

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081041.D
 Acq On : 15 Feb 2024 15:55
 Operator : JC\MD
 Sample : P1460-02
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MET-OILY-DEBRIS

Quant Time: Feb 15 16:12:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

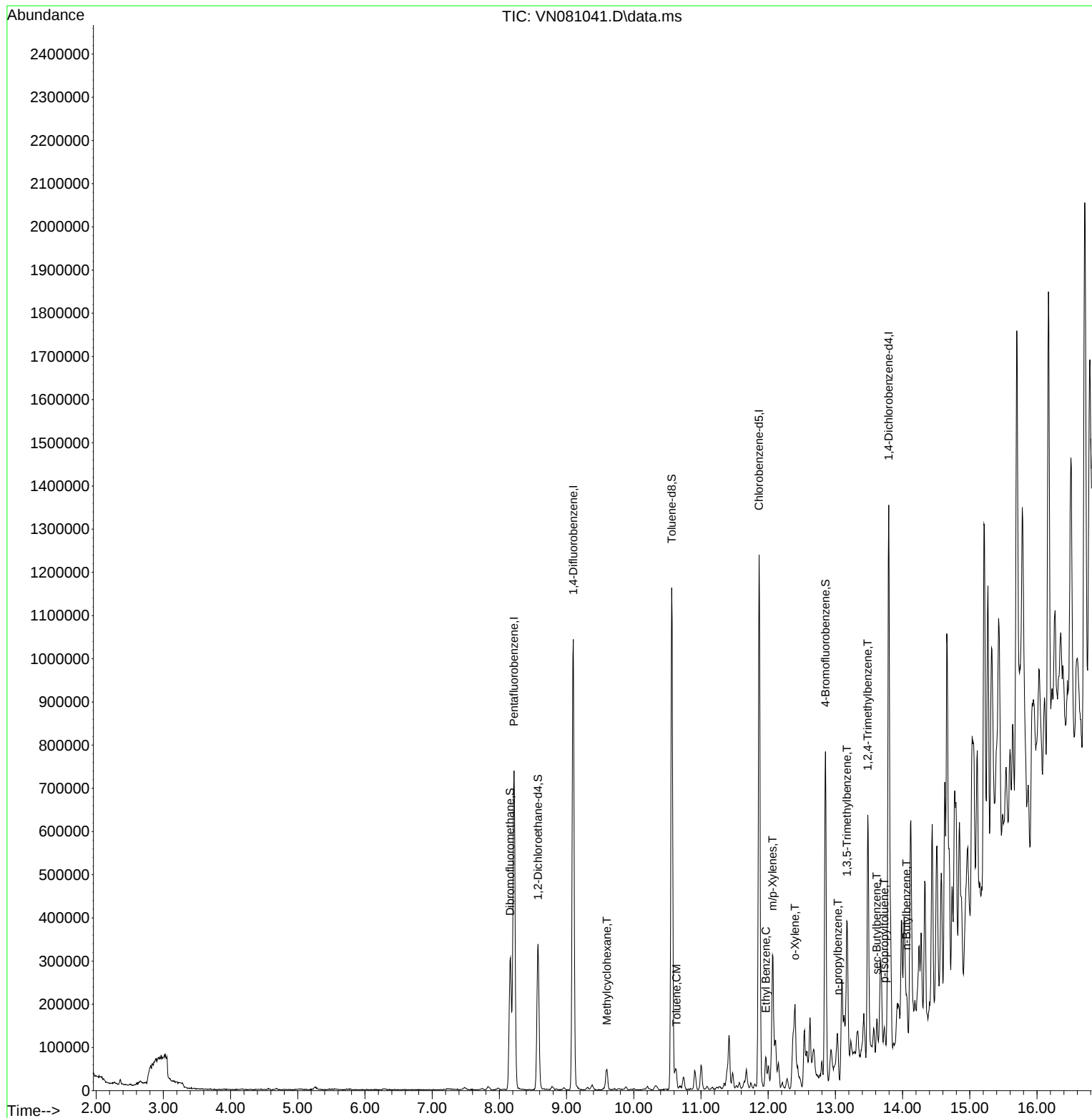
Internal Standards						
1) Pentafluorobenzene	8.218	168	543216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	923493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	716564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	335813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	269860	40.388	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.780%
35) Dibromofluoromethane	8.159	113	219500	41.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.920%
50) Toluene-d8	10.565	98	776872	41.603	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	83.200%#
62) 4-Bromofluorobenzene	12.853	95	262618	41.351	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.700%#
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	20645m	1.899	ug/l	
52) Toluene	10.635	92	19262m	1.180	ug/l	
67) Ethyl Benzene	11.965	91	38561	1.361	ug/l	100
68) m/p-Xylenes	12.065	106	75739	7.250	ug/l	100
69) o-Xylene	12.400	106	35627	3.516	ug/l	99
78) n-propylbenzene	13.035	91	44969	1.161	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	120015	4.559	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	328223	12.941	ug/l	96
85) sec-Butylbenzene	13.618	105	32895	1.064	ug/l #	71
86) p-Isopropyltoluene	13.729	119	32931	1.324	ug/l	92
89) n-Butylbenzene	14.059	91	45629	2.004	ug/l #	76

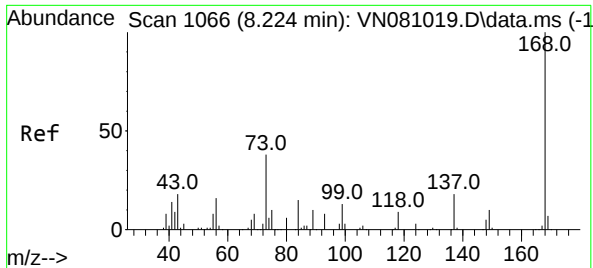
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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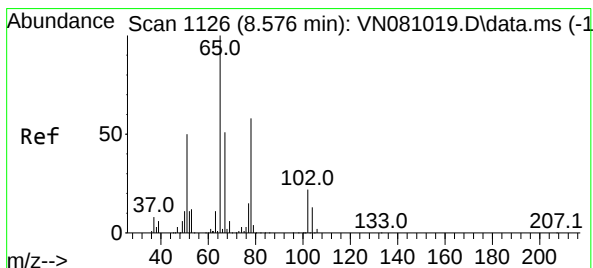
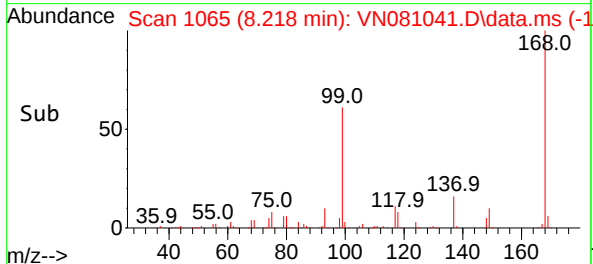
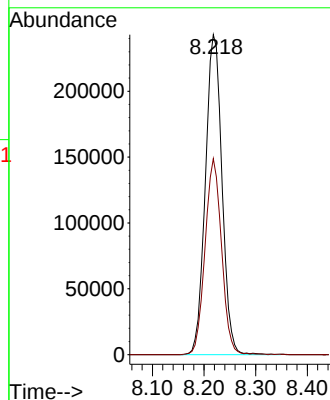
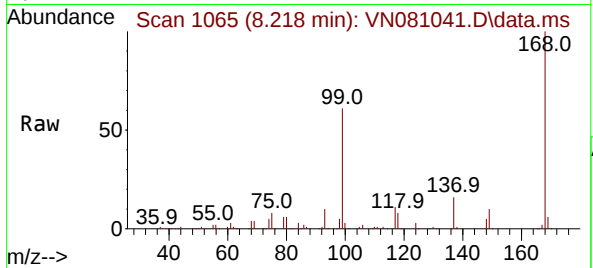




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN081041.D
Acq: 15 Feb 2024 15:55

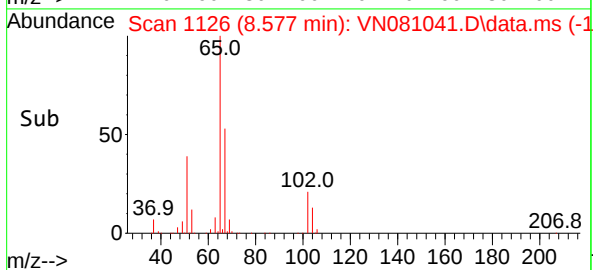
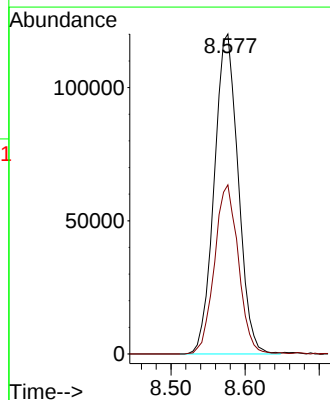
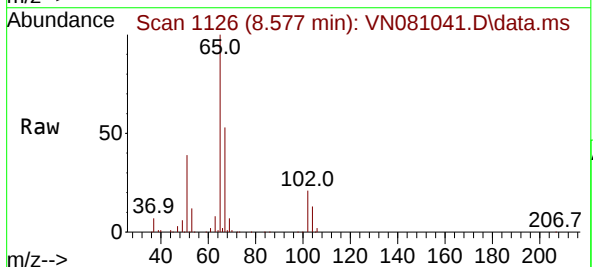
Instrument :
MSVOA_N
ClientSampleId :
MET-OILY-DEBRIS

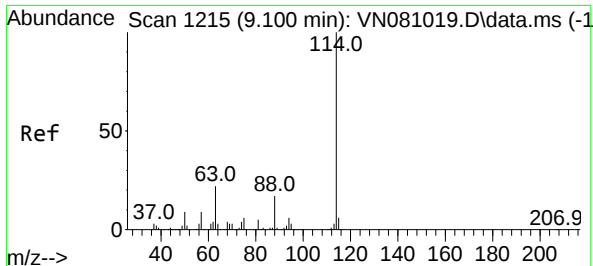
Tgt Ion:168 Resp: 543216
Ion Ratio Lower Upper
168 100
99 61.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 40.388 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081041.D
Acq: 15 Feb 2024 15:55

Tgt Ion: 65 Resp: 269860
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081041.D

Acq: 15 Feb 2024 15:55

Instrument :

MSVOA_N

ClientSampleId :

MET-OILY-DEBRIS

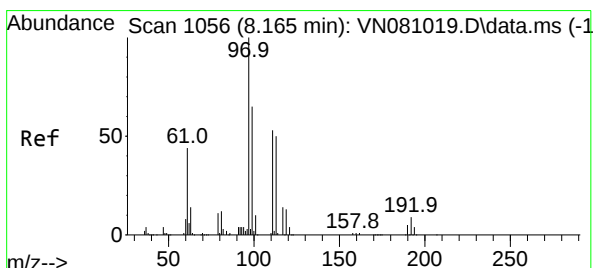
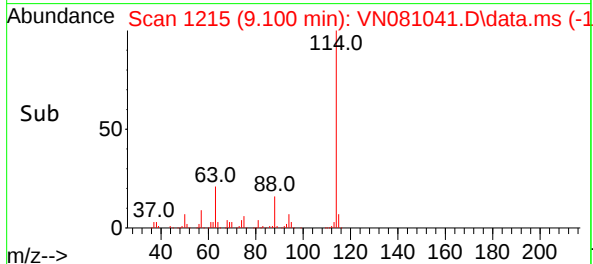
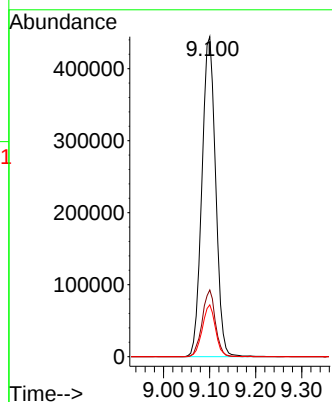
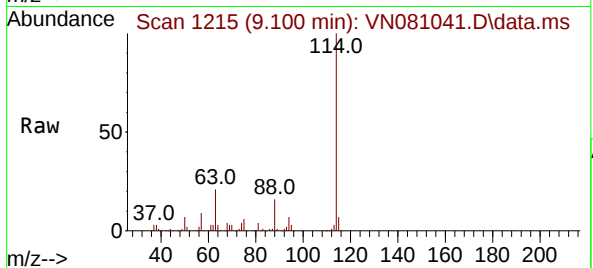
Tgt Ion:114 Resp: 923493

Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 16.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 41.455 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN081041.D

Acq: 15 Feb 2024 15:55

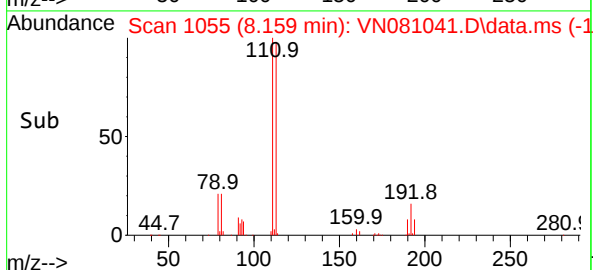
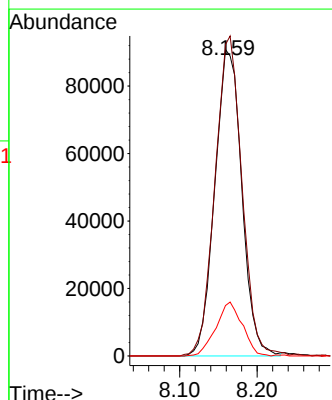
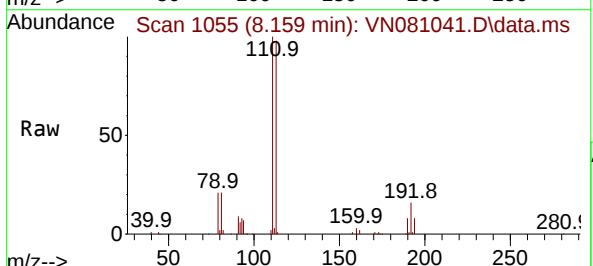
Tgt Ion:113 Resp: 219500

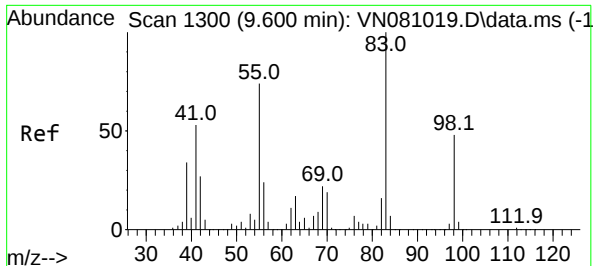
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

192 17.3 12.5 18.7





#39

Methylcyclohexane

Concen: 1.899 ug/l m

RT: 9.600 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081041.D

Acq: 15 Feb 2024 15:55

Instrument :

MSVOA_N

ClientSampleId :

MET-OILY-DEBRIS

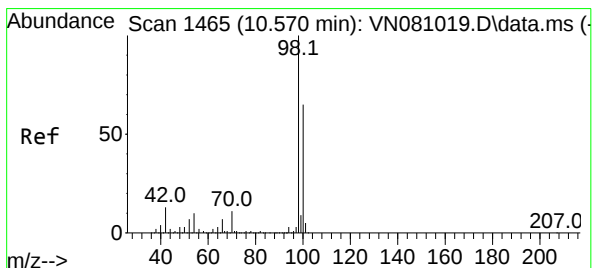
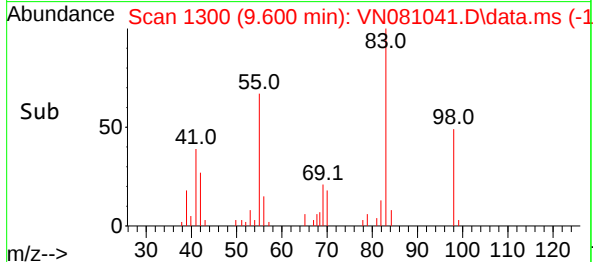
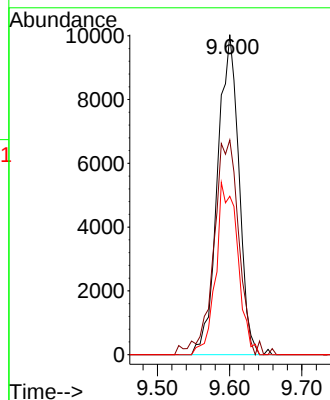
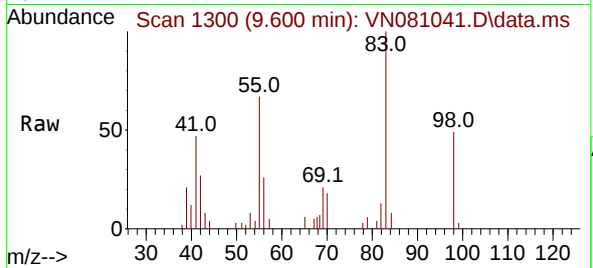
Tgt Ion: 83 Resp: 20645

Ion Ratio Lower Upper

83 100

55 67.1 65.7 98.5

98 49.5 33.8 50.6



#50

Toluene-d8

Concen: 41.603 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081041.D

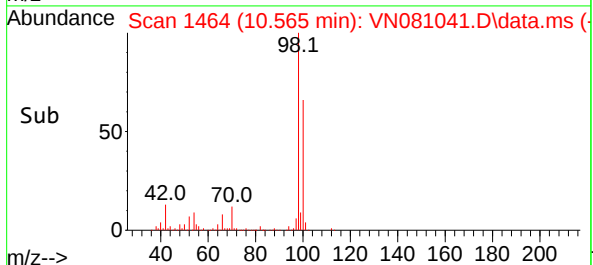
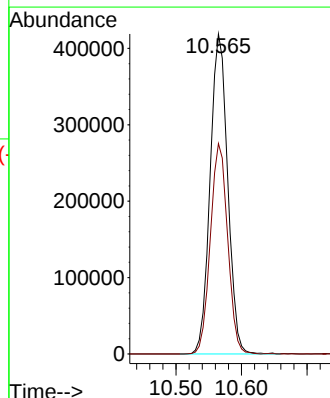
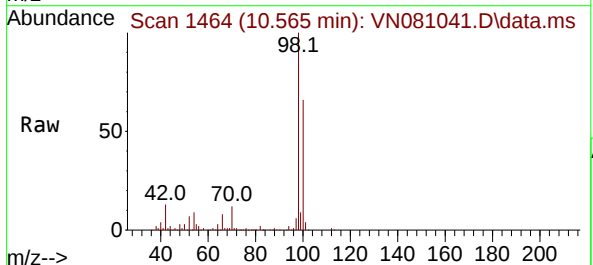
Acq: 15 Feb 2024 15:55

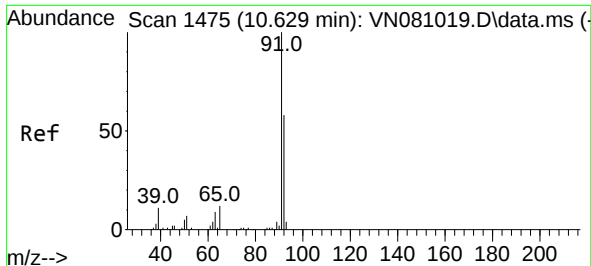
Tgt Ion: 98 Resp: 776872

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0

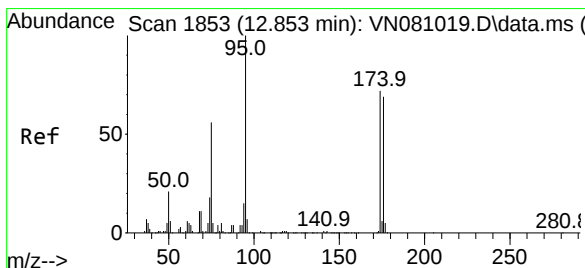
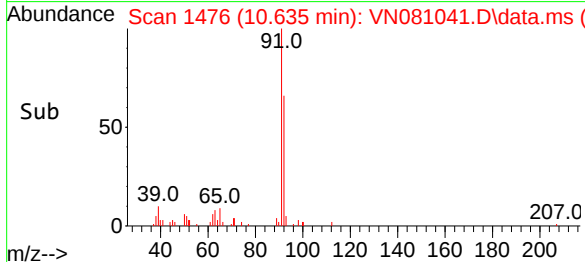
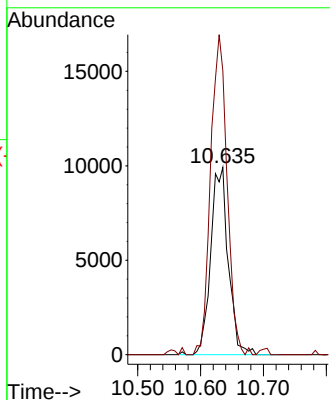
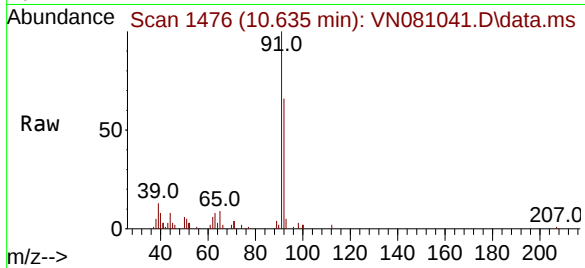




#52
Toluene
Concen: 1.180 ug/l m
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081041.D
Acq: 15 Feb 2024 15:55

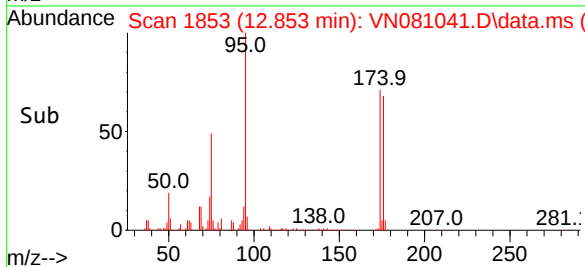
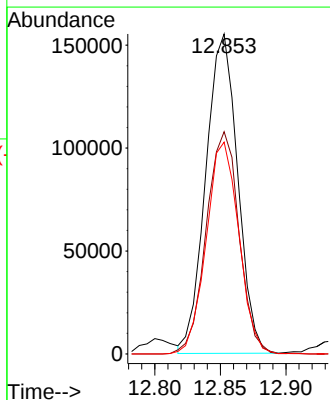
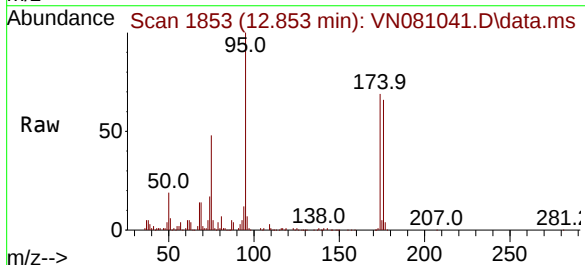
Instrument :
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ClientSampleId :
MET-OILY-DEBRIS

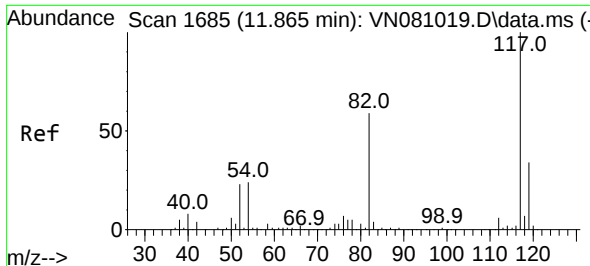
Tgt Ion: 92 Resp: 19262
Ion Ratio Lower Upper
92 100
91 0.0 139.4 209.0#



#62
4-Bromofluorobenzene
Concen: 41.351 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081041.D
Acq: 15 Feb 2024 15:55

Tgt Ion: 95 Resp: 262618
Ion Ratio Lower Upper
95 100
174 71.4 0.0 120.4
176 67.7 0.0 121.0

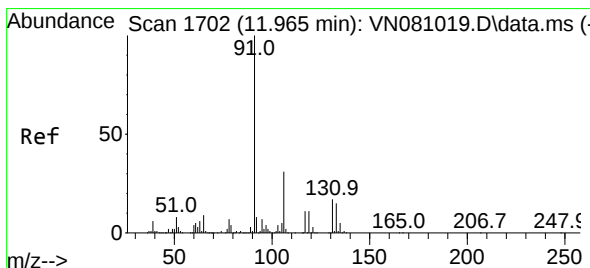
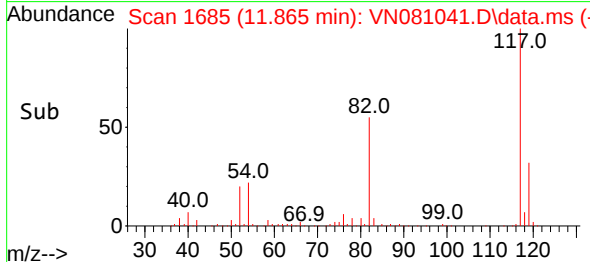
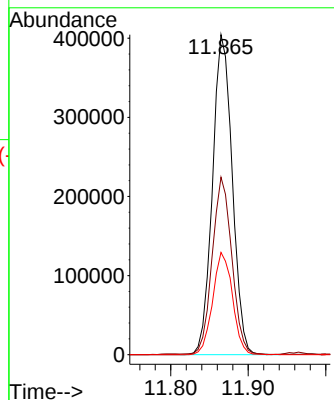
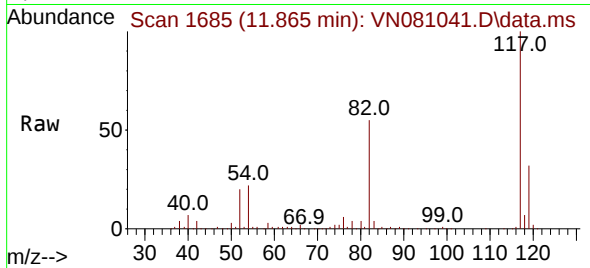




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081041.D
Acq: 15 Feb 2024 15:55

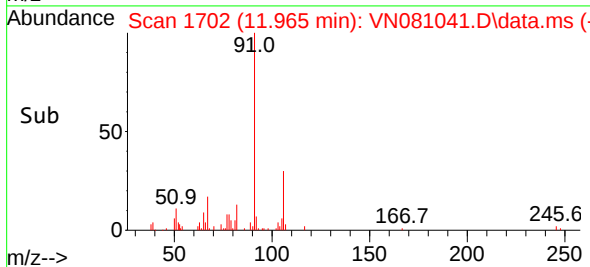
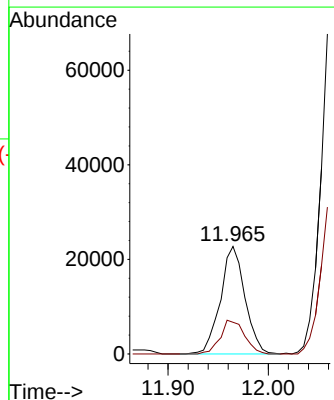
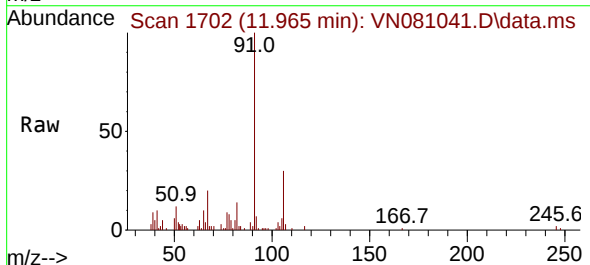
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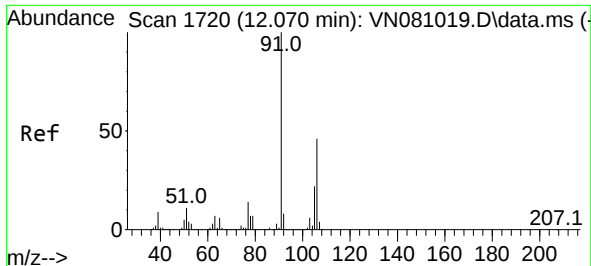
Tgt Ion:117 Resp: 716564
Ion Ratio Lower Upper
117 100
82 55.3 52.7 79.1
119 32.0 25.3 37.9



#67
Ethyl Benzene
Concen: 1.361 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081041.D
Acq: 15 Feb 2024 15:55

Tgt Ion: 91 Resp: 38561
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6

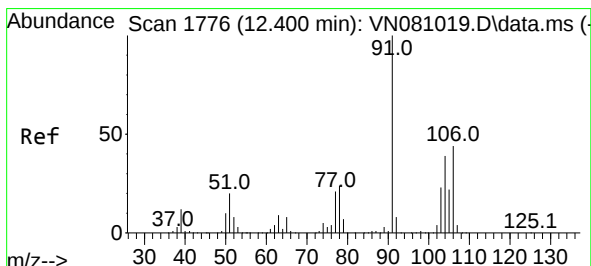
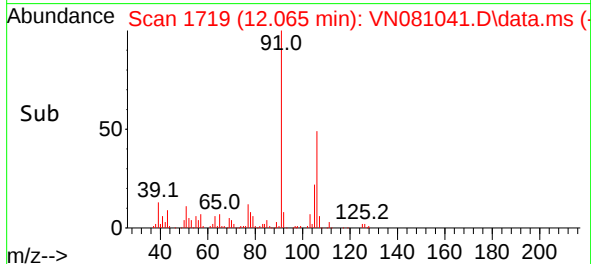
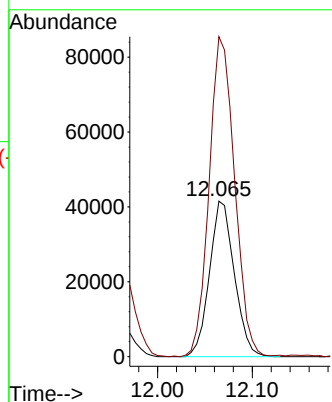
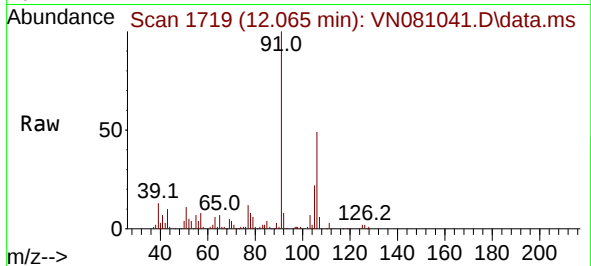




#68
m/p-Xylenes
Concen: 7.250 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081041.D
Acq: 15 Feb 2024 15:55

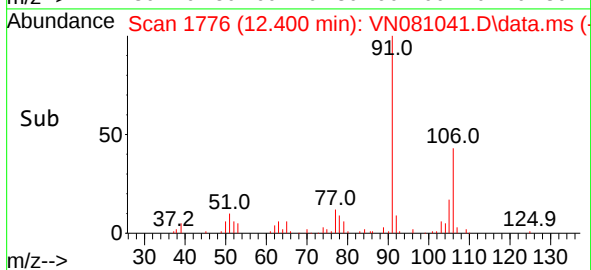
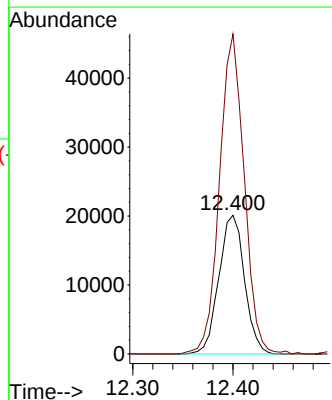
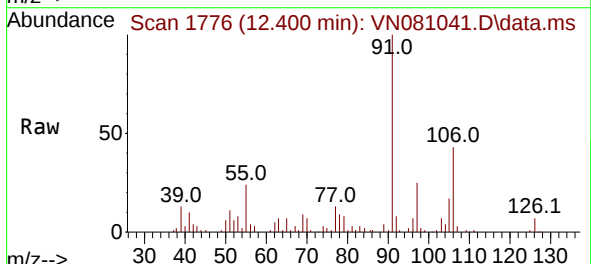
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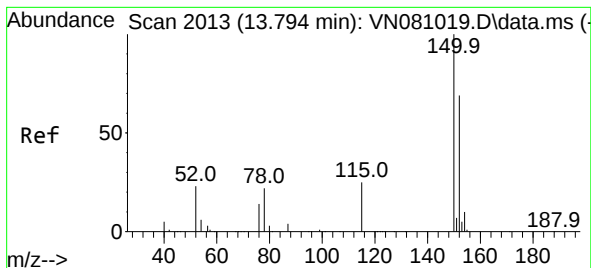
Tgt Ion:106 Resp: 75739
Ion Ratio Lower Upper
106 100
91 211.3 169.0 253.6



#69
o-Xylene
Concen: 3.516 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081041.D
Acq: 15 Feb 2024 15:55

Tgt Ion:106 Resp: 35627
Ion Ratio Lower Upper
106 100
91 222.4 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081041.D

Acq: 15 Feb 2024 15:55

Instrument :

MSVOA_N

ClientSampleId :

MET-OILY-DEBRIS

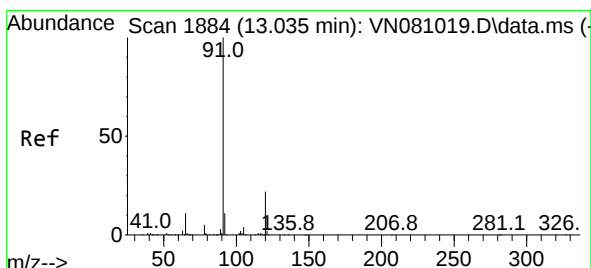
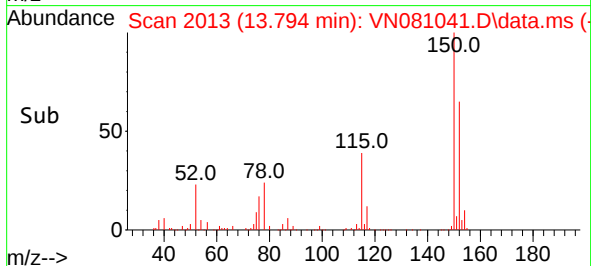
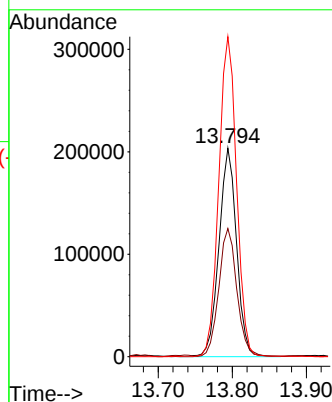
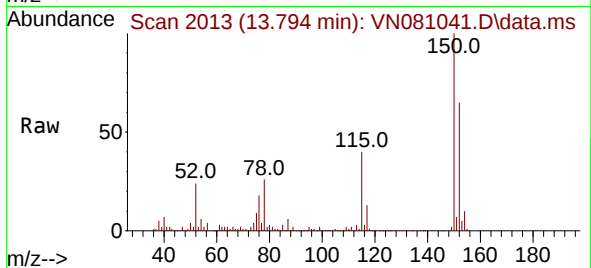
Tgt Ion:152 Resp: 335813

Ion Ratio Lower Upper

152 100

115 62.6 32.3 96.8

150 155.0 0.0 339.8



#78

n-propylbenzene

Concen: 1.161 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081041.D

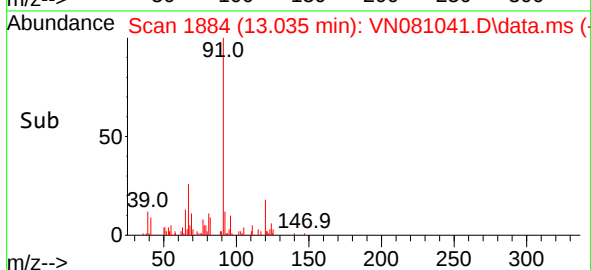
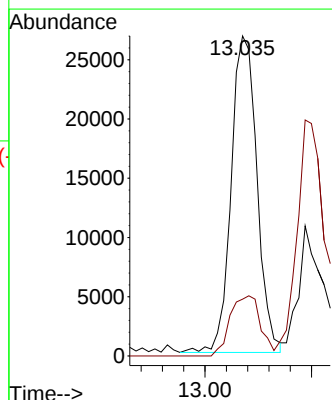
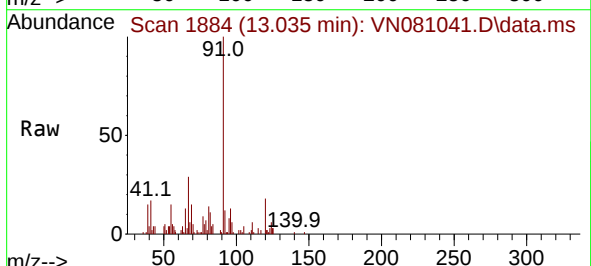
Acq: 15 Feb 2024 15:55

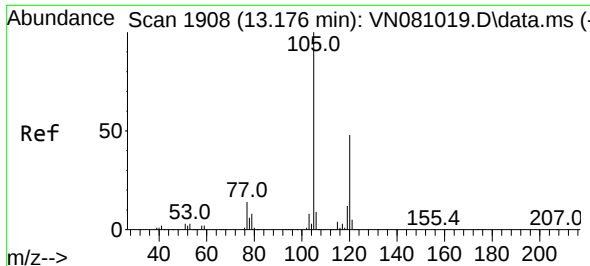
Tgt Ion: 91 Resp: 44969

Ion Ratio Lower Upper

91 100

120 22.3 10.3 30.9

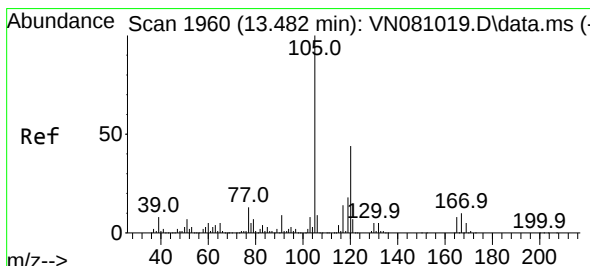
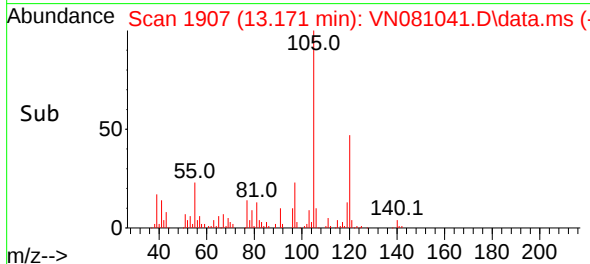
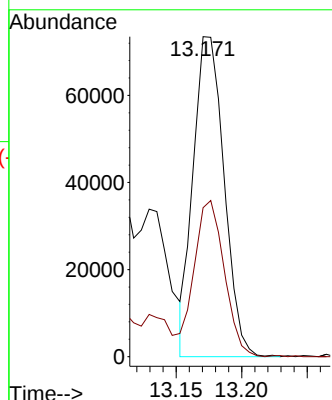
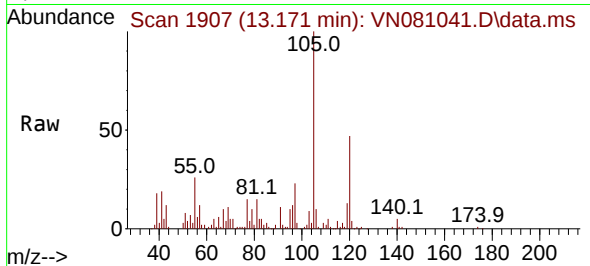




#80
 1,3,5-Trimethylbenzene
 Concen: 4.559 ug/l
 RT: 13.171 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VN081041.D
 Acq: 15 Feb 2024 15:55

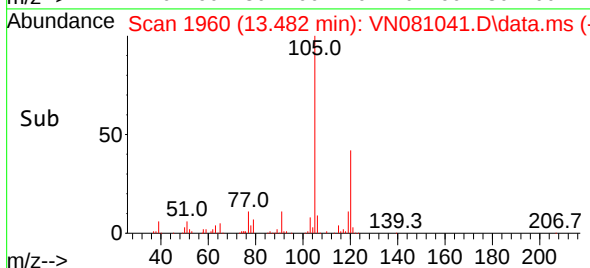
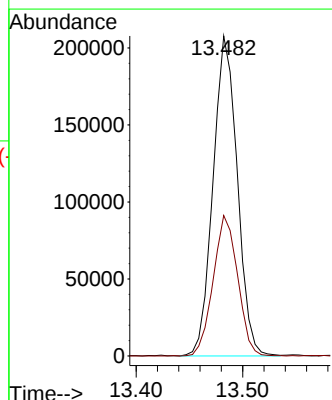
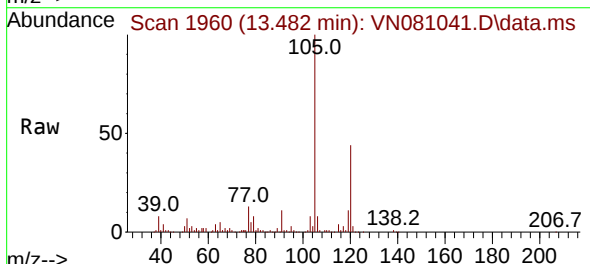
Instrument :
 MSVOA_N
 ClientSampleId :
 MET-OILY-DEBRIS

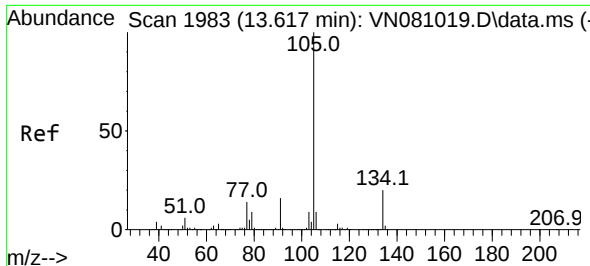
Tgt Ion:105 Resp: 120015
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.0 69.0



#84
 1,2,4-Trimethylbenzene
 Concen: 12.941 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081041.D
 Acq: 15 Feb 2024 15:55

Tgt Ion:105 Resp: 328223
 Ion Ratio Lower Upper
 105 100
 120 44.4 20.9 62.7

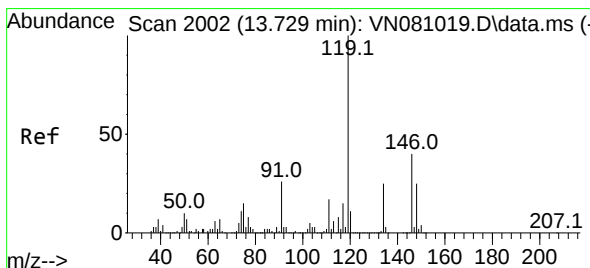
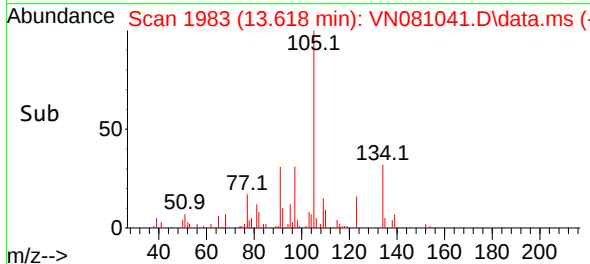
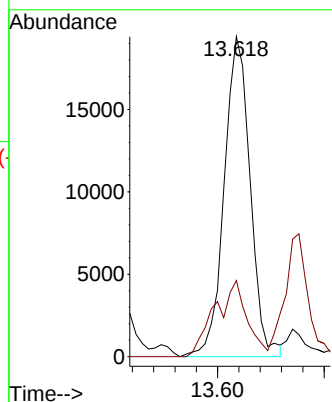
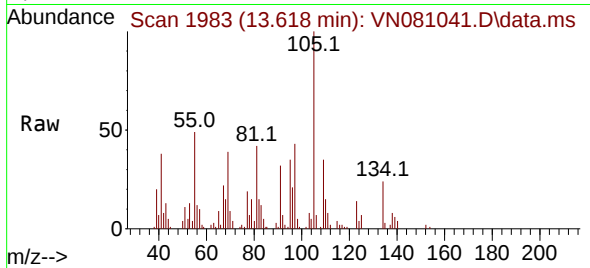




#85
 sec-Butylbenzene
 Concen: 1.064 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081041.D
 Acq: 15 Feb 2024 15:55

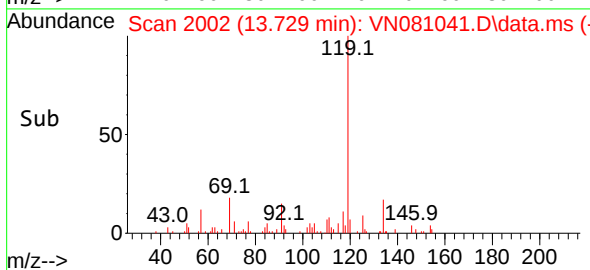
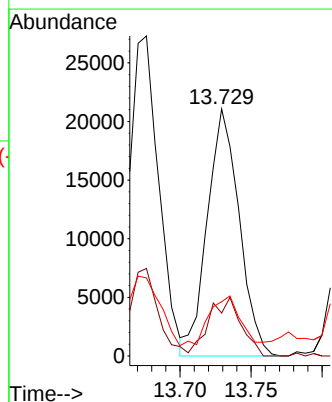
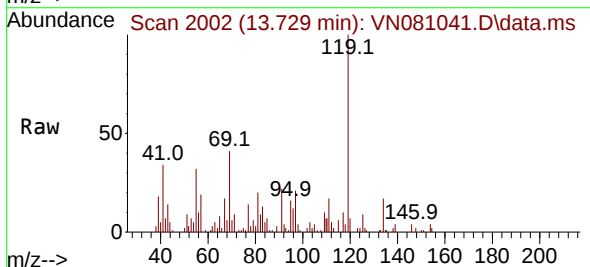
Instrument :
 MSVOA_N
 ClientSampleId :
 MET-OILY-DEBRIS

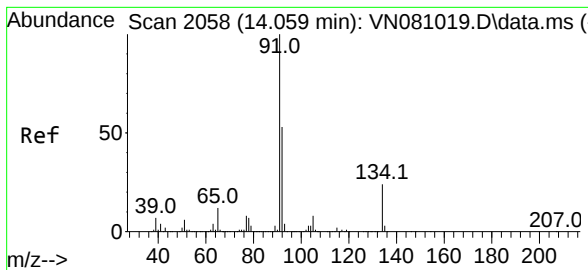
Tgt Ion:105 Resp: 32895
 Ion Ratio Lower Upper
 105 100
 134 29.7 8.6 25.8#



#86
 p-Isopropyltoluene
 Concen: 1.324 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081041.D
 Acq: 15 Feb 2024 15:55

Tgt Ion:119 Resp: 32931
 Ion Ratio Lower Upper
 119 100
 134 23.8 12.4 37.2
 91 19.6 13.5 40.4





#89

n-Butylbenzene

Concen: 2.004 ug/l

RT: 14.059 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081041.D

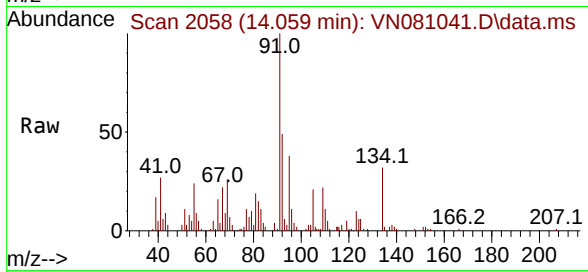
Acq: 15 Feb 2024 15:55

Instrument :

MSVOA_N

ClientSampleId :

MET-OILY-DEBRIS



Tgt Ion: 91 Resp: 45629

Ion Ratio Lower Upper

91 100

92 64.3 26.7 80.1

134 0.0 10.8 32.4#

