

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084092.D
 Acq On : 21 Sep 2024 05:47 am
 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)

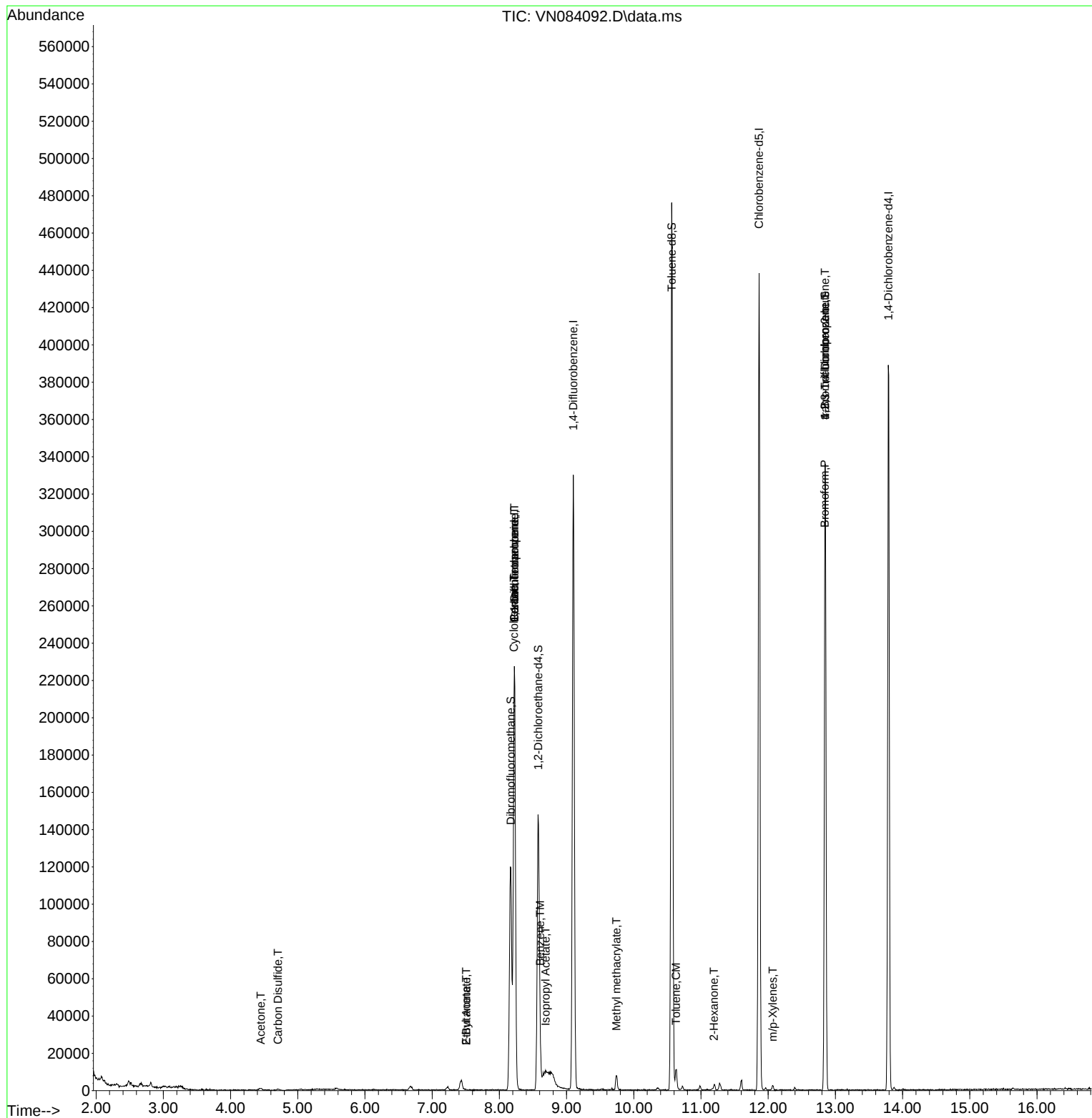
Internal Standards						
1) Pentafluorobenzene	8.224	168	151973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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					Qvalue	
3) Chloromethane	2.359	50	155	Below Cal	#	41
16) Acetone	4.447	43	2437	2.653	ug/l #	45
17) Carbon Disulfide	4.706	76	1233	0.268	ug/l #	75
18) Methyl Acetate	5.030	43	662	Below Cal	#	52
25) 2-Butanone	7.506	43	545	0.451	ug/l #	49
31) Cyclohexane	8.218	56	4705	1.421	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	14740	5.712	ug/l #	50
37) Ethyl Acetate	7.506	43	545	0.233	ug/l #	68
38) Carbon Tetrachloride	8.224	117	18021	6.155	ug/l #	17
40) Benzene	8.606	78	13934	1.794	ug/l	97
43) Isopropyl Acetate	8.688	43	3650	0.860	ug/l #	57
48) Methyl methacrylate	9.741	41	866	0.430	ug/l #	48
52) Toluene	10.629	92	5000	1.052	ug/l	96
59) 2-Hexanone	11.194	43	710	0.415	ug/l #	24
68) m/p-Xylenes	12.070	106	1212	0.361	ug/l #	67
71) Bromoform	12.841	173	615	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65961	33.179	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65961	86.899	ug/l #	9

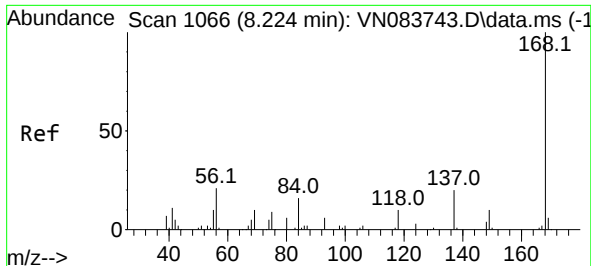
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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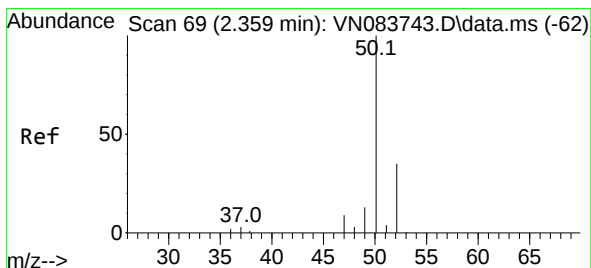
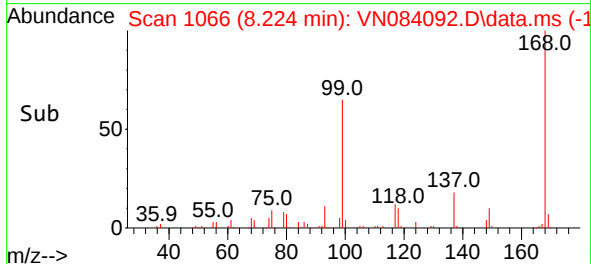
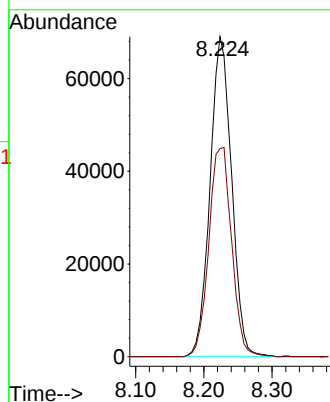
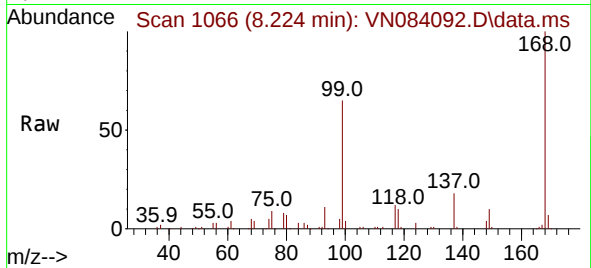




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

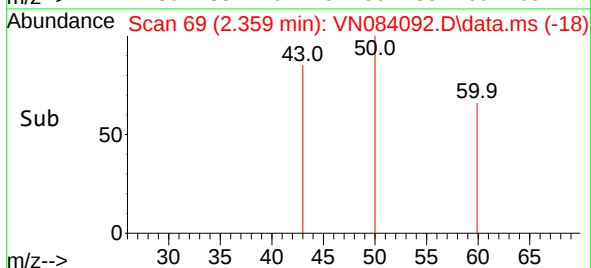
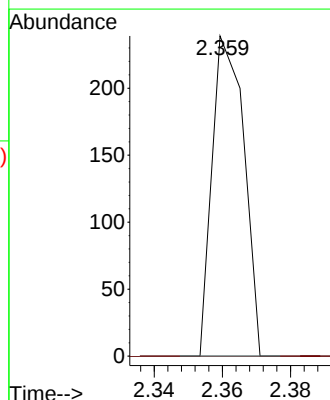
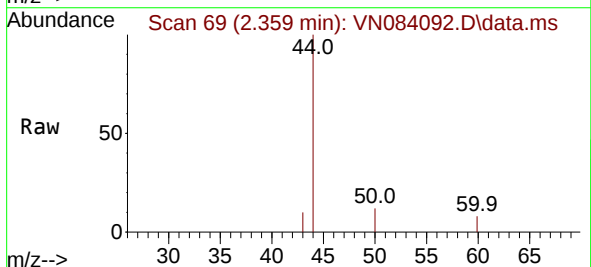
Instrument :
MSVOA_N
ClientSampleId :
GAS-TRANSMISSION-DEBRIS

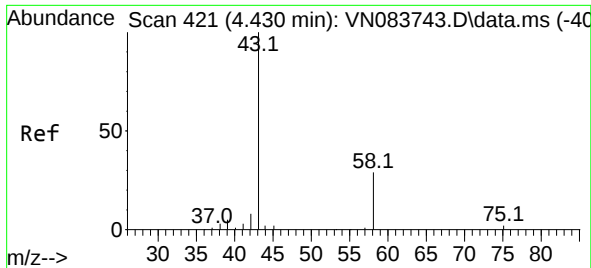
Tgt Ion:168 Resp: 151973
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47 am

Tgt Ion: 50 Resp: 155
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

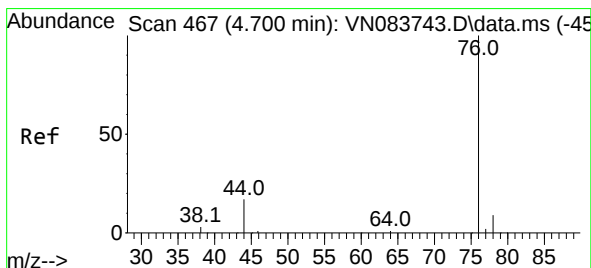
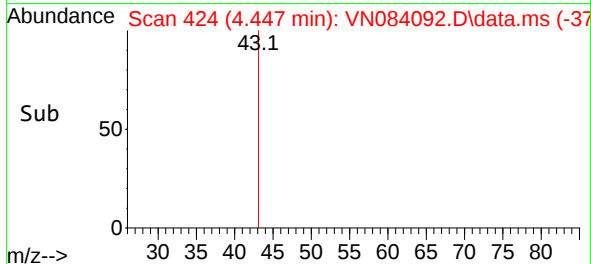
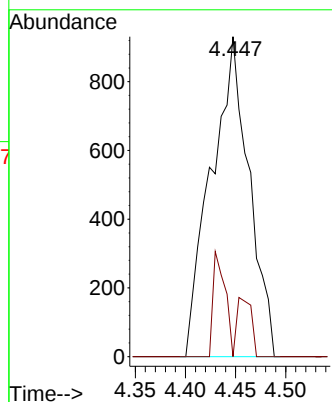
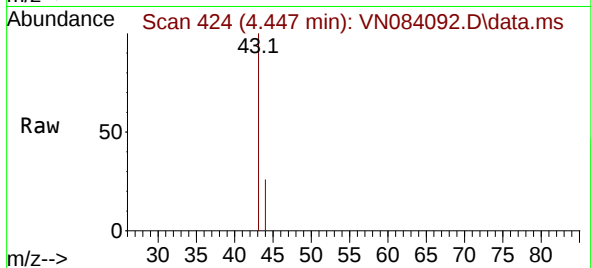




#16
Acetone
Concen: 2.653 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

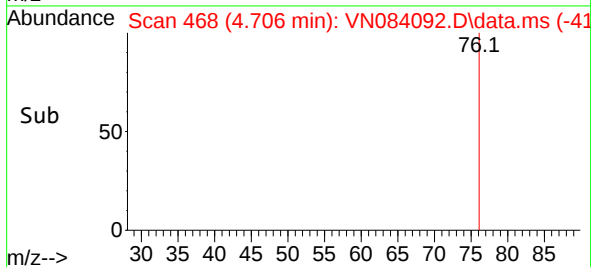
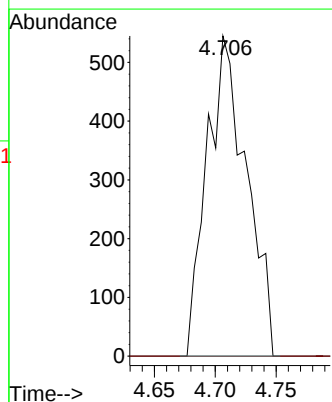
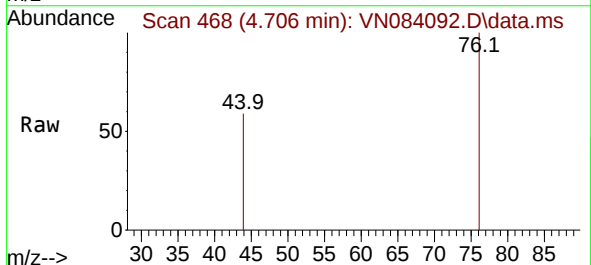
Instrument :
MSVOA_N
ClientSampleId :
GAS-TRANSMISSION-DEBRIS

Tgt Ion: 43 Resp: 2437
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#17
Carbon Disulfide
Concen: 0.268 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47 am

Tgt Ion: 76 Resp: 1233
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.030 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN084092.D

Acq: 21 Sep 2024 05:47

Instrument :

MSVOA_N

ClientSampleId :

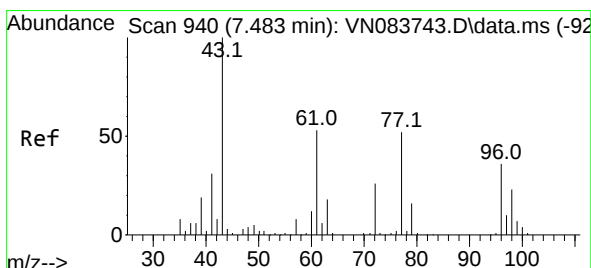
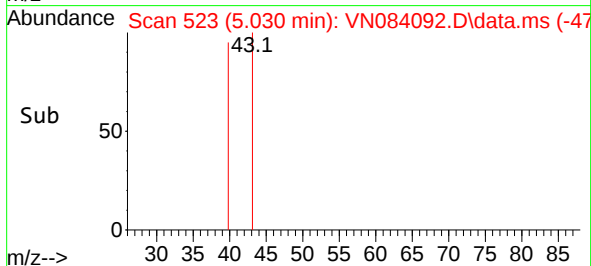
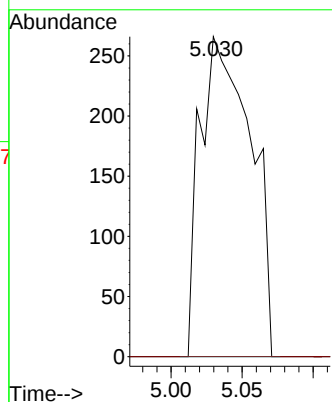
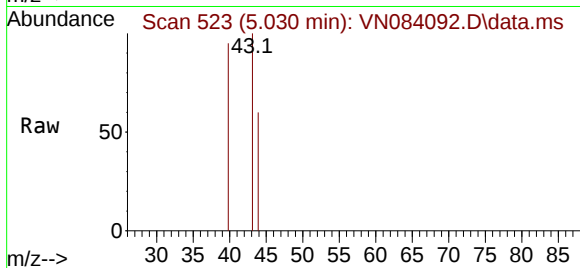
GAS-TRANSMISSION-DEBRIS

Tgt Ion: 43 Resp: 662

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#25

2-Butanone

Concen: 0.451 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.023 min

Lab File: VN084092.D

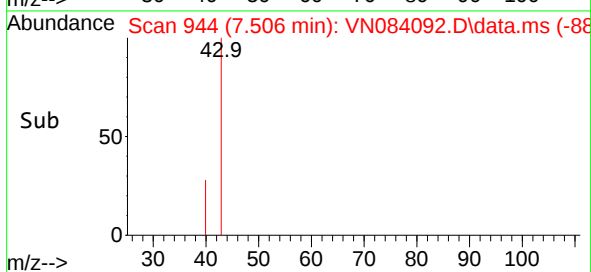
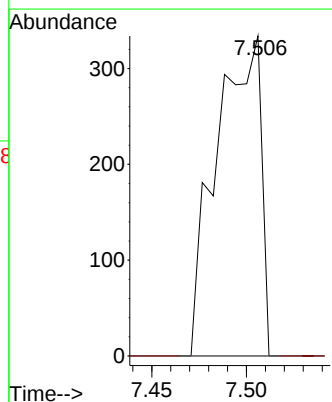
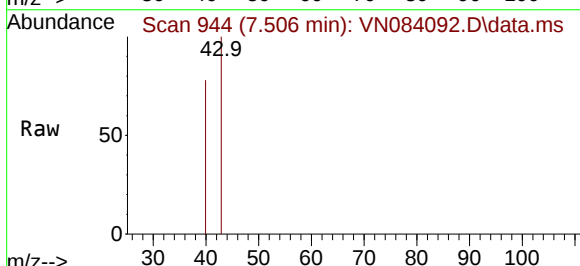
Acq: 21 Sep 2024 05:47 am

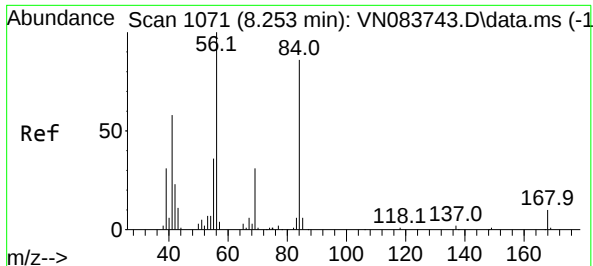
Tgt Ion: 43 Resp: 545

Ion Ratio Lower Upper

43 100

72 0.0 20.8 31.2#

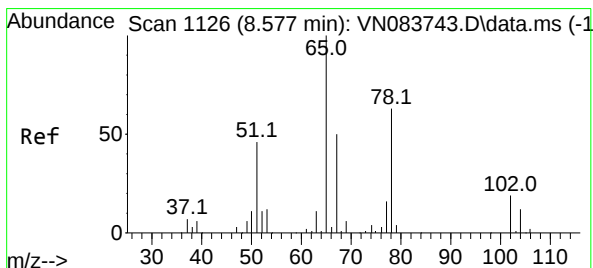
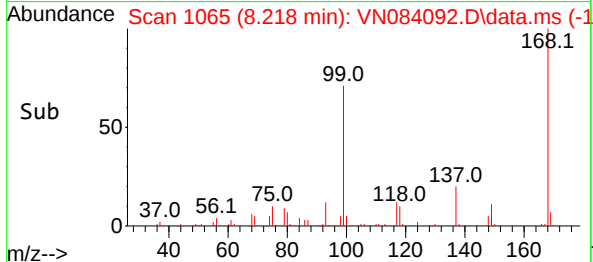
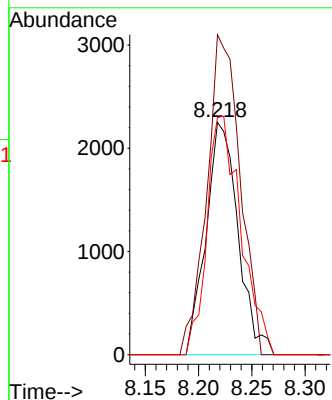
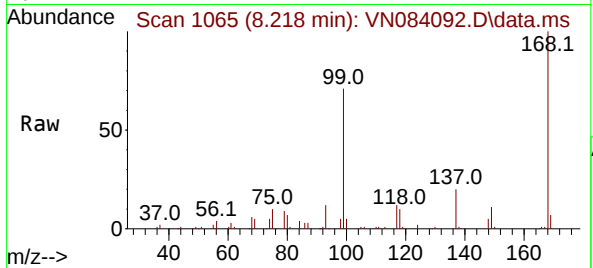




#31
Cyclohexane
Concen: 1.421 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

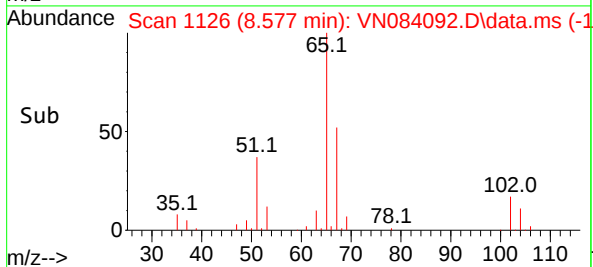
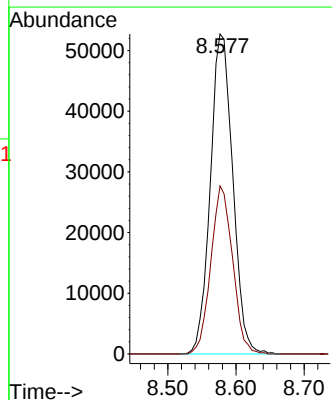
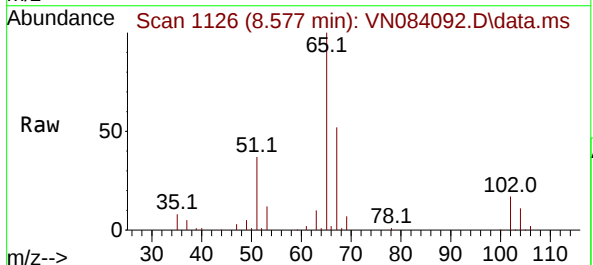
Instrument :
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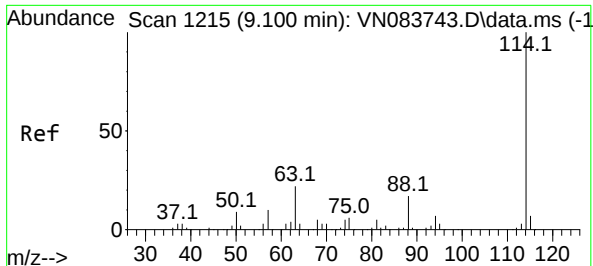
Tgt Ion: 56 Resp: 4705
Ion Ratio Lower Upper
56 100
69 137.7 26.9 40.3#
84 102.0 69.2 103.8



#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 am

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

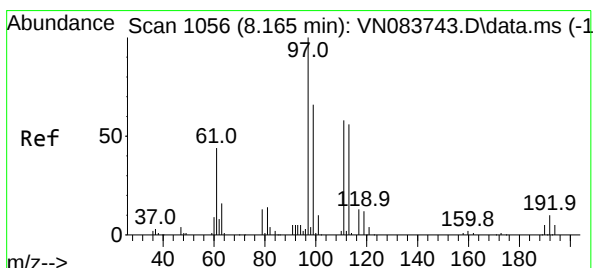
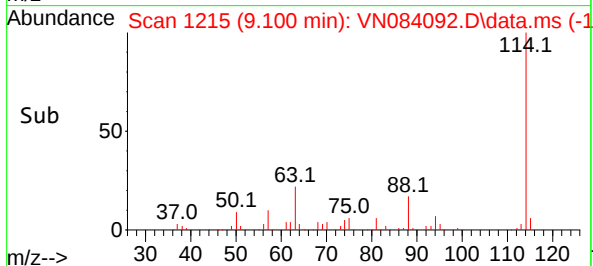
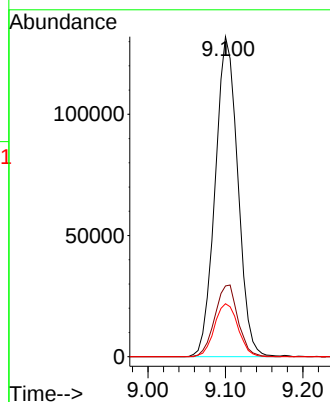
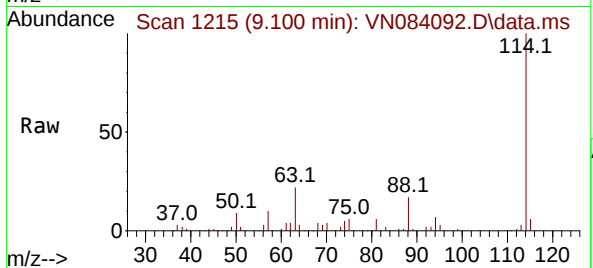
Tgt Ion:114 Resp: 267817

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 am

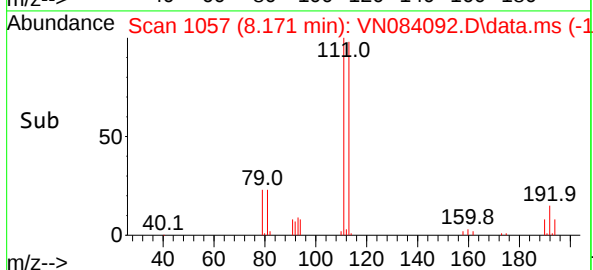
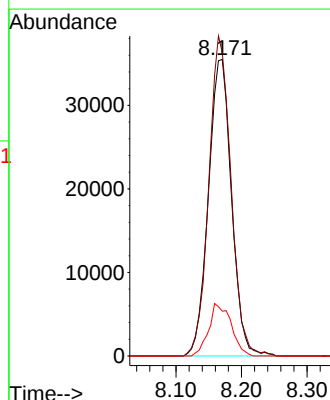
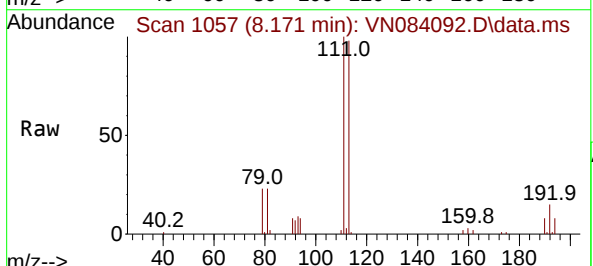
Tgt Ion:113 Resp: 86815

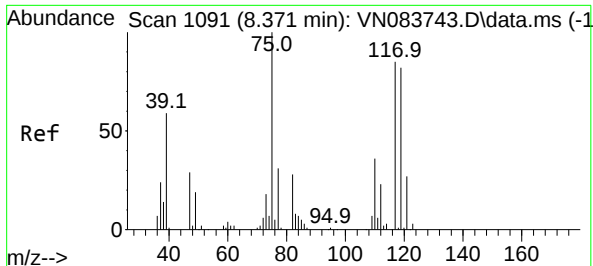
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 17.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.712 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084092.D

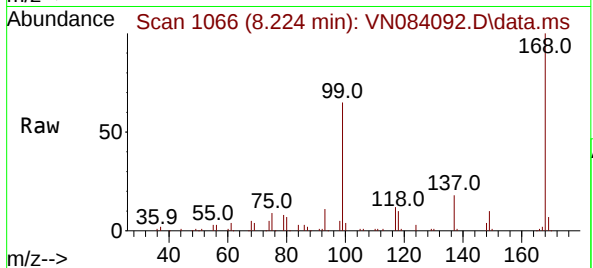
Acq: 21 Sep 2024 05:47

Instrument :

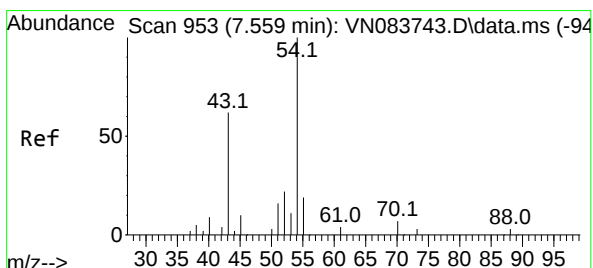
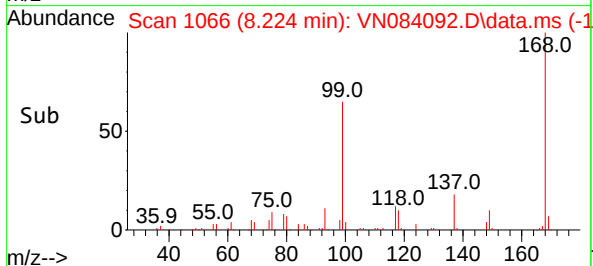
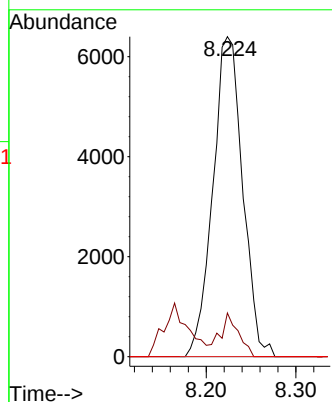
MSVOA_N

ClientSampleId :

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Tgt Ion:	75	Resp:	14740
Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.7	50.1#
77	0.0	25.2	37.8#



#37

Ethyl Acetate

Concen: 0.233 ug/l

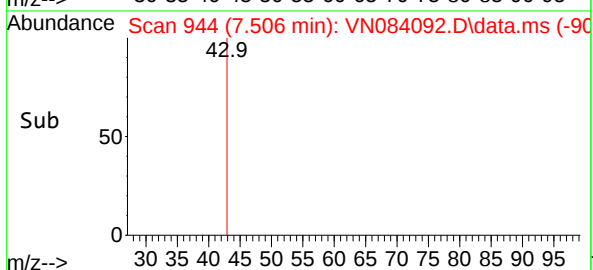
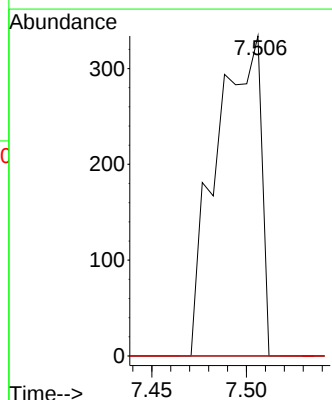
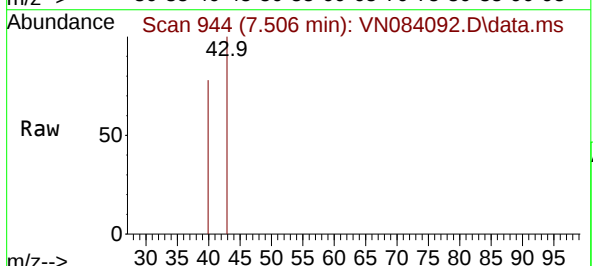
RT: 7.506 min Scan# 944

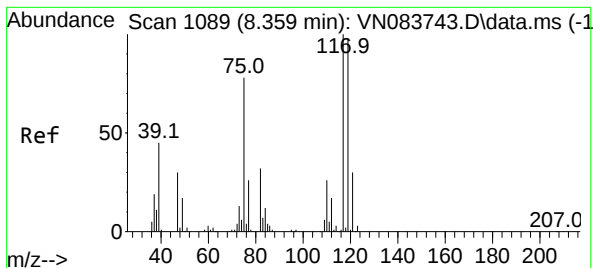
Delta R.T. -0.053 min

Lab File: VN084092.D

Acq: 21 Sep 2024 05:47 am

Tgt Ion:	43	Resp:	545
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.8	13.2#





#38

Carbon Tetrachloride

Concen: 6.155 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.135 min

Lab File: VN084092.D

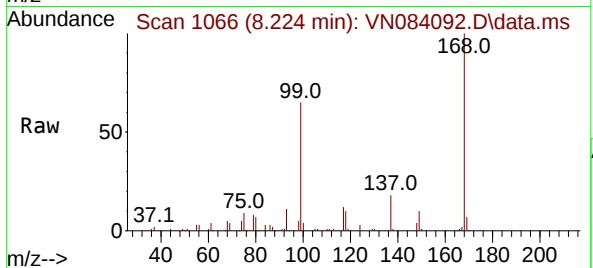
Acq: 21 Sep 2024 05:47

Instrument :

MSVOA_N

ClientSampleId :

GAS-TRANSMISSION-DEBRIS



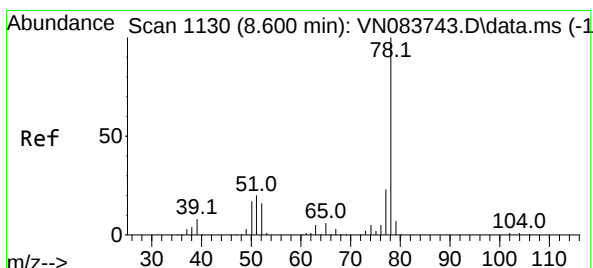
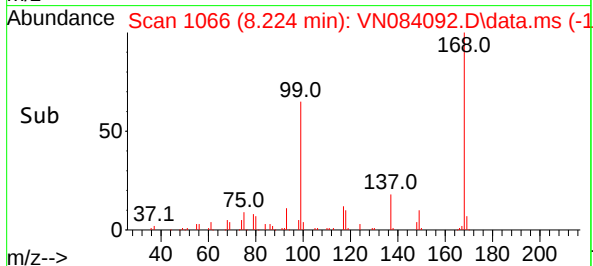
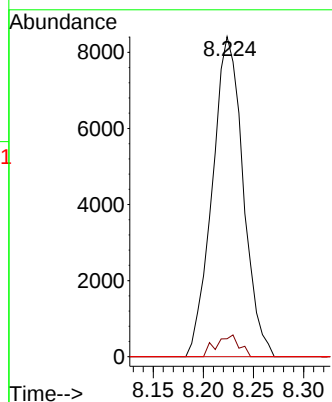
Tgt Ion:117 Resp: 18021

Ion Ratio Lower Upper

117 100

119 5.6 76.1 114.1#

121 0.0 24.1 36.1#



#40

Benzene

Concen: 1.794 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084092.D

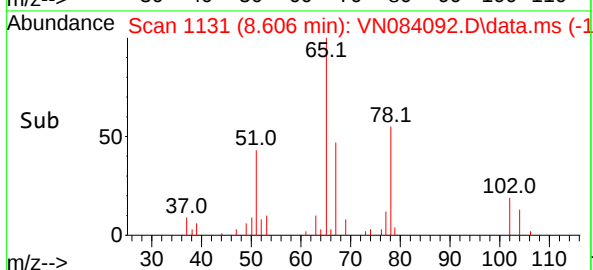
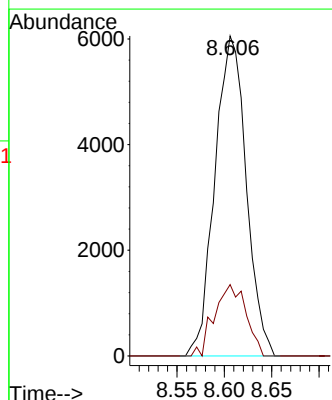
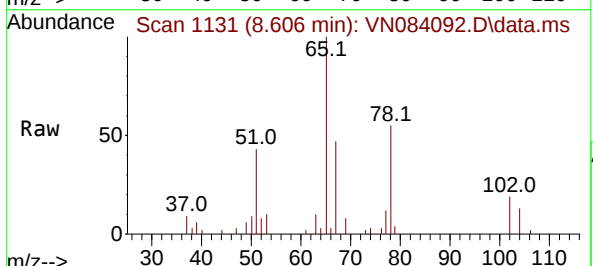
Acq: 21 Sep 2024 05:47 am

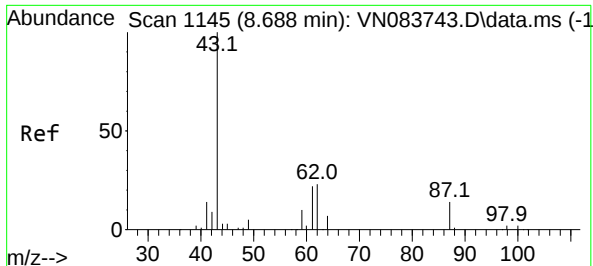
Tgt Ion: 78 Resp: 13934

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6

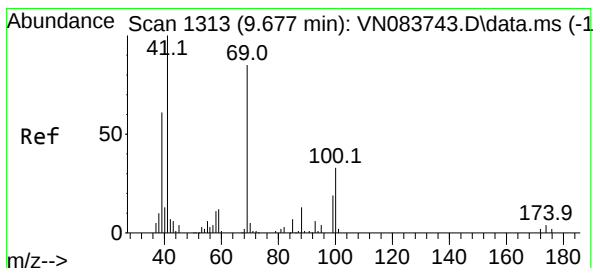
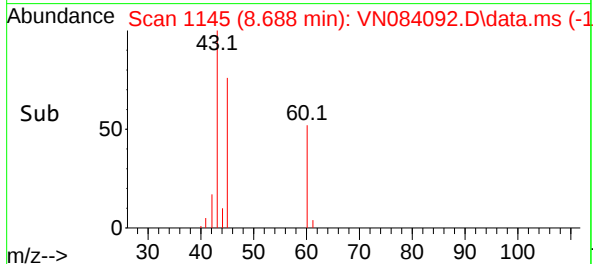
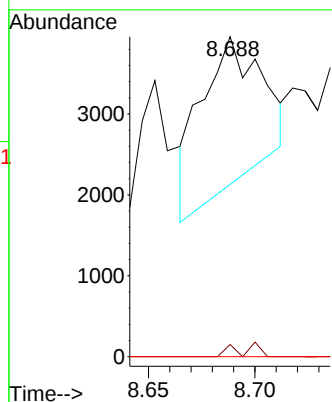
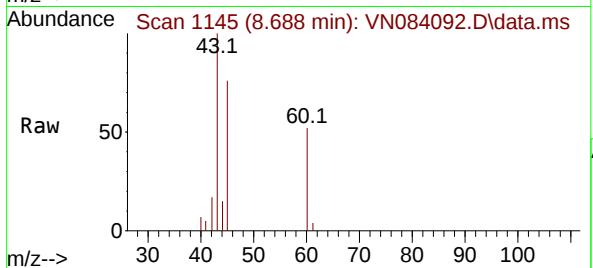




#43
Isopropyl Acetate
Concen: 0.860 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

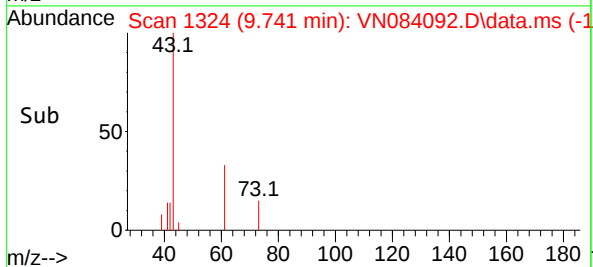
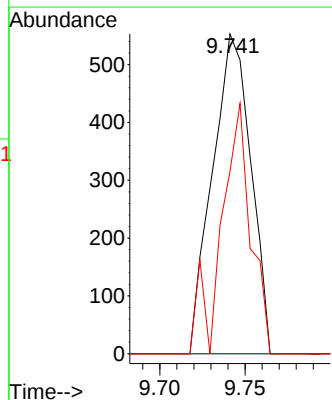
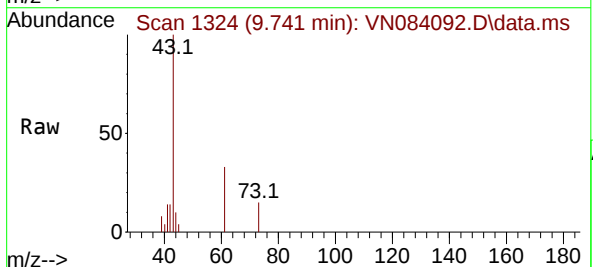
Instrument :
MSVOA_N
ClientSampleId :
GAS-TRANSMISSION-DEBRIS

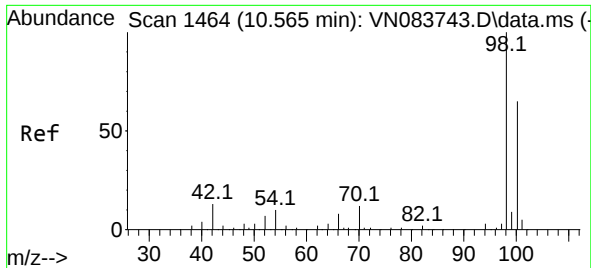
Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#48
Methyl methacrylate
Concen: 0.430 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.065 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47 am

Tgt Ion: 41 Resp: 866
Ion Ratio Lower Upper
41 100
69 0.0 64.3 96.5#
39 60.2 48.9 73.3

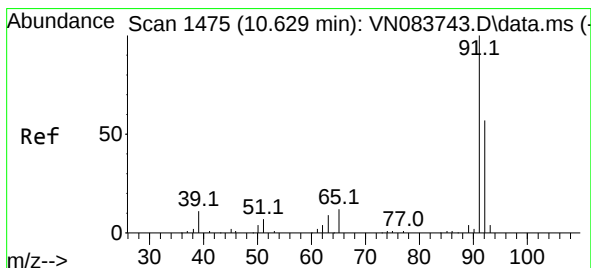
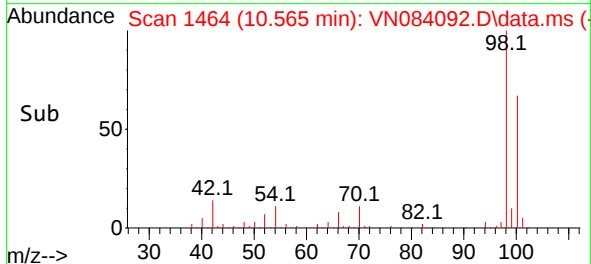
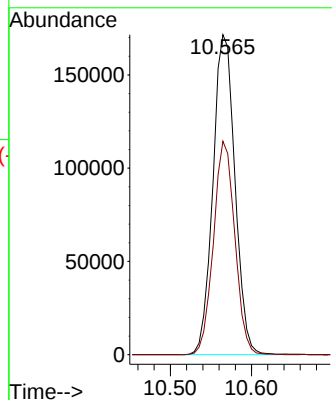
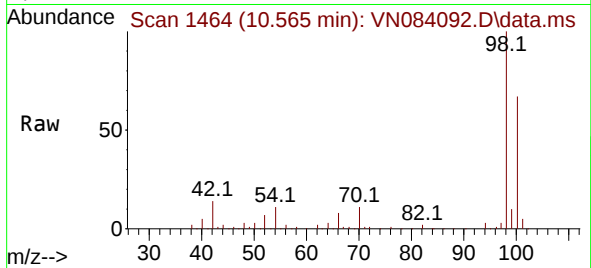




#50
Toluene-d8
Concen: 54.547 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

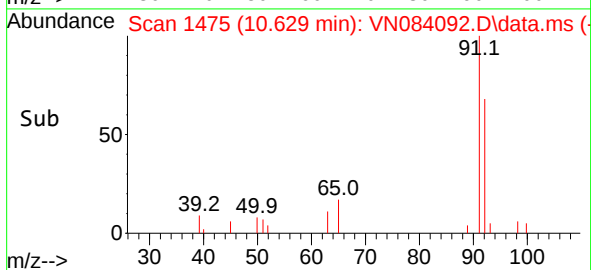
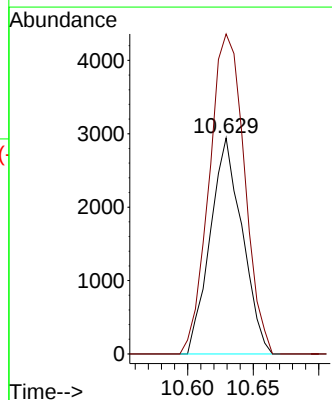
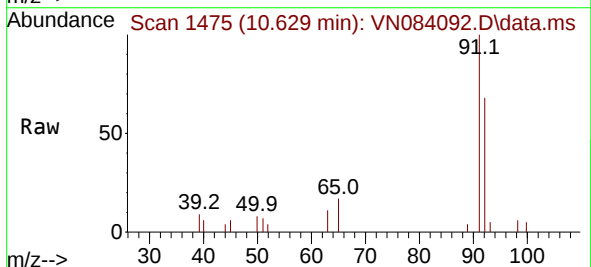
Instrument :
MSVOA_N
ClientSampleId :
GAS-TRANSMISSION-DEBRIS

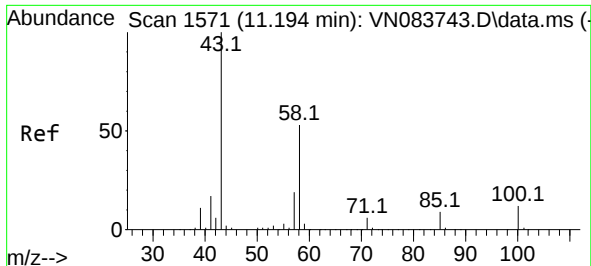
Tgt Ion: 98 Resp: 323314
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#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 am

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

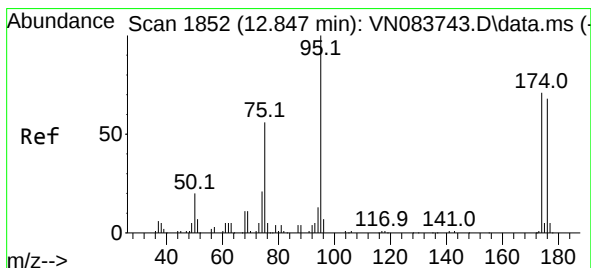
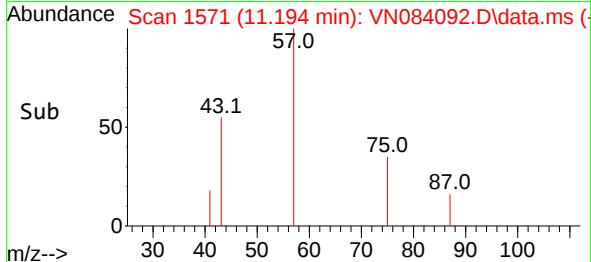
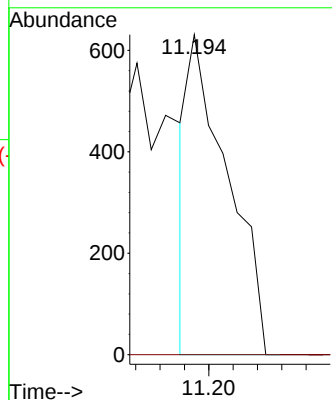
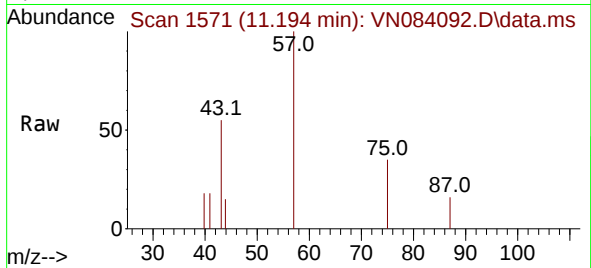




#59
2-Hexanone
Concen: 0.415 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

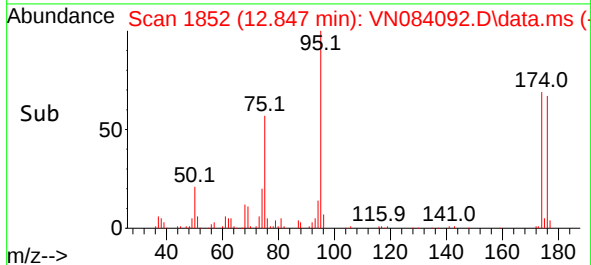
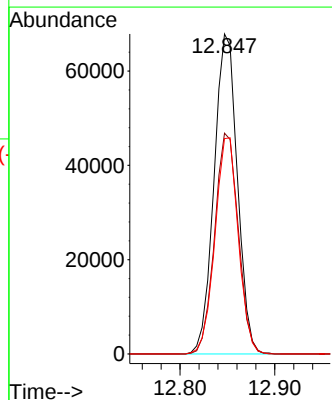
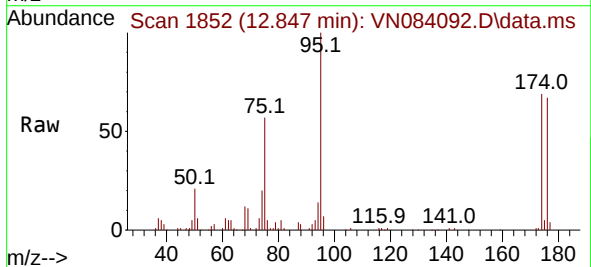
Instrument :
MSVOA_N
ClientSampleId :
GAS-TRANSMISSION-DEBRIS

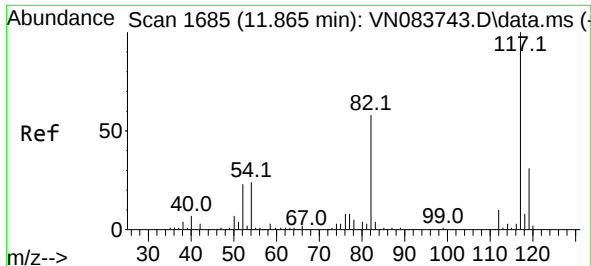
Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 0.0 27.2 81.5#



#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 am

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

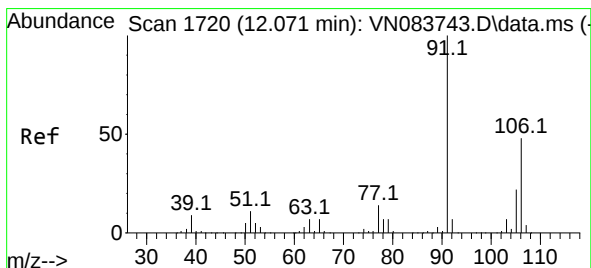
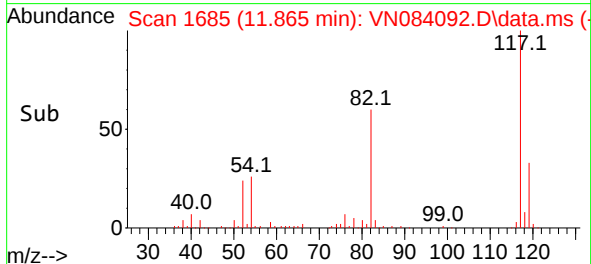
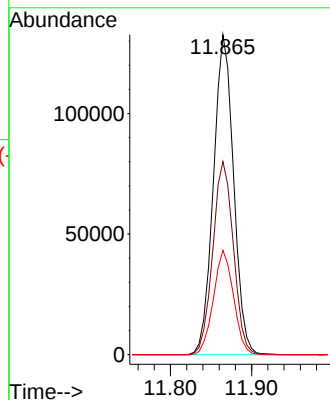
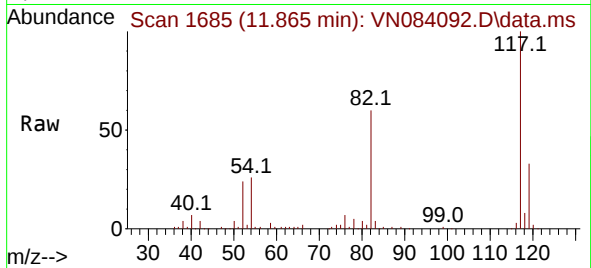




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47

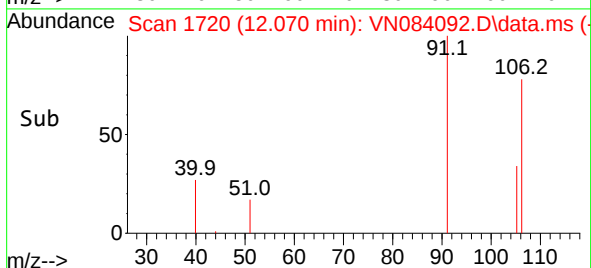
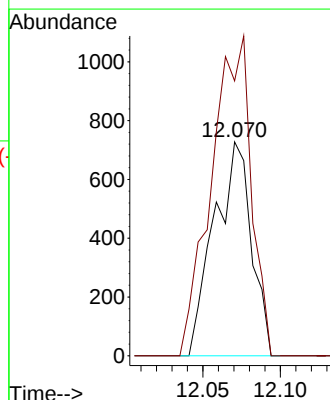
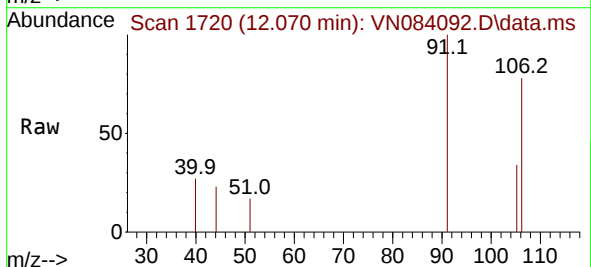
Instrument :
MSVOA_N
ClientSampleId :
GAS-TRANSMISSION-DEBRIS

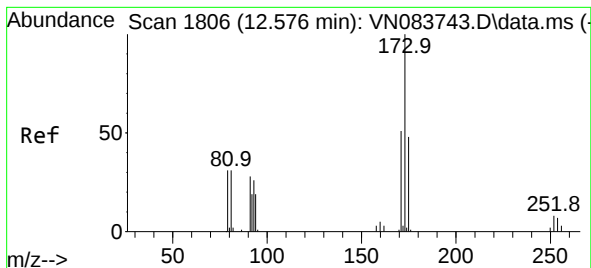
Tgt Ion:117 Resp: 229260
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.0
119 32.7 26.3 39.5



#68
m/p-Xylenes
Concen: 0.361 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084092.D
Acq: 21 Sep 2024 05:47 am

Tgt Ion:106 Resp: 1212
Ion Ratio Lower Upper
106 100
91 160.2 169.2 253.8#





#71

Bromoform

Concen: 0.517 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN084092.D

Acq: 21 Sep 2024 05:47

Instrument :

MSVOA_N

ClientSampleId :

GAS-TRANSMISSION-DEBRIS

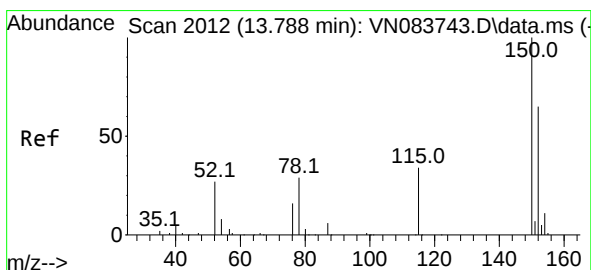
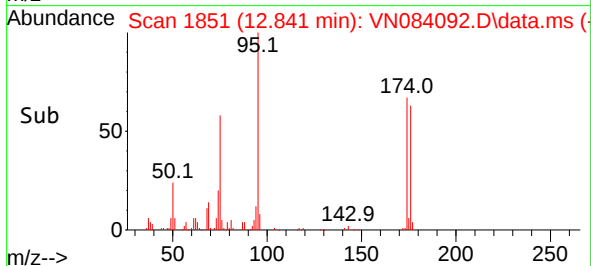
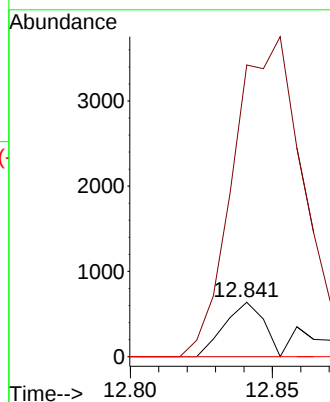
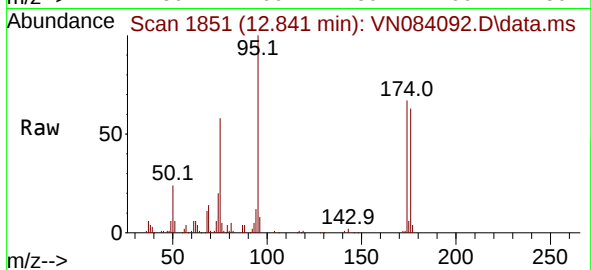
Tgt Ion:173 Resp: 615

Ion Ratio Lower Upper

173 100

175 552.2 24.1 72.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN084092.D

Acq: 21 Sep 2024 05:47 am

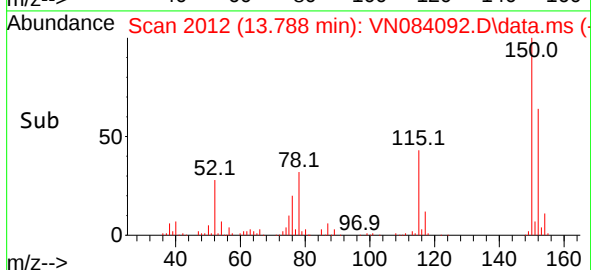
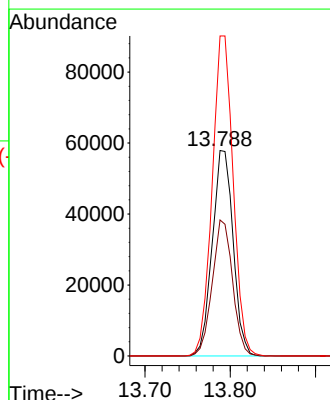
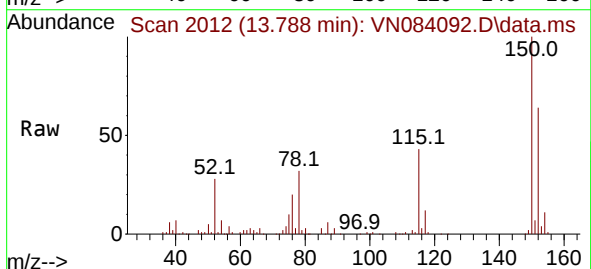
Tgt Ion:152 Resp: 98524

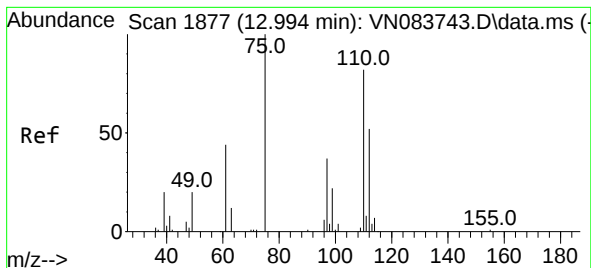
Ion Ratio Lower Upper

152 100

115 64.3 32.2 96.6

150 156.1 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 33.179 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084092.D

Acq: 21 Sep 2024 05:47

Instrument :

MSVOA_N

ClientSampleId :

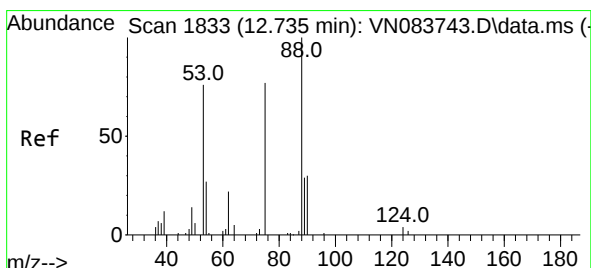
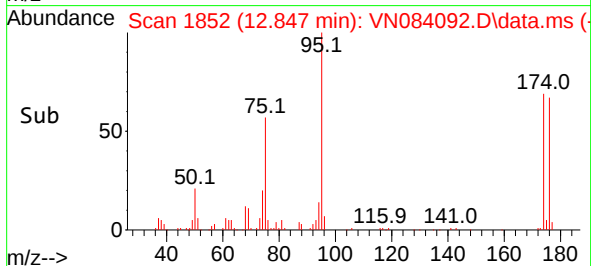
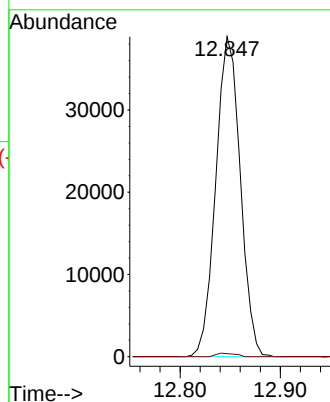
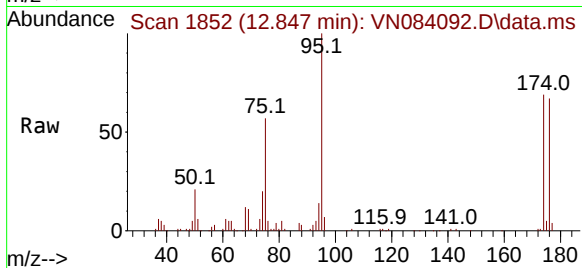
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Tgt Ion: 75 Resp: 65961

Ion Ratio Lower Upper

75 100

77 0.8 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.899 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084092.D

Acq: 21 Sep 2024 05:47 am

Tgt Ion: 75 Resp: 65961

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

