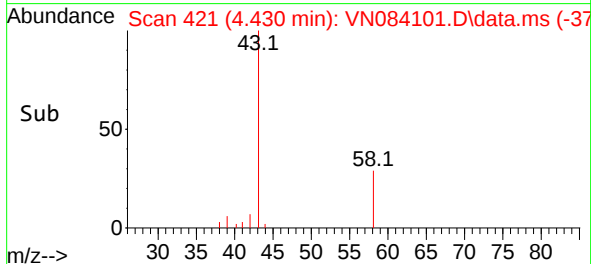
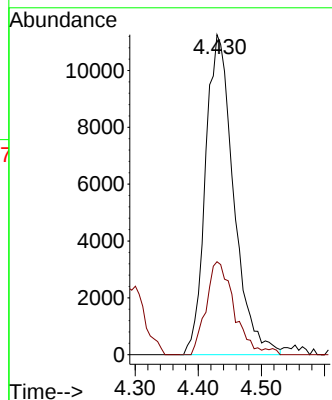
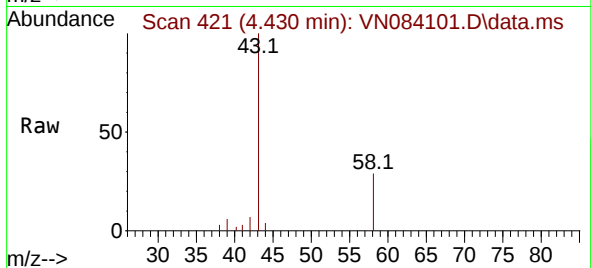




#16
Acetone
Concen: 35.588 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

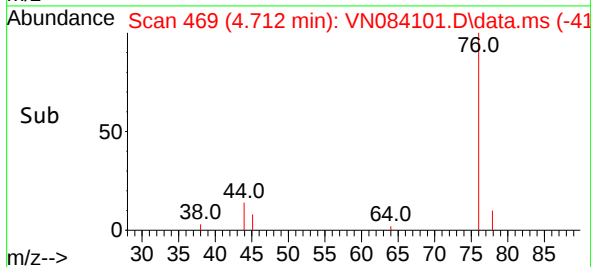
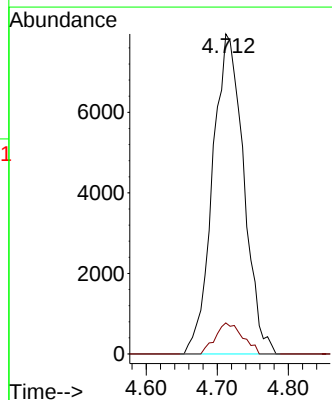
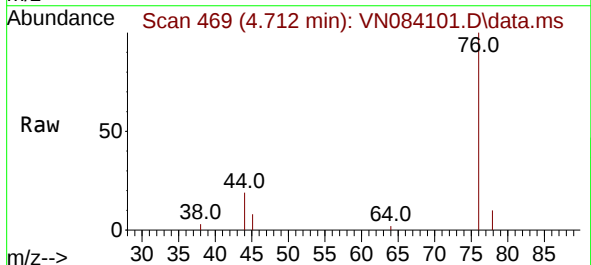
Instrument :
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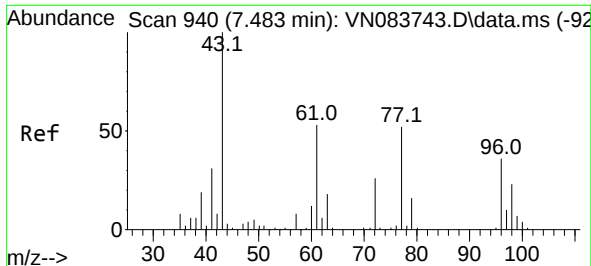
Tgt Ion: 43 Resp: 34882
Ion Ratio Lower Upper
43 100
58 29.0 23.7 35.5



#17
Carbon Disulfide
Concen: 4.912 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

Tgt Ion: 76 Resp: 24101
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

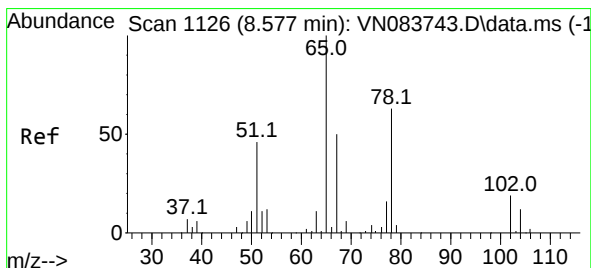
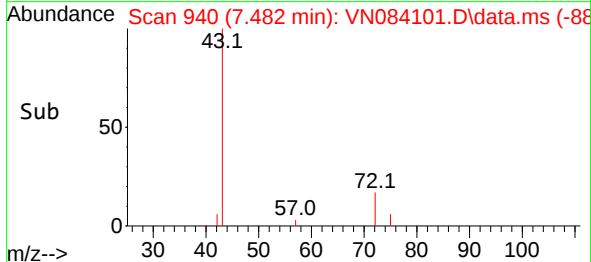
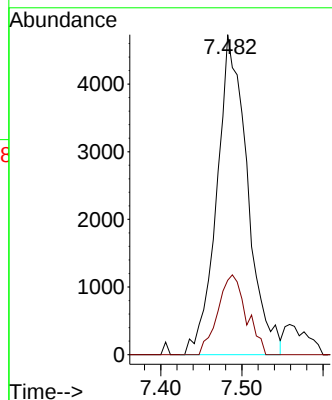
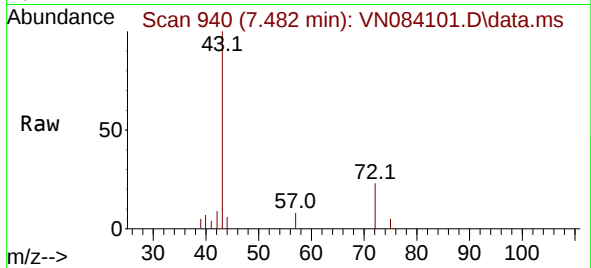




#25
2-Butanone
Concen: 9.623 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

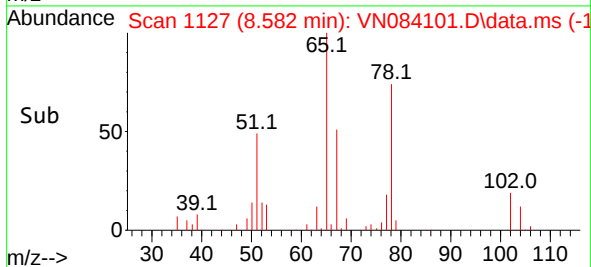
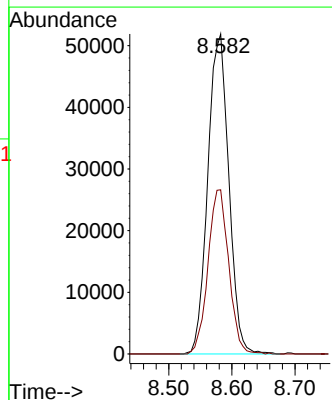
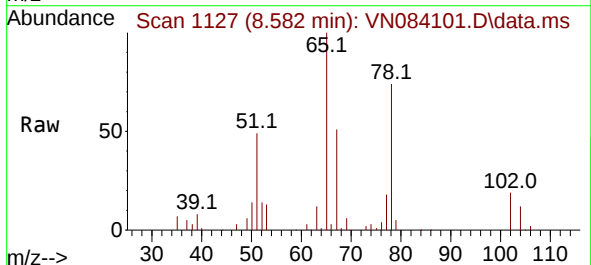
Instrument :
MSVOA_N
ClientSampleId :
GAS-TRANSMISSION-DEBRIS

Tgt Ion: 43 Resp: 12397
Ion Ratio Lower Upper
43 100
72 23.3 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 48.996 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

Tgt Ion: 65 Resp: 119797
Ion Ratio Lower Upper
65 100
67 50.8 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: VN084101.D

Acq: 23 Sep 2024 11:29

Instrument :

MSVOA_N

ClientSampleId :

GAS-TRANSMISSION-DEBRIS

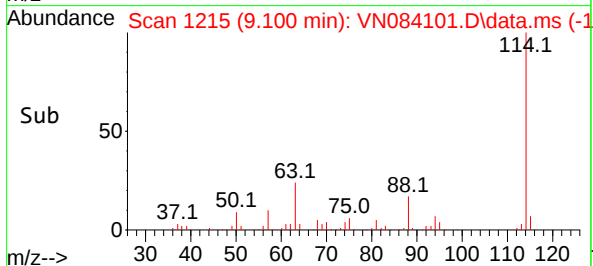
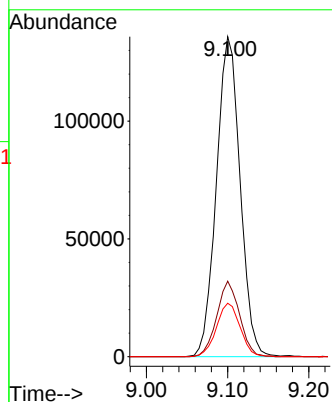
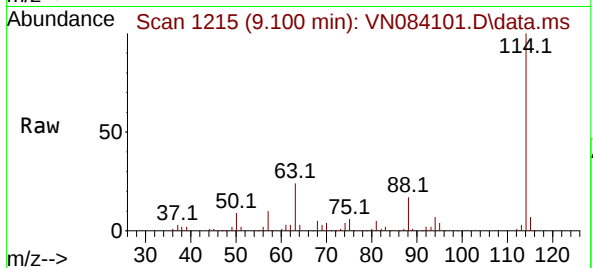
Tgt Ion:114 Resp: 276090

Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.4

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.796 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084101.D

Acq: 23 Sep 2024 11:29

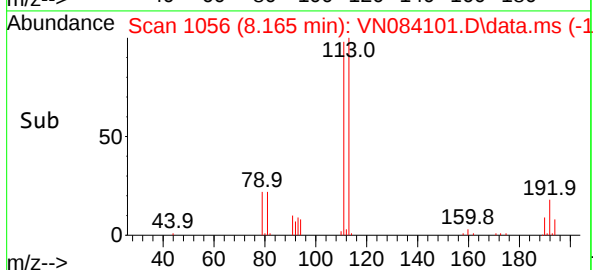
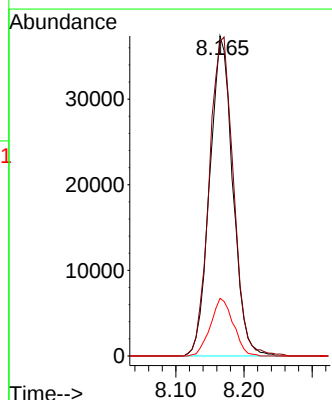
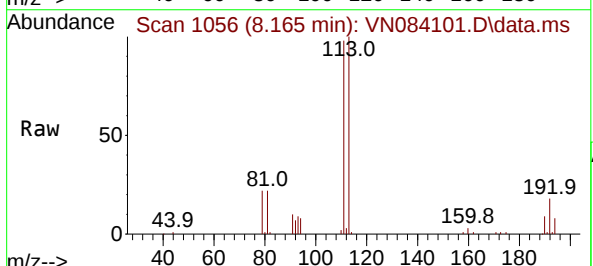
Tgt Ion:113 Resp: 88014

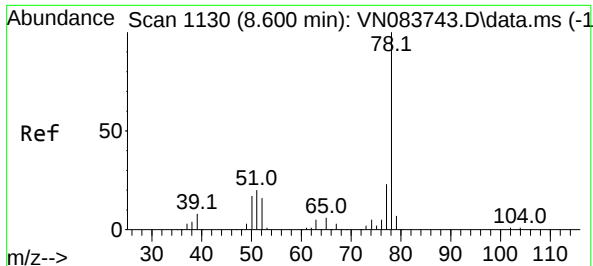
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 17.8 14.3 21.5

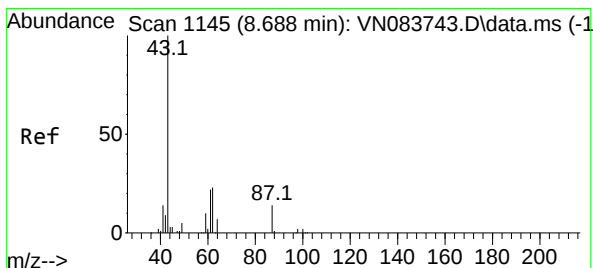
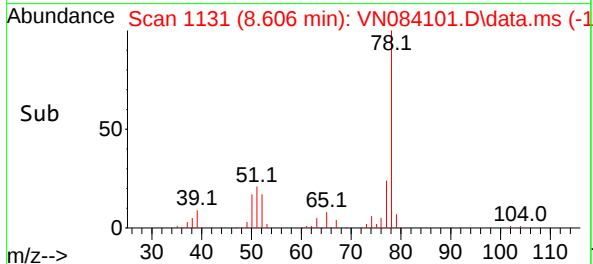
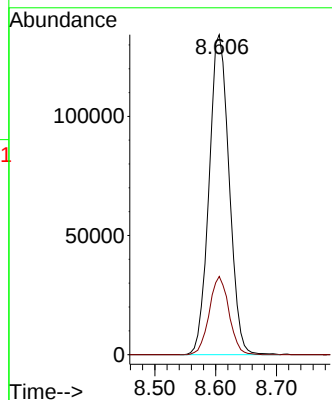
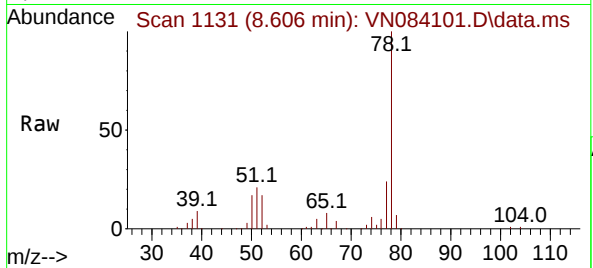




#40
Benzene
Concen: 38.366 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

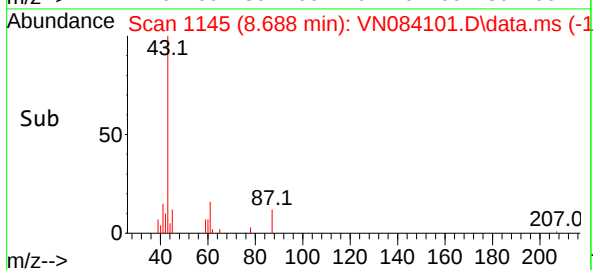
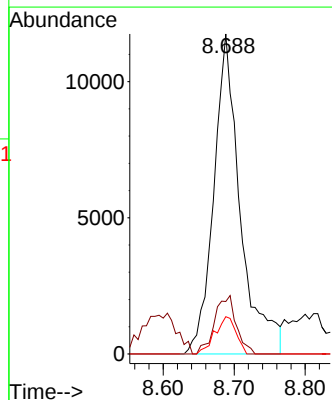
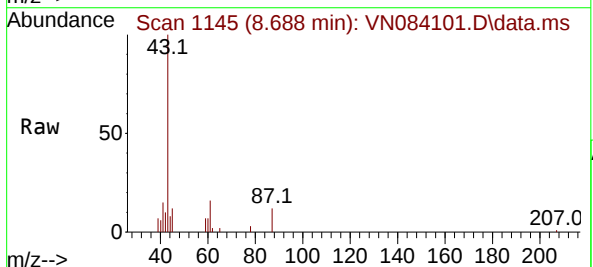
Instrument :
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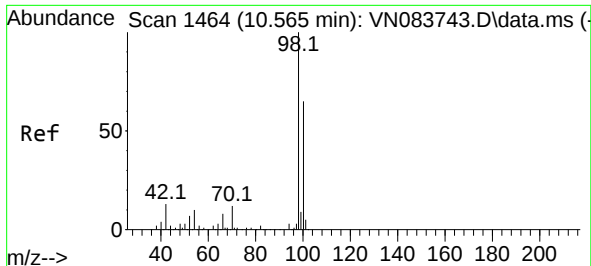
Tgt Ion: 78 Resp: 307208
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6



#43
Isopropyl Acetate
Concen: 6.979 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

Tgt Ion: 43 Resp: 30540
Ion Ratio Lower Upper
43 100
61 14.8 19.4 29.0#
87 9.1 9.8 14.6#

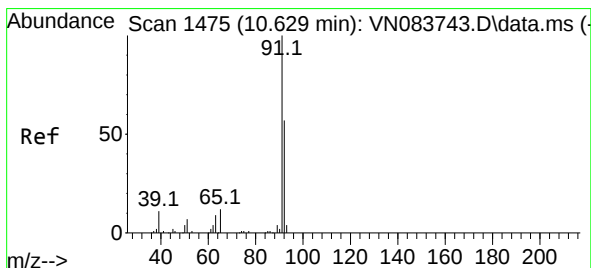
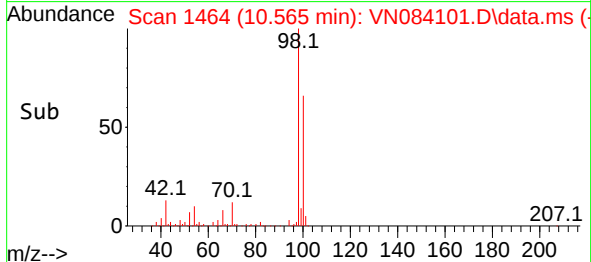
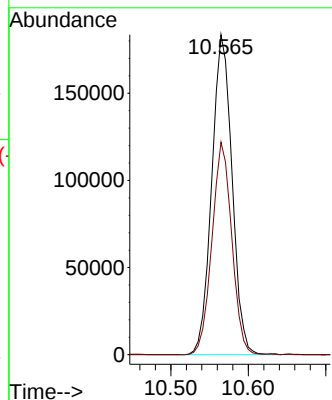
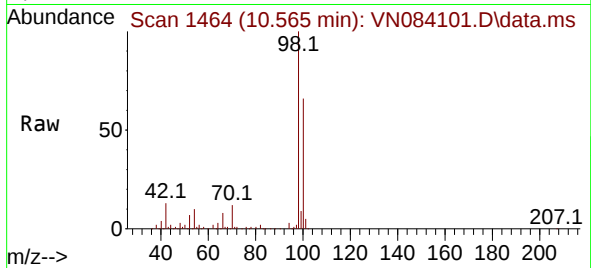




#50
Toluene-d8
Concen: 54.640 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

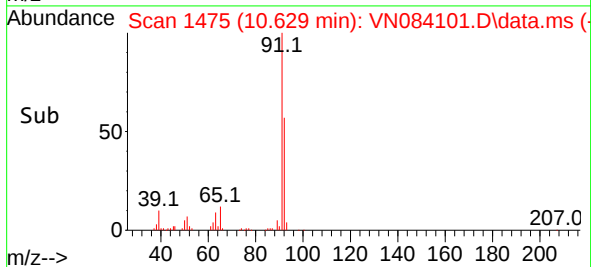
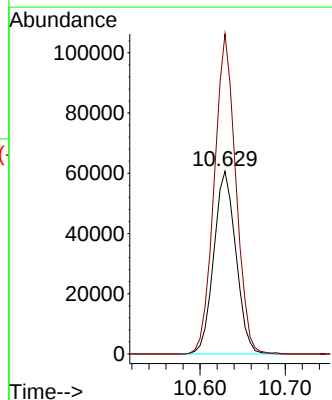
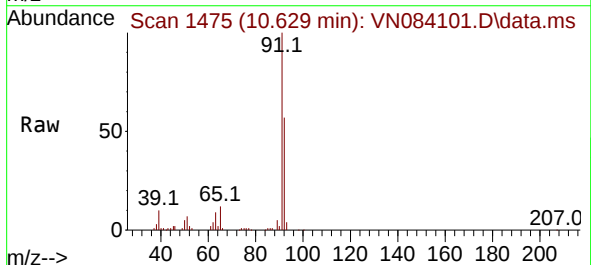
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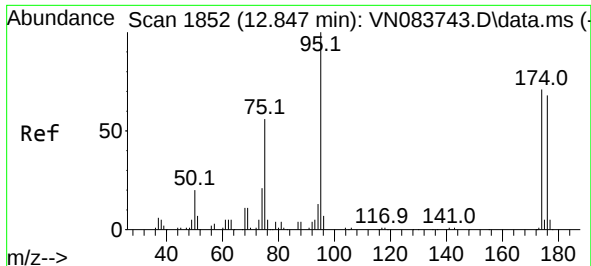
Tgt Ion: 98 Resp: 333869
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#52
Toluene
Concen: 22.275 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

Tgt Ion: 92 Resp: 109098
Ion Ratio Lower Upper
92 100
91 171.2 134.7 202.1

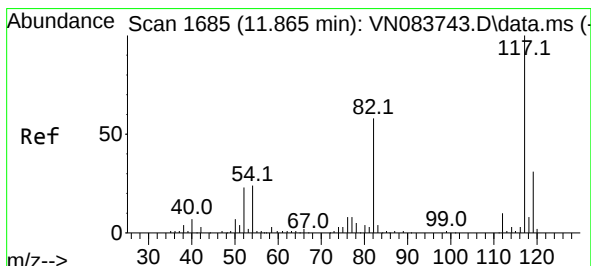
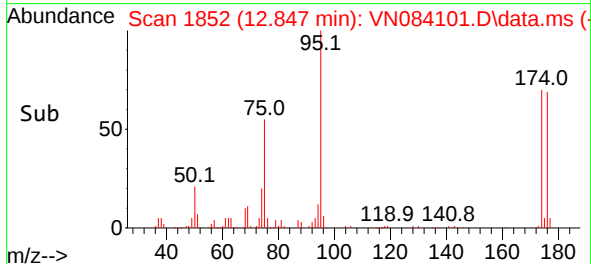
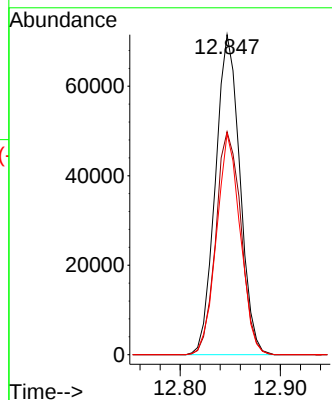
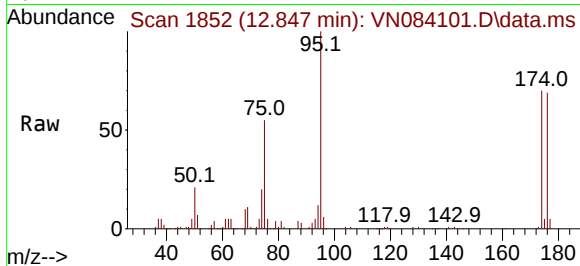




#62
4-Bromofluorobenzene
Concen: 48.104 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

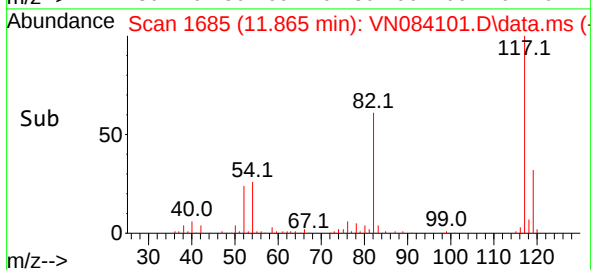
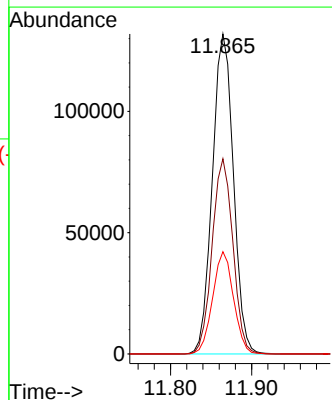
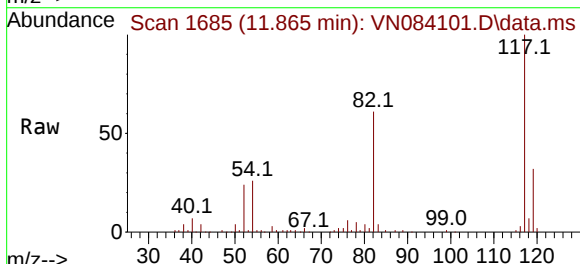
Instrument :
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GAS-TRANSMISSION-DEBRIS

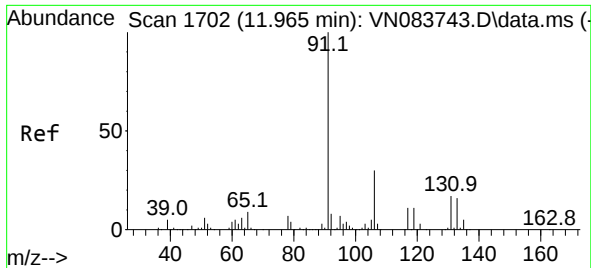
Tgt Ion: 95 Resp: 121269
Ion Ratio Lower Upper
95 100
174 71.4 0.0 139.8
176 67.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

Tgt Ion: 117 Resp: 237748
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.0
119 31.9 26.3 39.5

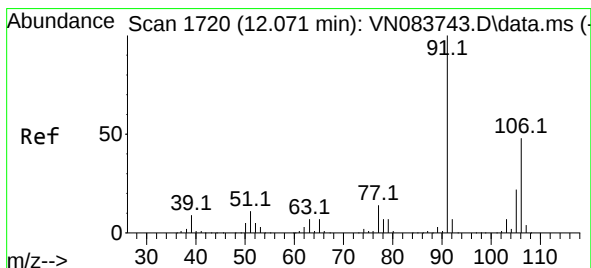
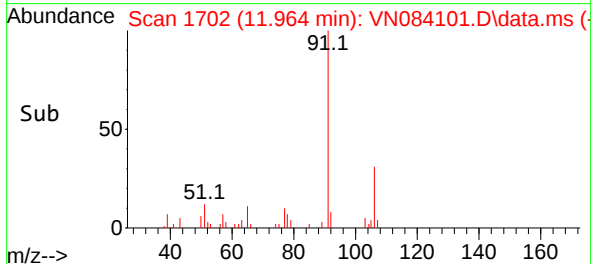
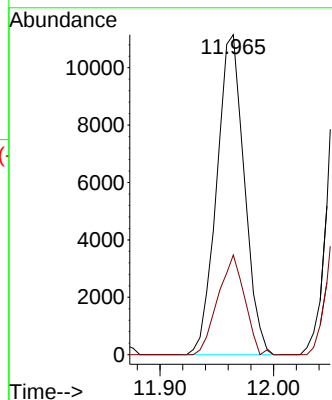
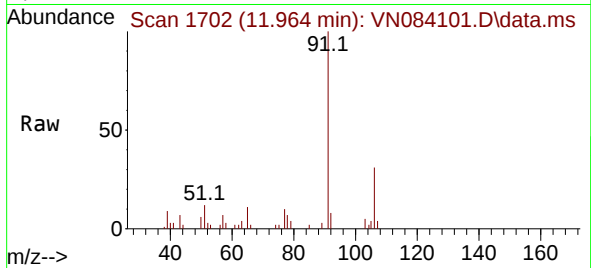




#67
Ethyl Benzene
Concen: 2.007 ug/l
RT: 11.964 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

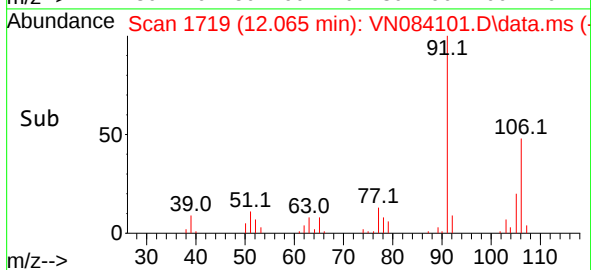
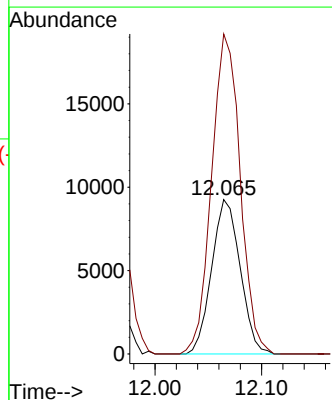
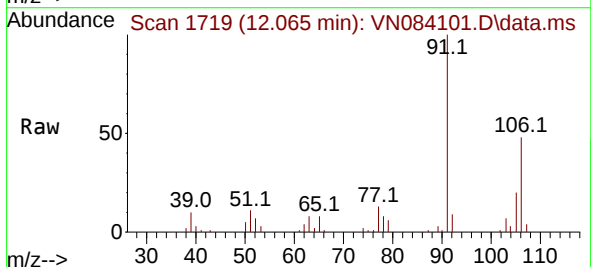
Instrument :
MSVOA_N
ClientSampleId :
GAS-TRANSMISSION-DEBRIS

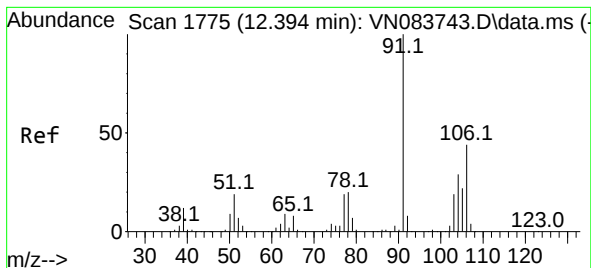
Tgt Ion: 91 Resp: 18841
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5



#68
m/p-Xylenes
Concen: 4.934 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084101.D
Acq: 23 Sep 2024 11:29

Tgt Ion:106 Resp: 17195
Ion Ratio Lower Upper
106 100
91 208.0 169.2 253.8





#69

o-Xylene

Concen: 2.686 ug/l

RT: 12.400 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084101.D

Acq: 23 Sep 2024 11:29

Instrument :

MSVOA_N

ClientSampleId :

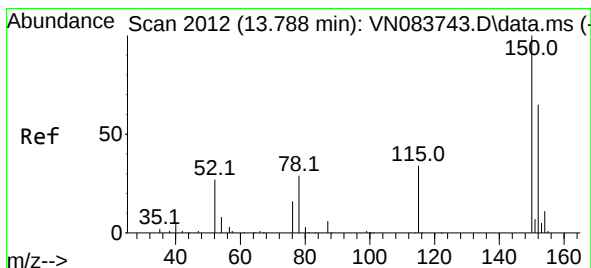
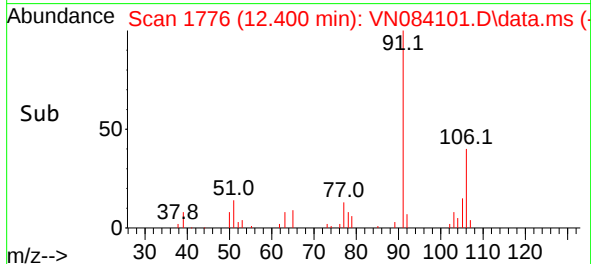
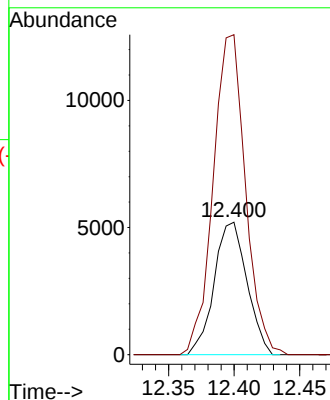
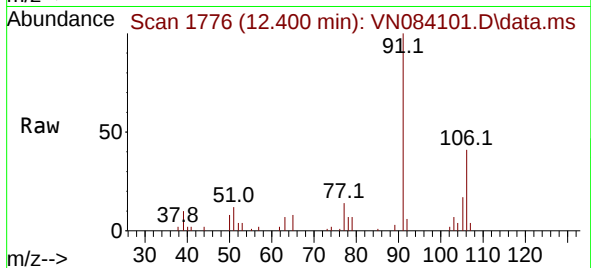
GAS-TRANSMISSION-DEBRIS

Tgt Ion:106 Resp: 9063

Ion Ratio Lower Upper

106 100

91 237.3 112.9 338.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084101.D

Acq: 23 Sep 2024 11:29

Tgt Ion:152 Resp: 98414

Ion Ratio Lower Upper

152 100

115 65.0 32.2 96.6

150 159.2 0.0 348.6

