

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081032.D
 Acq On : 14 Feb 2024 18:07
 Operator : JC\MD
 Sample : P1459-03 20X
 Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WAL-OILY-DEBRIS

Quant Time: Feb 15 08:04:39 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)

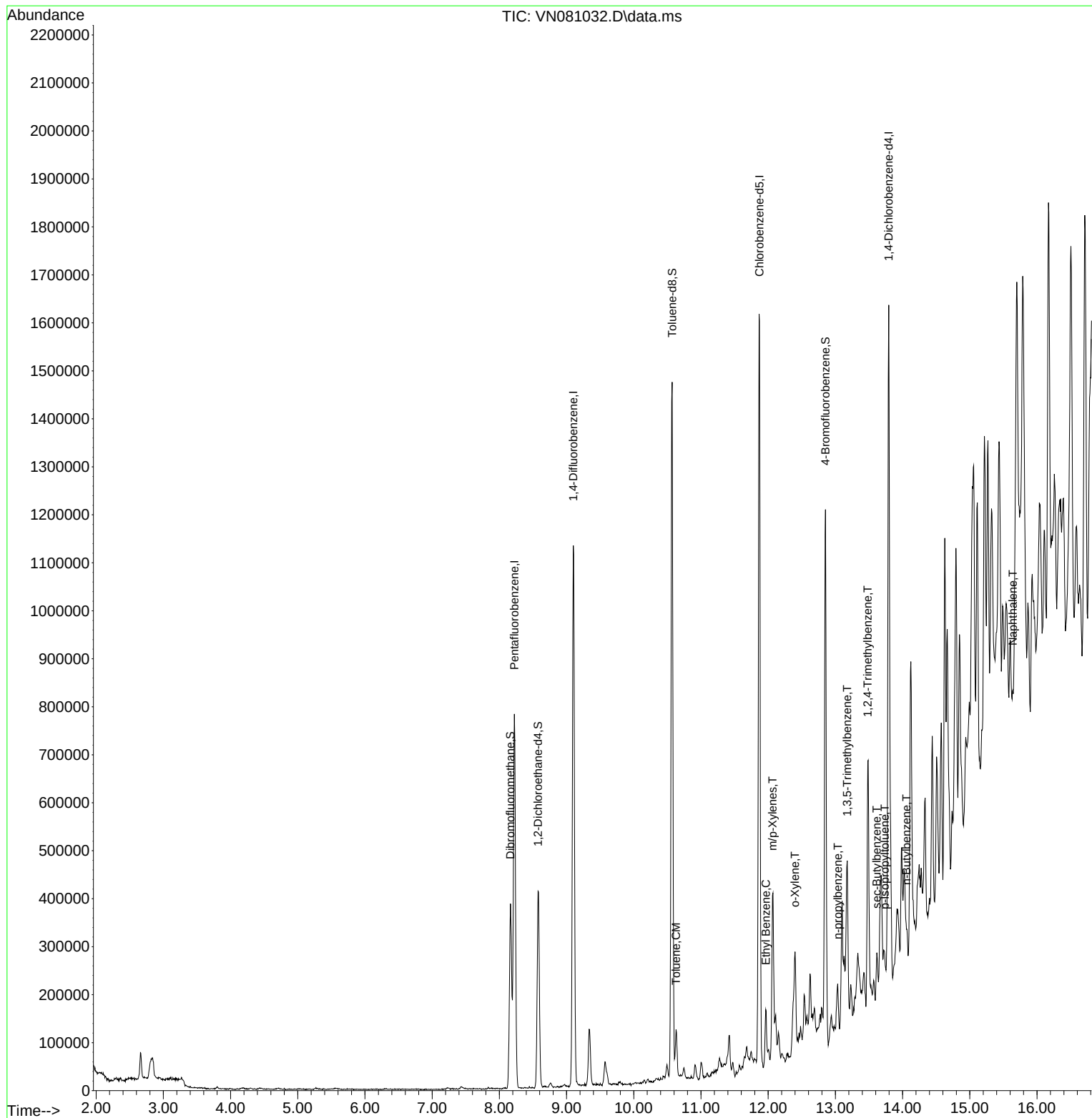
Internal Standards						
1) Pentafluorobenzene	8.224	168	562248	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	991786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	910739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	349543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	332638	48.099	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.200%
35) Dibromofluoromethane	8.165	113	273768	48.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	10.571	98	989699	49.350	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.853	95	370507	54.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.640%
Target Compounds						
					Qvalue	
52) Toluene	10.629	92	40043	2.285	ug/l	99
67) Ethyl Benzene	11.965	91	82747	2.298	ug/l	96
68) m/p-Xylenes	12.065	106	96500	7.268	ug/l	99
69) o-Xylene	12.400	106	46551	3.615	ug/l	90
78) n-propylbenzene	13.035	91	49631	1.232	ug/l	85
80) 1,3,5-Trimethylbenzene	13.176	105	101957	3.721	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	316040	11.971	ug/l	99
85) sec-Butylbenzene	13.617	105	40848	1.269	ug/l #	75
86) p-Isopropyltoluene	13.735	119	36237	1.400	ug/l	90
89) n-Butylbenzene	14.059	91	31023	1.309	ug/l #	86
95) Naphthalene	15.641	128	161319	6.419	ug/l #	95

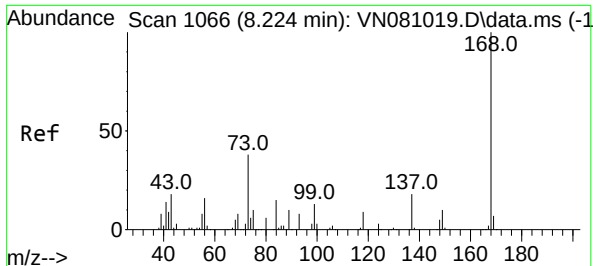
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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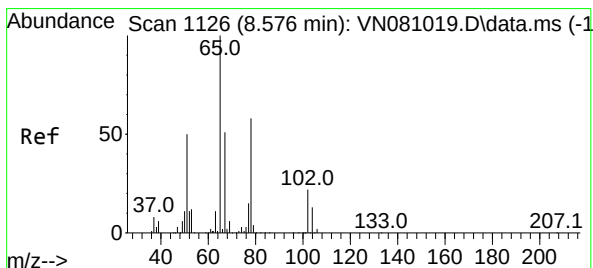
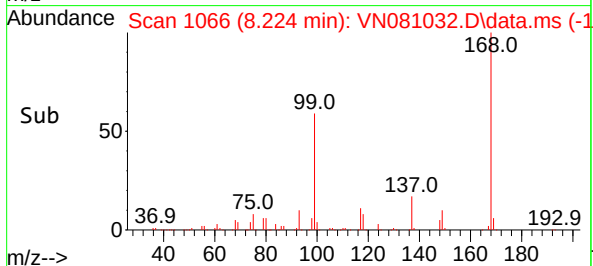
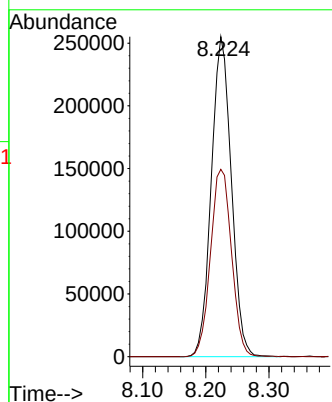
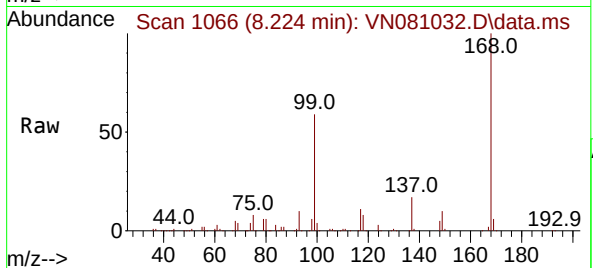




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

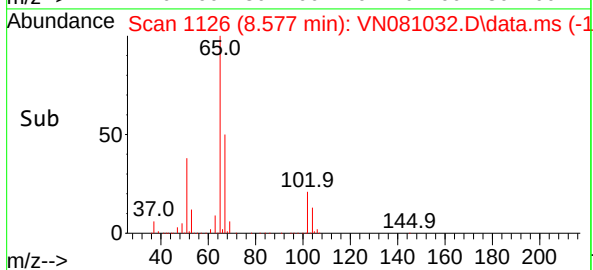
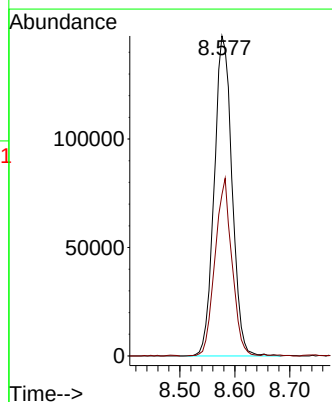
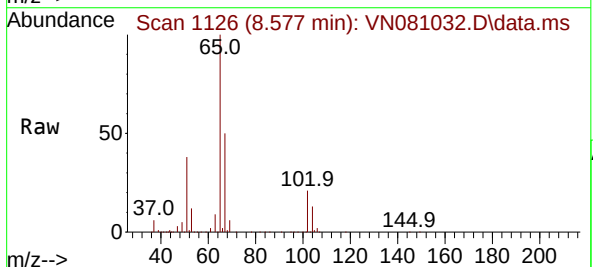
Instrument :
MSVOA_N
ClientSampleId :
WAL-OILY-DEBRIS

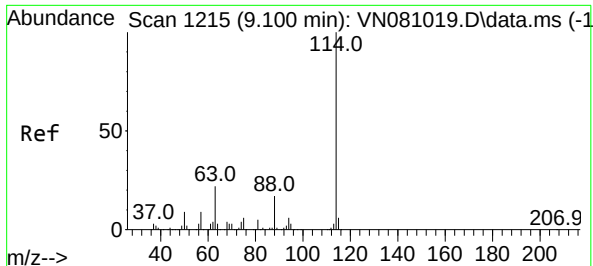
Tgt Ion:168 Resp: 562248
Ion Ratio Lower Upper
168 100
99 58.5 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 48.099 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

Tgt Ion: 65 Resp: 332638
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4

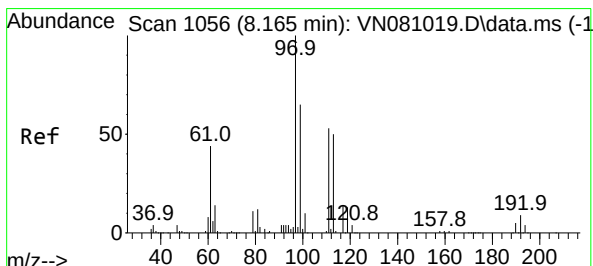
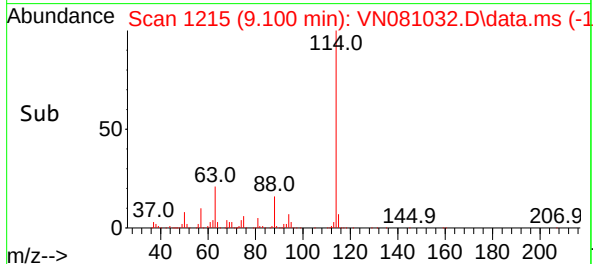
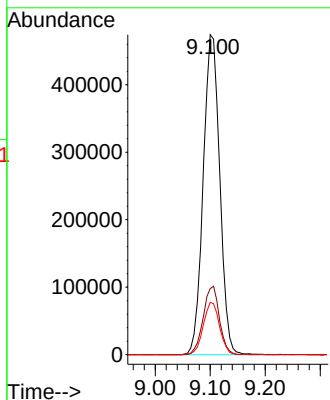
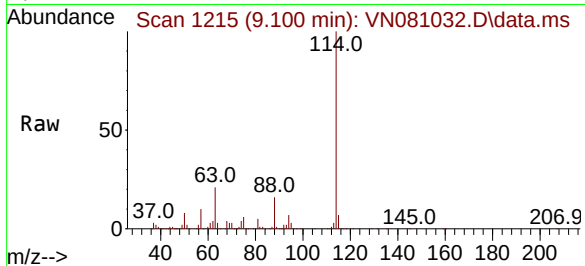




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

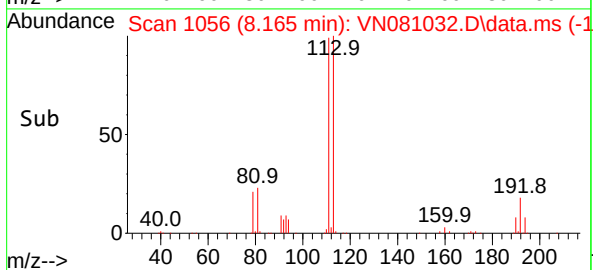
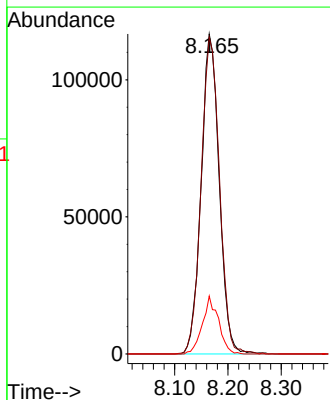
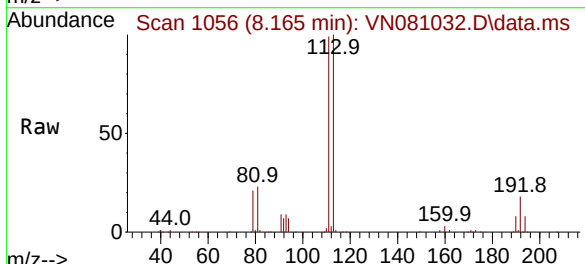
Instrument :
MSVOA_N
ClientSampleId :
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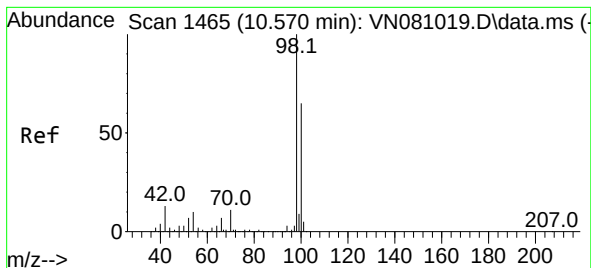
Tgt Ion:114 Resp: 991786
Ion Ratio Lower Upper
114 100
63 20.6 0.0 48.0
88 16.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.144 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

Tgt Ion:113 Resp: 273768
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 16.1 12.5 18.7





#50

Toluene-d8

Concen: 49.350 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081032.D

Acq: 14 Feb 2024 18:07

Instrument :

MSVOA_N

ClientSampleId :

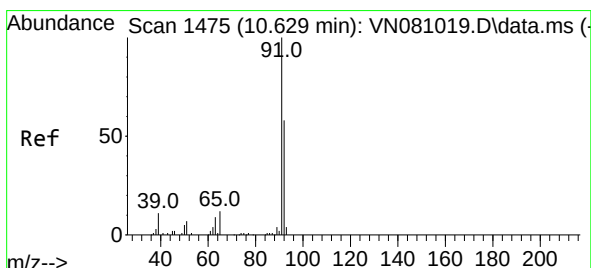
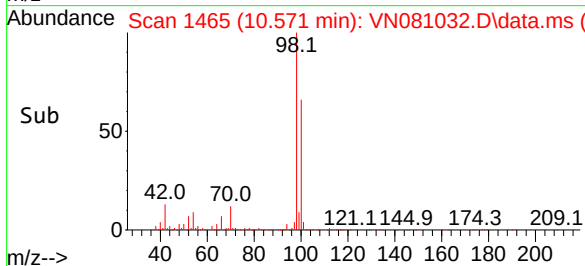
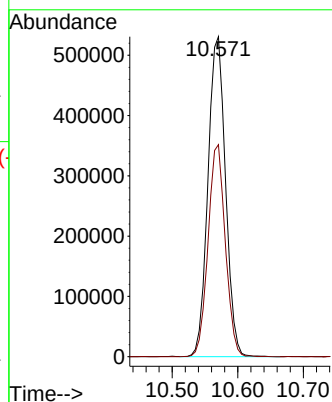
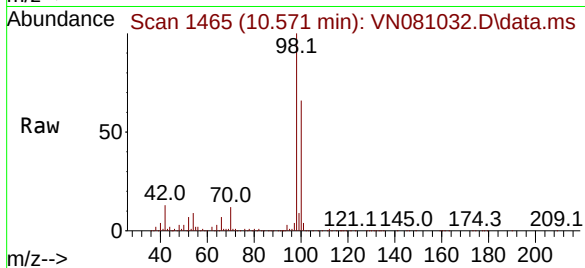
WAL-OILY-DEBRIS

Tgt Ion: 98 Resp: 989699

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0



#52

Toluene

Concen: 2.285 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081032.D

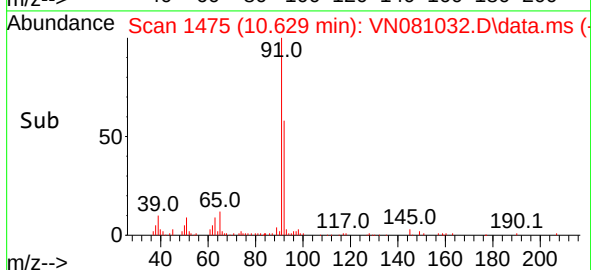
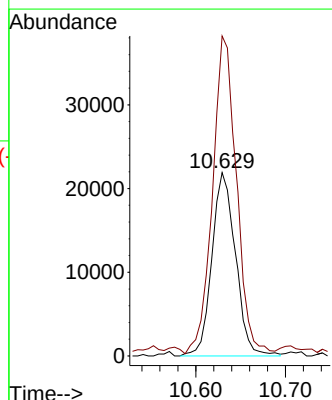
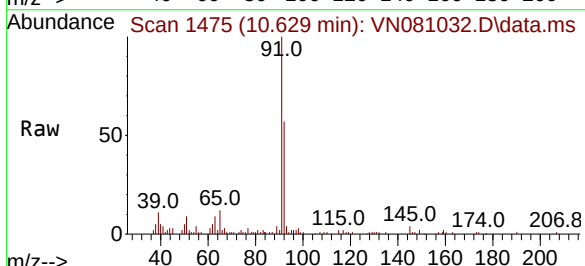
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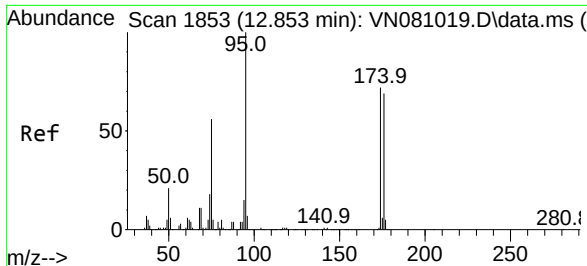
Tgt Ion: 92 Resp: 40043

Ion Ratio Lower Upper

92 100

91 174.9 139.4 209.0

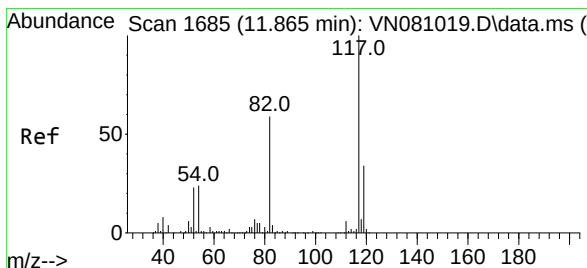
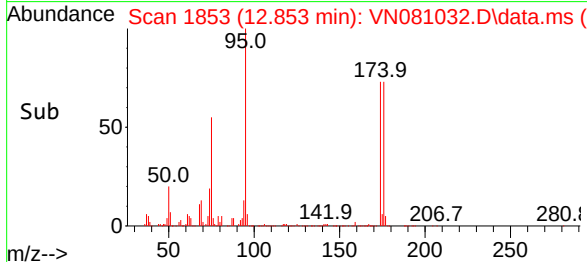
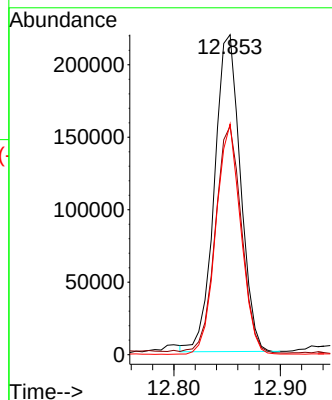
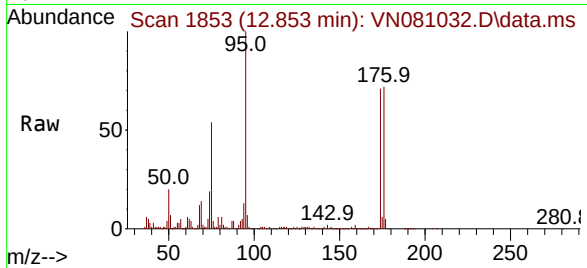




#62
4-Bromofluorobenzene
Concen: 54.322 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

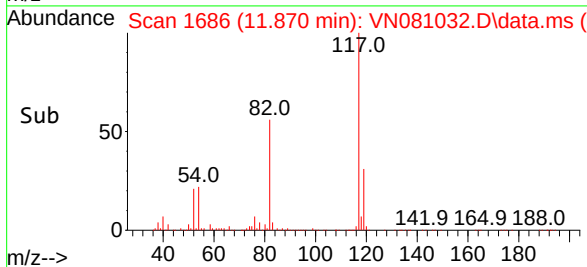
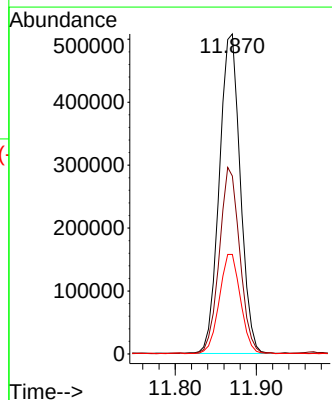
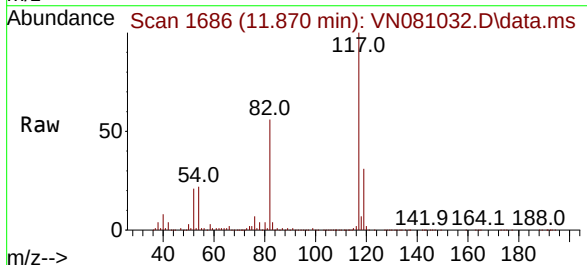
Instrument :
MSVOA_N
ClientSampleId :
WAL-OILY-DEBRIS

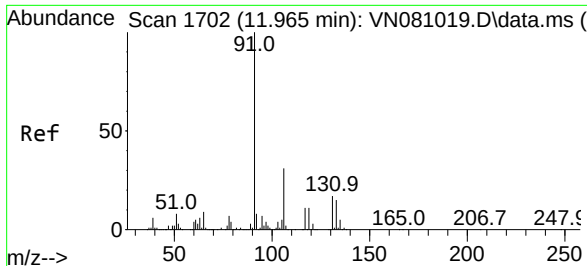
Tgt Ion: 95 Resp: 370507
Ion Ratio Lower Upper
95 100
174 72.2 0.0 120.4
176 69.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

Tgt Ion: 117 Resp: 910739
Ion Ratio Lower Upper
117 100
82 55.5 52.7 79.1
119 31.0 25.3 37.9

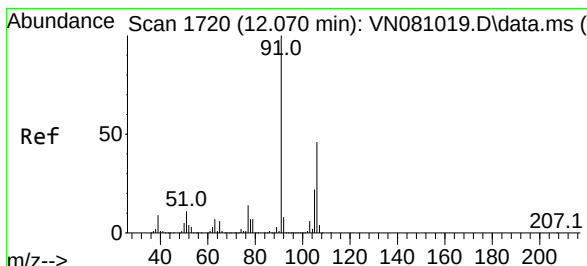
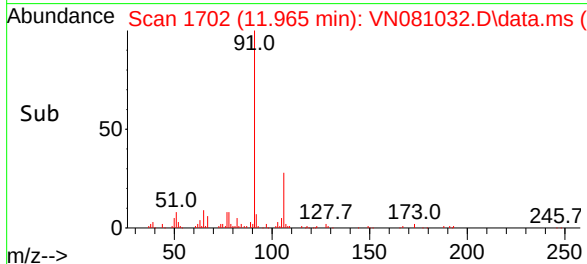
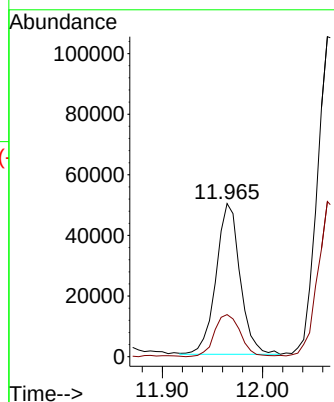
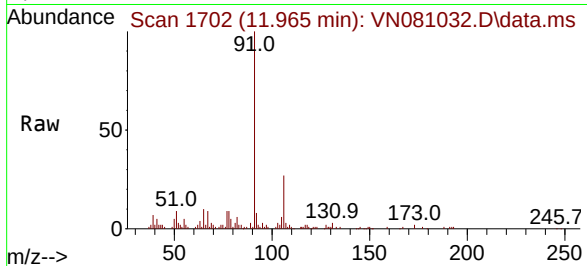




#67
Ethyl Benzene
Concen: 2.298 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

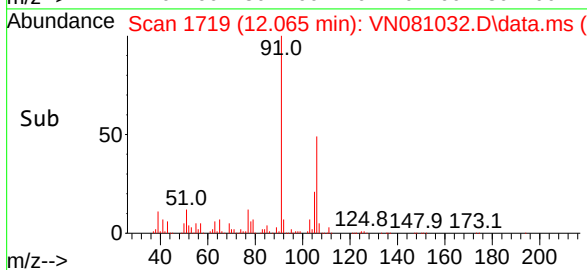
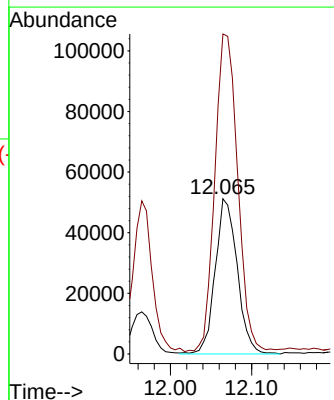
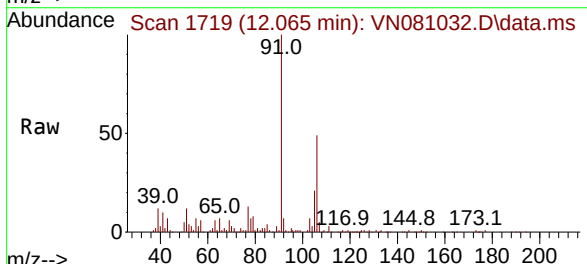
Instrument :
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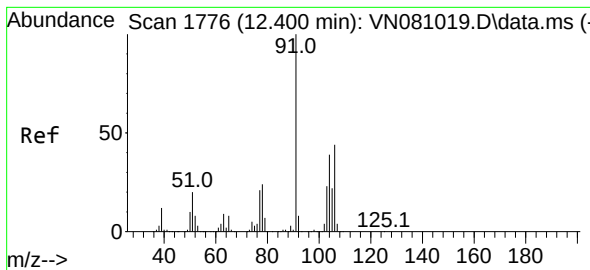
Tgt Ion: 91 Resp: 82747
Ion Ratio Lower Upper
91 100
106 27.6 23.8 35.6



#68
m/p-Xylenes
Concen: 7.268 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

Tgt Ion: 106 Resp: 96500
Ion Ratio Lower Upper
106 100
91 212.2 169.0 253.6





#69

o-Xylene

Concen: 3.615 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081032.D

Acq: 14 Feb 2024 18:07

Instrument :

MSVOA_N

ClientSampleId :

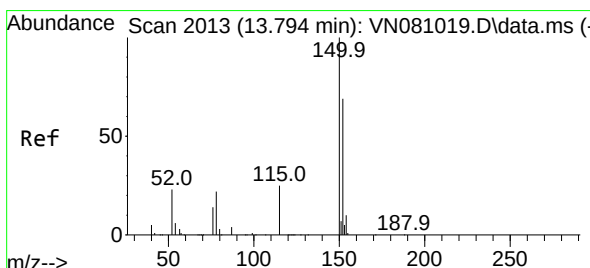
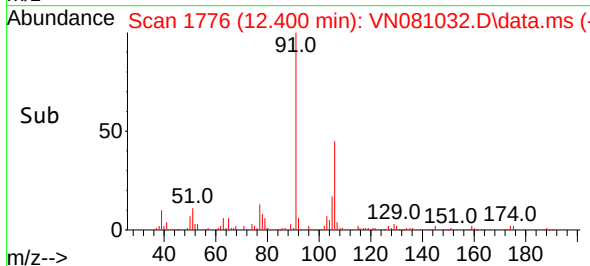
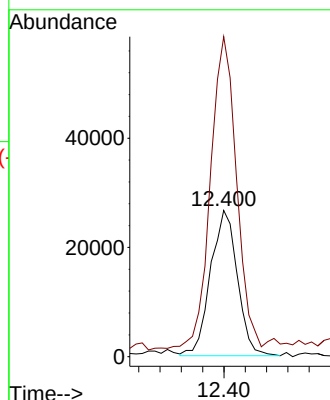
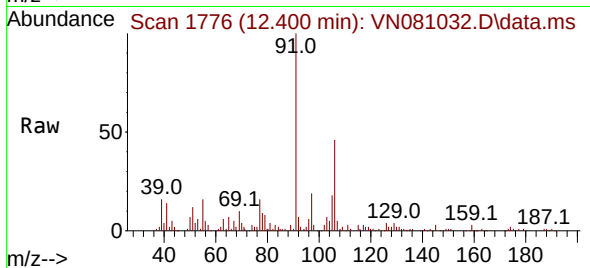
WAL-OILY-DEBRIS

Tgt Ion:106 Resp: 46551

Ion Ratio Lower Upper

106 100

91 207.5 112.1 336.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081032.D

Acq: 14 Feb 2024 18:07

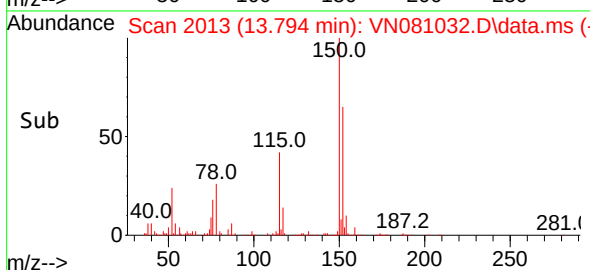
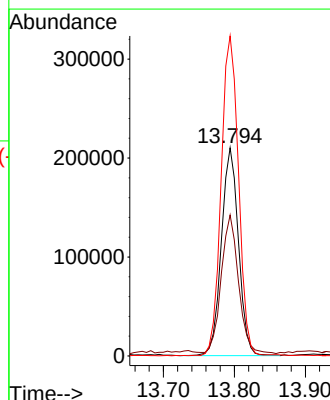
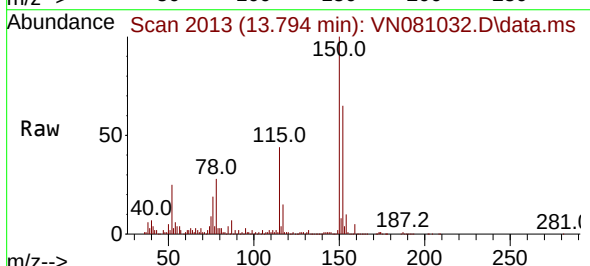
Tgt Ion:152 Resp: 349543

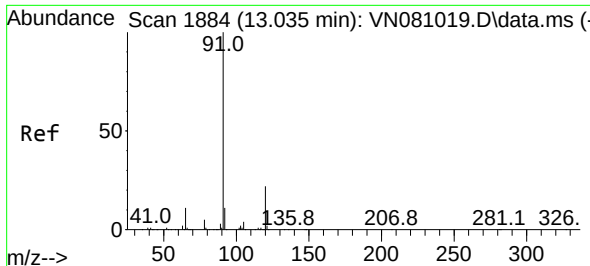
Ion Ratio Lower Upper

152 100

115 67.5 32.3 96.8

150 156.1 0.0 339.8

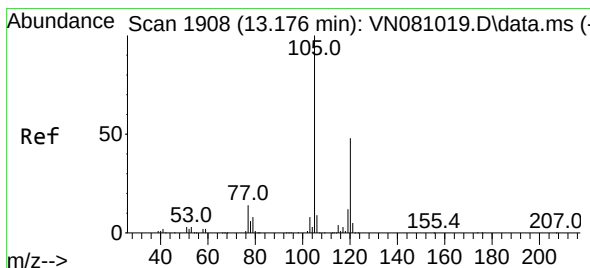
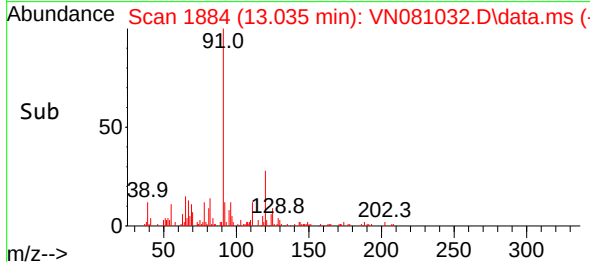
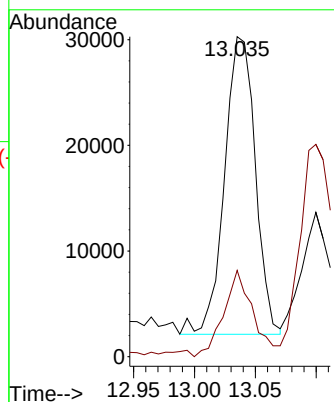
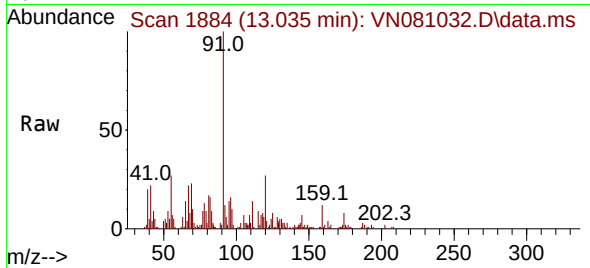




#78
n-propylbenzene
Concen: 1.232 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

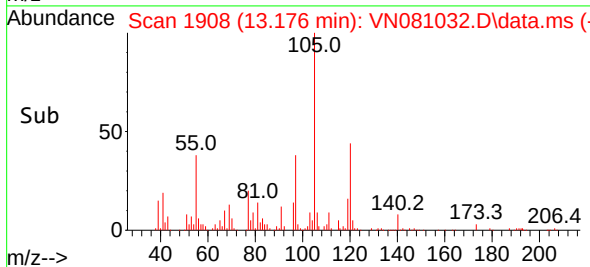
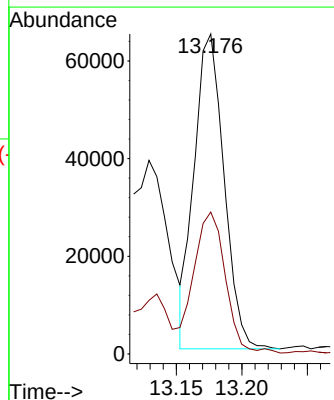
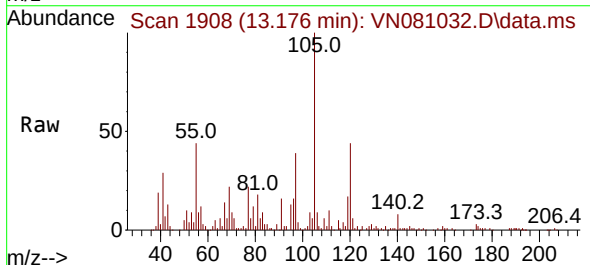
Instrument :
MSVOA_N
ClientSampleId :
WAL-OILY-DEBRIS

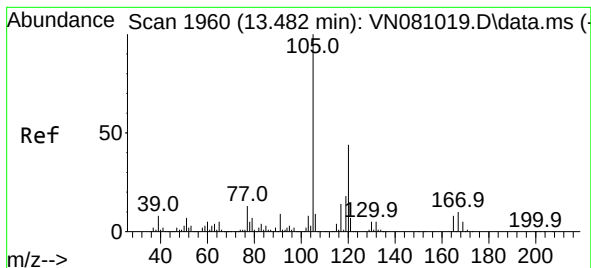
Tgt Ion: 91 Resp: 49631
Ion Ratio Lower Upper
91 100
120 27.8 10.3 30.9



#80
1,3,5-Trimethylbenzene
Concen: 3.721 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

Tgt Ion: 105 Resp: 101957
Ion Ratio Lower Upper
105 100
120 48.3 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 11.971 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081032.D

Acq: 14 Feb 2024 18:07

Instrument :

MSVOA_N

ClientSampleId :

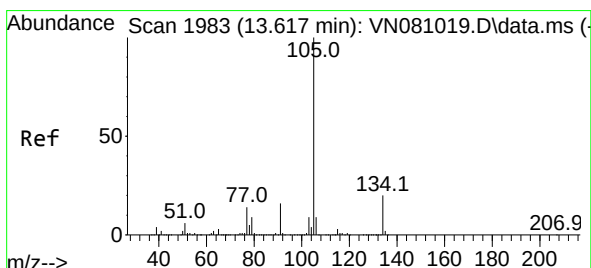
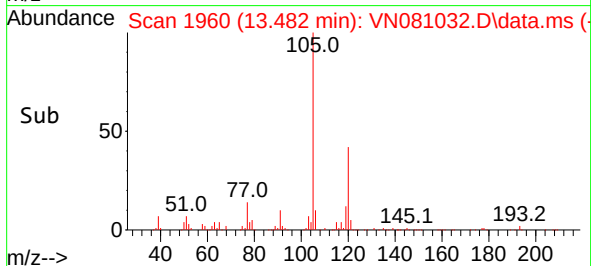
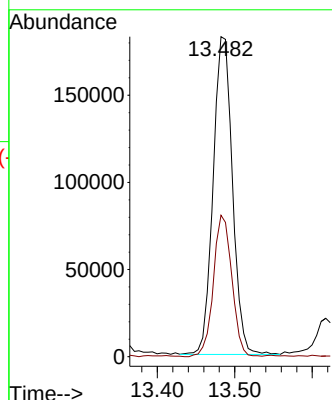
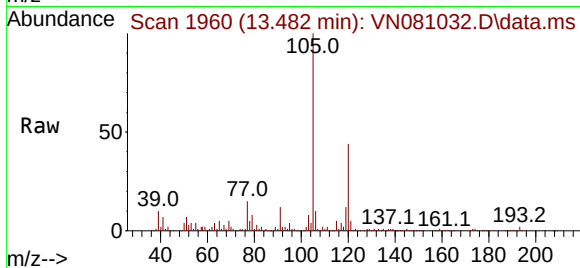
WAL-OILY-DEBRIS

Tgt Ion:105 Resp: 316040

Ion Ratio Lower Upper

105 100

120 42.5 20.9 62.7



#85

sec-Butylbenzene

Concen: 1.269 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081032.D

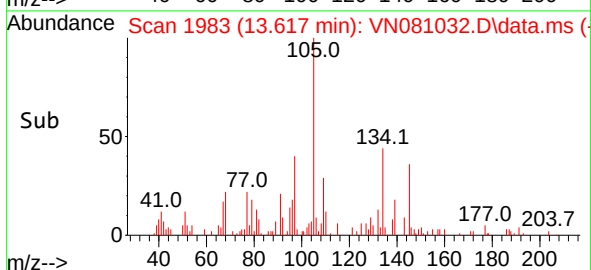
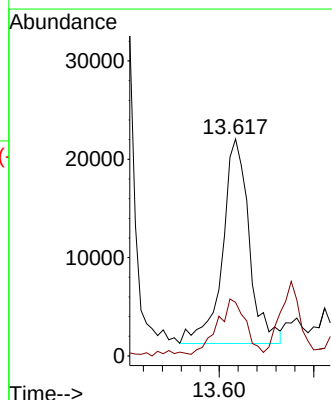
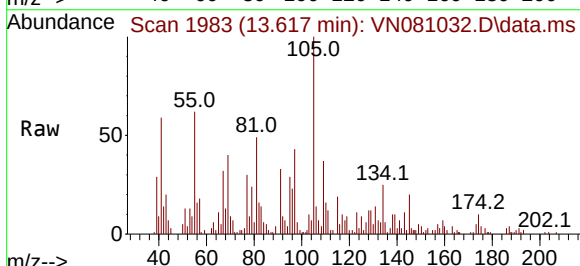
Acq: 14 Feb 2024 18:07

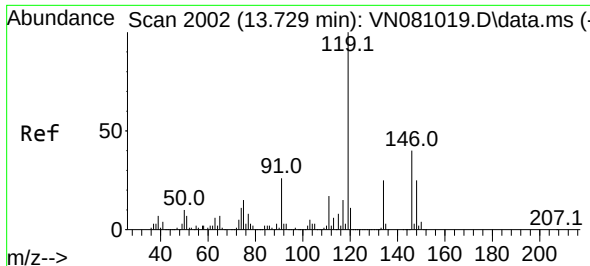
Tgt Ion:105 Resp: 40848

Ion Ratio Lower Upper

105 100

134 28.1 8.6 25.8#

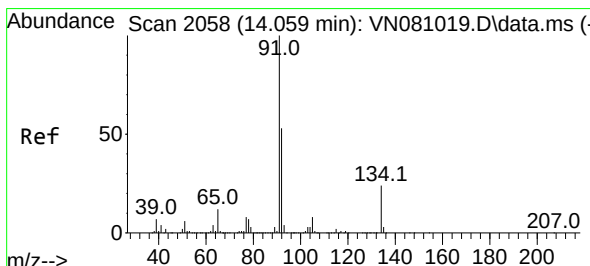
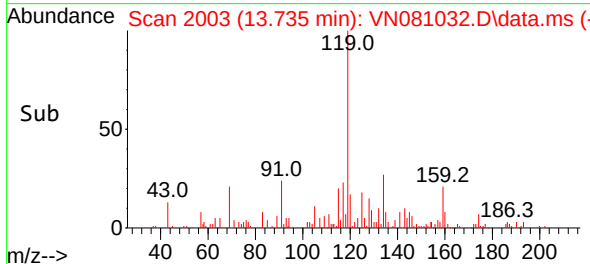
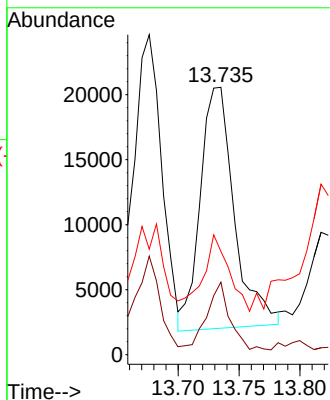
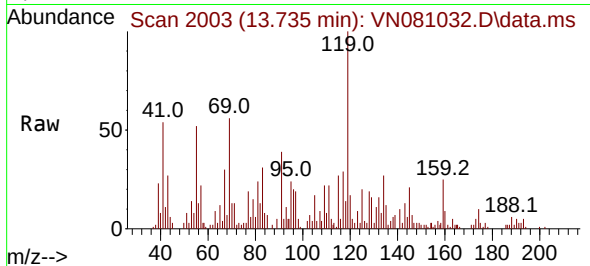




#86
p-Isopropyltoluene
Concen: 1.400 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

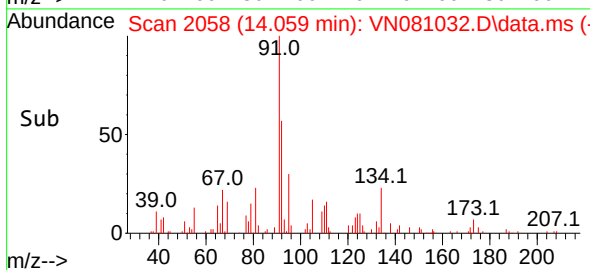
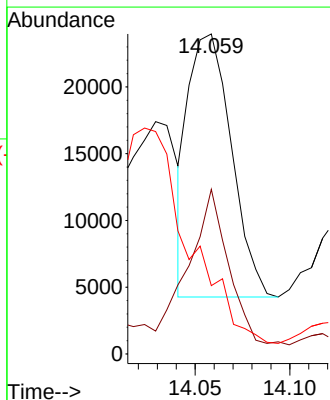
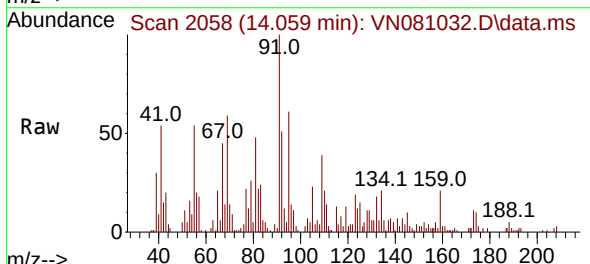
Instrument :
MSVOA_N
ClientSampleId :
WAL-OILY-DEBRIS

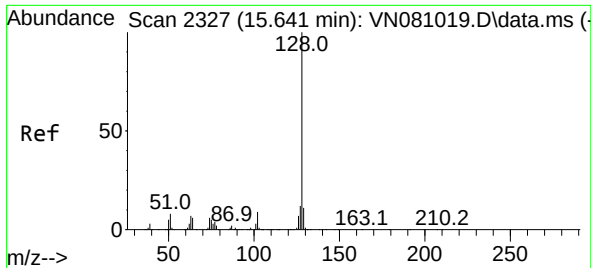
Tgt Ion:119 Resp: 36237
Ion Ratio Lower Upper
119 100
134 17.9 12.4 37.2
91 23.8 13.5 40.4



#89
n-Butylbenzene
Concen: 1.309 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081032.D
Acq: 14 Feb 2024 18:07

Tgt Ion: 91 Resp: 31023
Ion Ratio Lower Upper
91 100
92 54.7 26.7 80.1
134 0.0 10.8 32.4#





#95

Naphthalene

Concen: 6.419 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081032.D

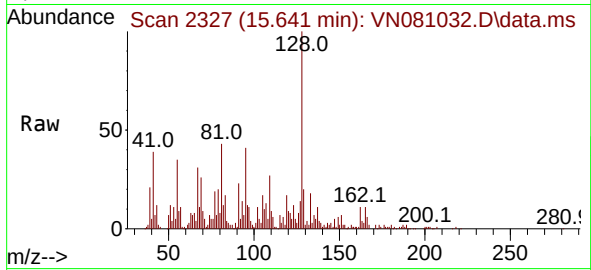
Acq: 14 Feb 2024 18:07

Instrument :

MSVOA_N

ClientSampleId :

WAL-OILY-DEBRIS



Tgt Ion:	128	Resp:	161319
Ion	Ratio	Lower	Upper
128	100		
127	9.3	10.0	15.0#
129	10.5	8.7	13.1

