

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074241.D
 Acq On : 01 Sep 2022 14:41
 Operator : JC\MD
 Sample : N4421-09
 Misc : 3.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-02-GR

Quant Time: Sep 01 16:16:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

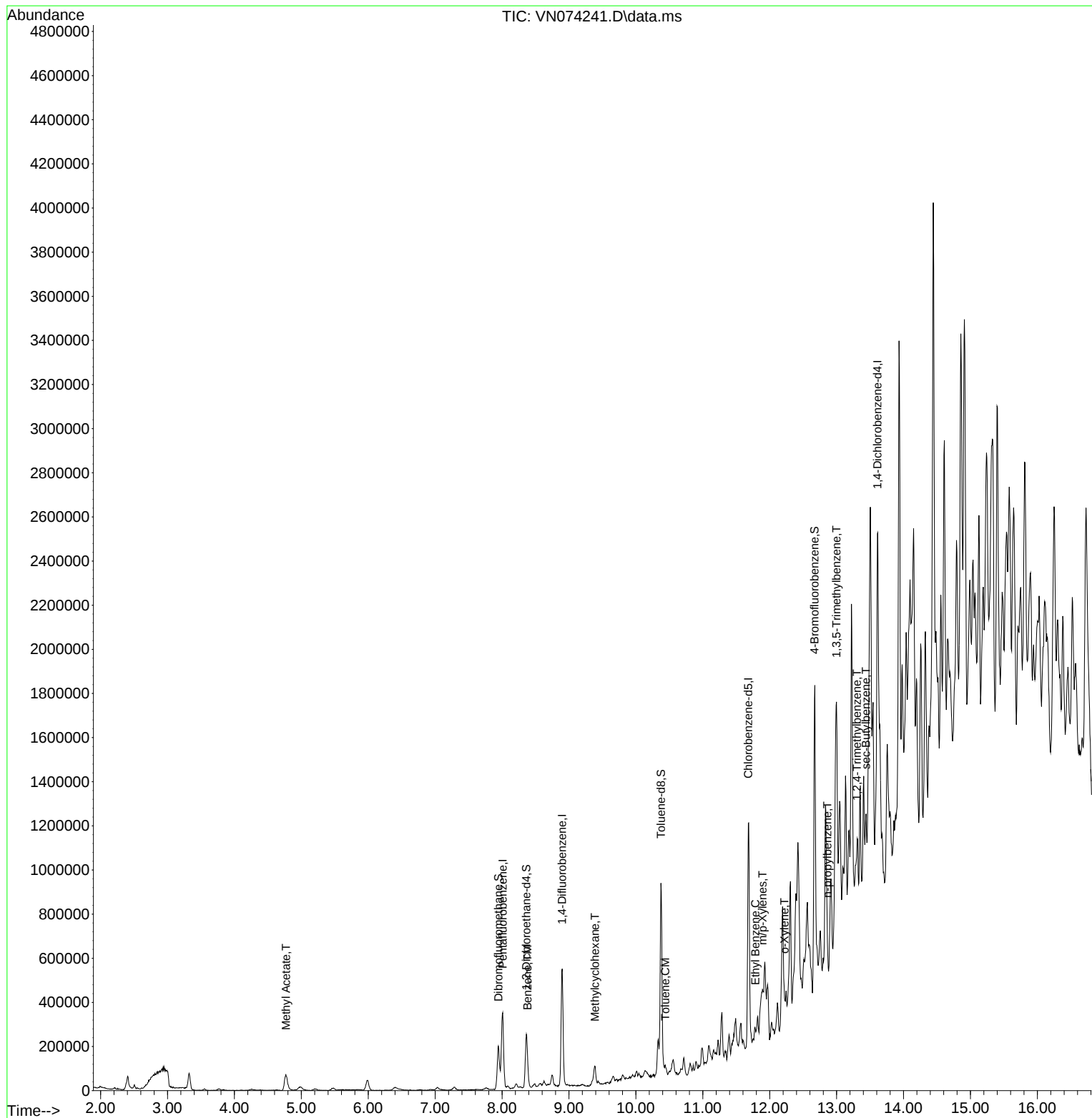
Internal Standards						
1) Pentafluorobenzene	8.010	168	243554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	449617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	588730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	377915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	169172	44.777	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.560%		
35) Dibromofluoromethane	7.945	113	135377	46.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	10.374	98	532585	46.223	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.440%		
62) 4-Bromofluorobenzene	12.668	95	320701	91.527	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	183.060%#		
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.769	43	159673	23.918	ug/l #	88
39) Methylcyclohexane	9.386	83	32765	5.880	ug/l #	90
40) Benzene	8.380	78	40441	2.713	ug/l	94
52) Toluene	10.439	92	16699	1.901	ug/l	93
67) Ethyl Benzene	11.786	91	43028	1.810	ug/l	98
68) m/p-Xylenes	11.892	106	41913	4.746	ug/l	80
69) o-Xylene	12.221	106	12014	1.365	ug/l	89
78) n-propylbenzene	12.863	91	104899	2.843	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	130337	4.952	ug/l	70
84) 1,2,4-Trimethylbenzene	13.304	105	210515	8.287	ug/l	92
85) sec-Butylbenzene	13.439	105	85114	2.695	ug/l #	76

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

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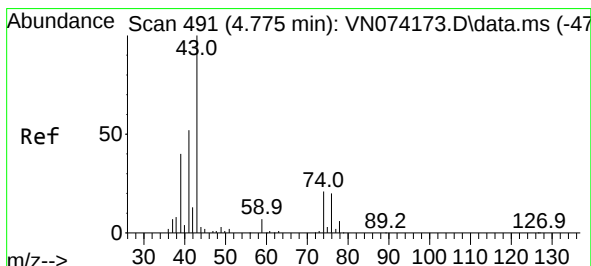
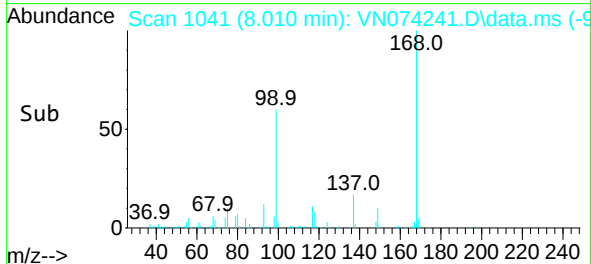
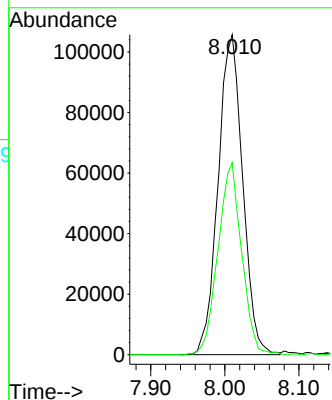
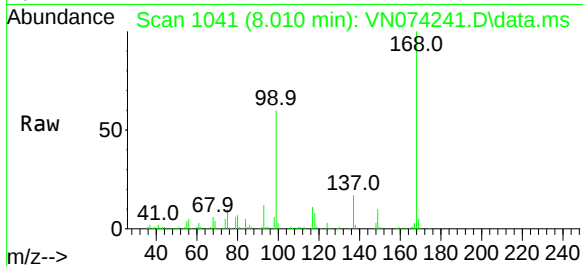




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

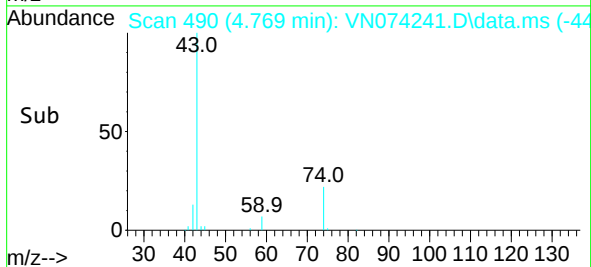
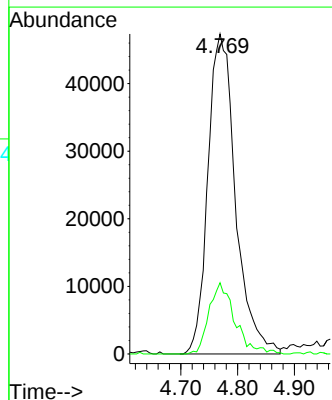
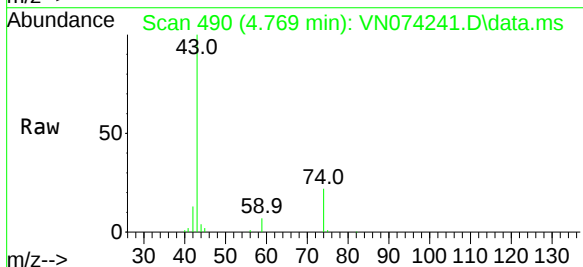
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

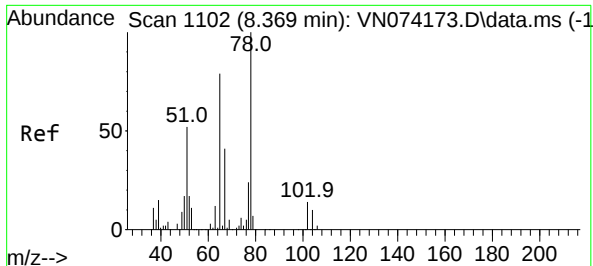
Tgt Ion:168 Resp: 243554
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#18
Methyl Acetate
Concen: 23.918 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 43 Resp: 159673
Ion Ratio Lower Upper
43 100
74 20.9 21.6 32.4#

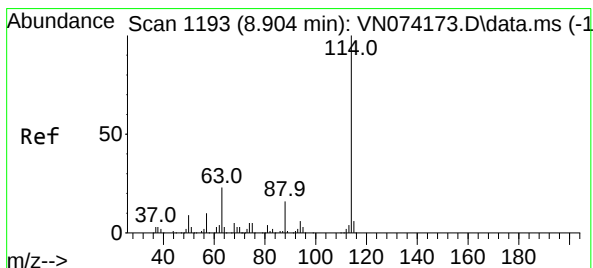
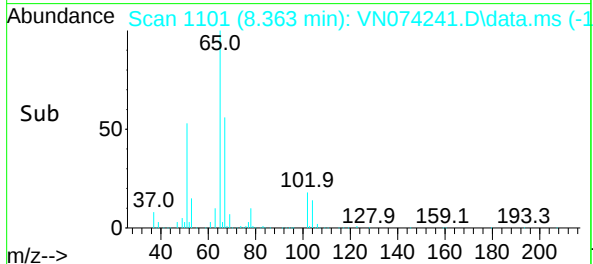
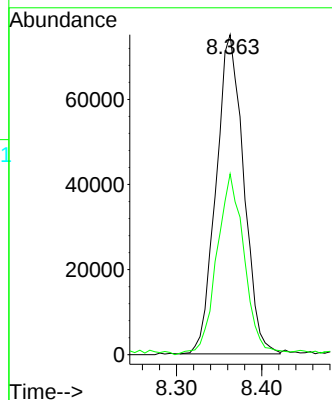
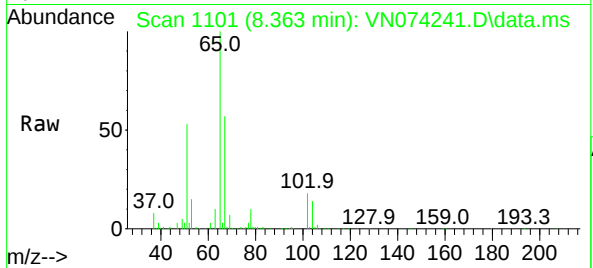




#33
1,2-Dichloroethane-d4
Concen: 44.777 ug/l
RT: 8.363 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

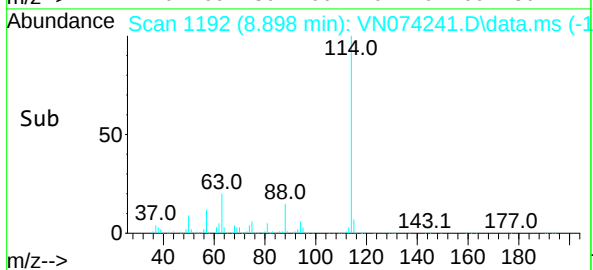
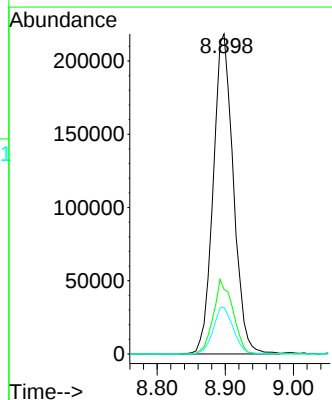
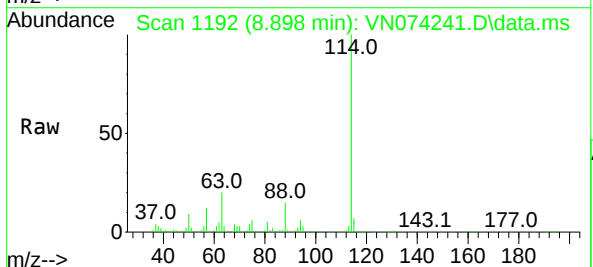
Instrument :
MSVOA_N
ClientSampleId :
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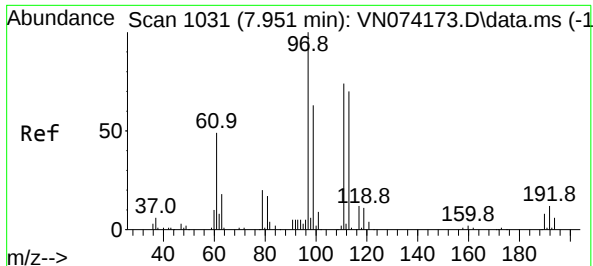
Tgt Ion: 65 Resp: 169172
Ion Ratio Lower Upper
65 100
67 56.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 114 Resp: 449617
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.271 ug/l

RT: 7.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02-GR

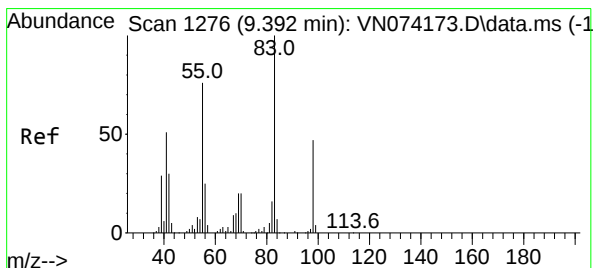
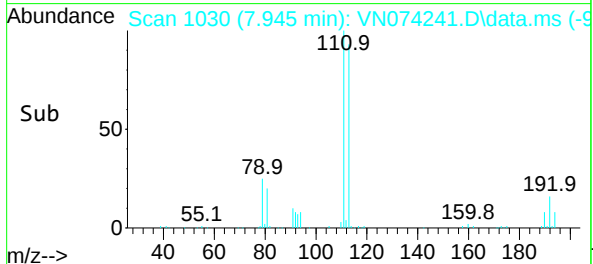
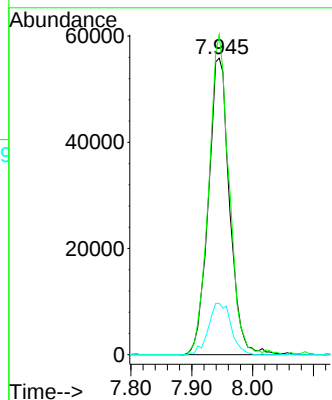
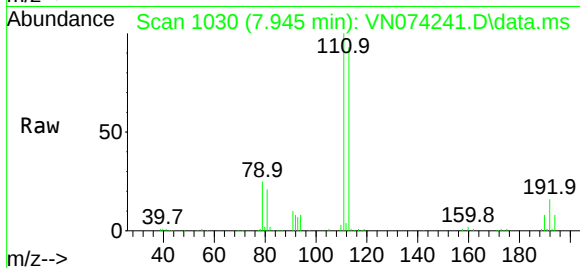
Tgt Ion:113 Resp: 135377

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 18.5 17.0 25.6



#39

Methylcyclohexane

Concen: 5.880 ug/l

RT: 9.386 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

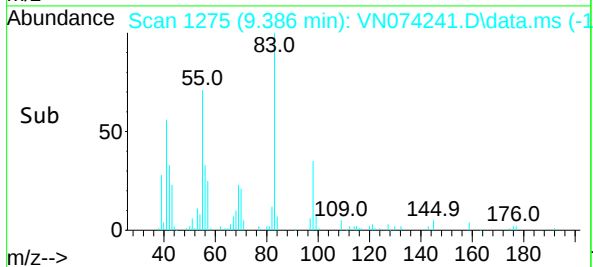
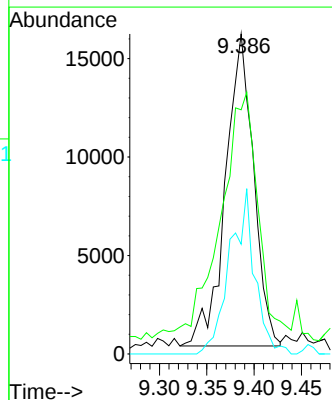
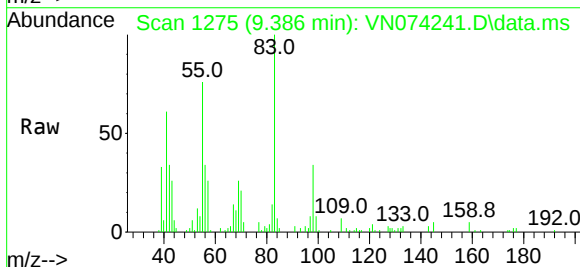
Tgt Ion: 83 Resp: 32765

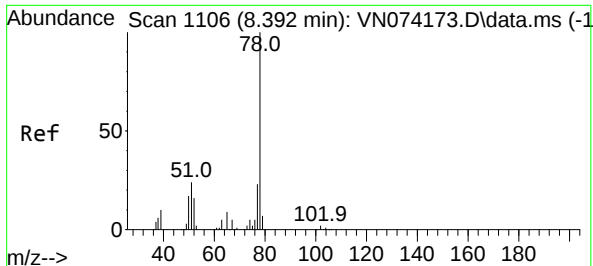
Ion Ratio Lower Upper

83 100

55 69.7 57.8 86.8

98 35.2 39.4 59.2#

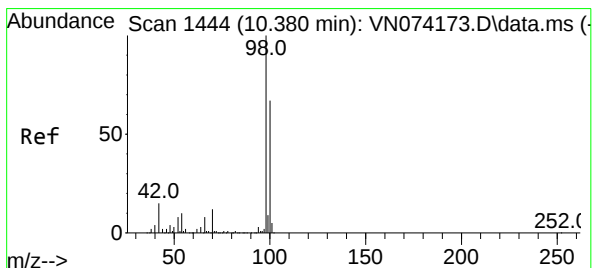
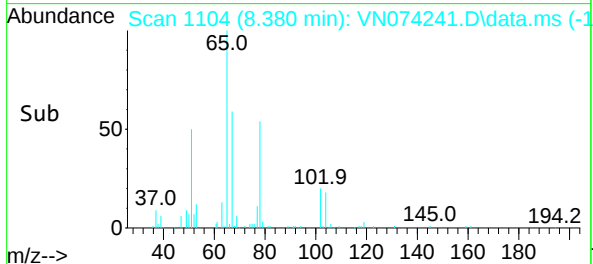
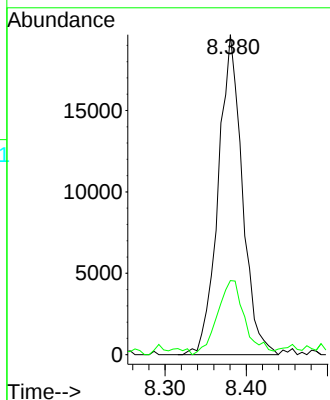
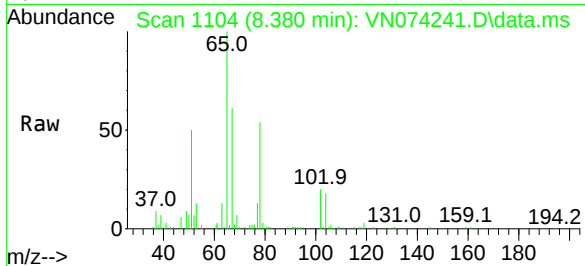




#40
Benzene
Concen: 2.713 ug/l
RT: 8.380 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

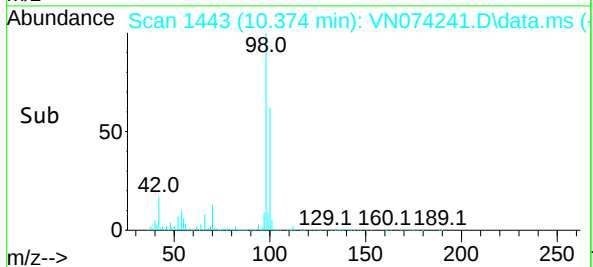
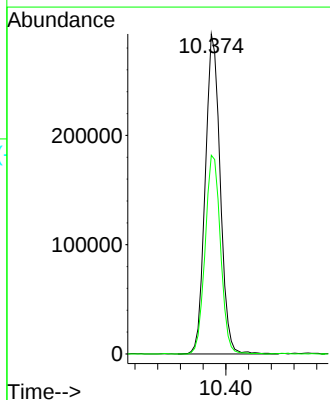
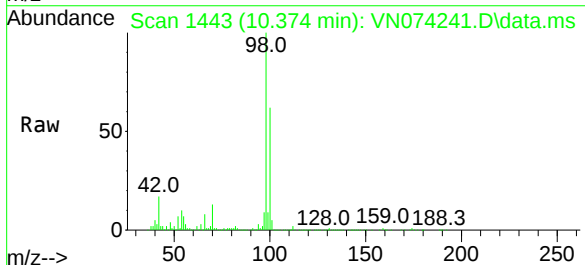
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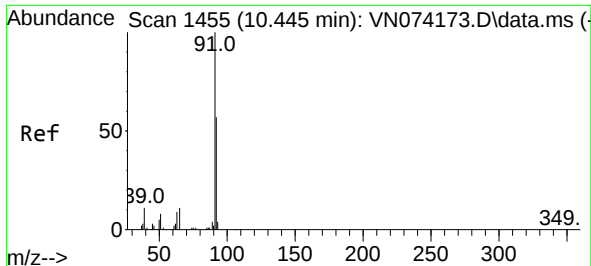
Tgt Ion: 78 Resp: 40441
Ion Ratio Lower Upper
78 100
77 21.4 19.4 29.0



#50
Toluene-d8
Concen: 46.223 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 98 Resp: 532585
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8

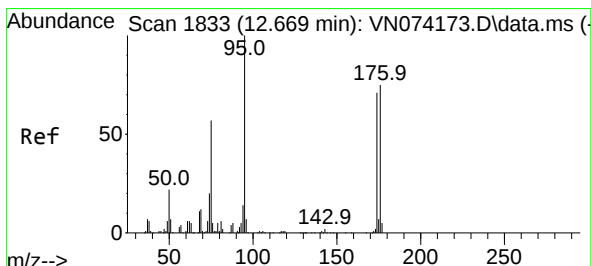
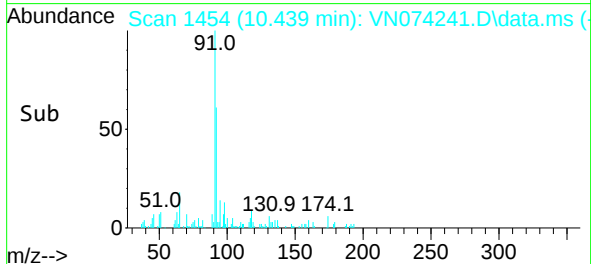
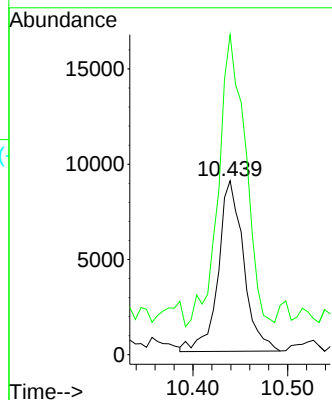
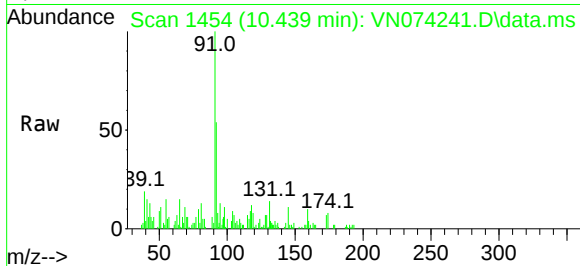




#52
Toluene
Concen: 1.901 ug/l
RT: 10.439 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

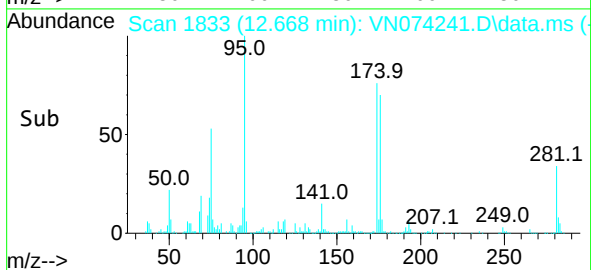
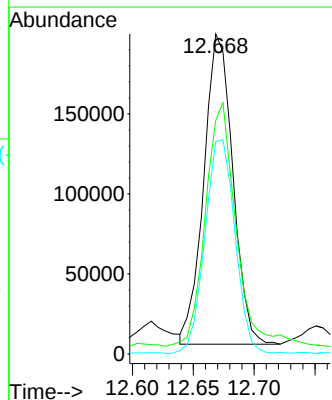
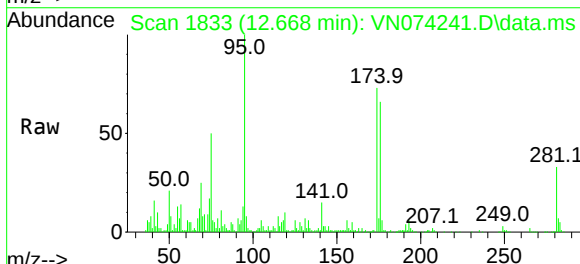
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MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

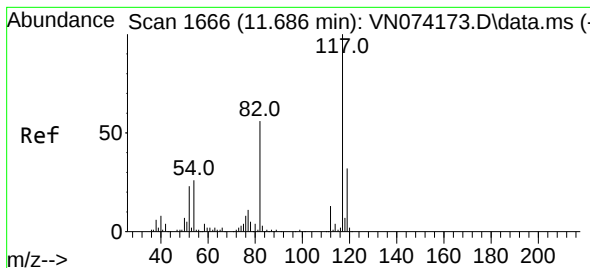
Tgt Ion: 92 Resp: 16699
Ion Ratio Lower Upper
92 100
91 183.1 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 91.527 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 95 Resp: 320701
Ion Ratio Lower Upper
95 100
174 89.2 0.0 167.6
176 71.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02-GR

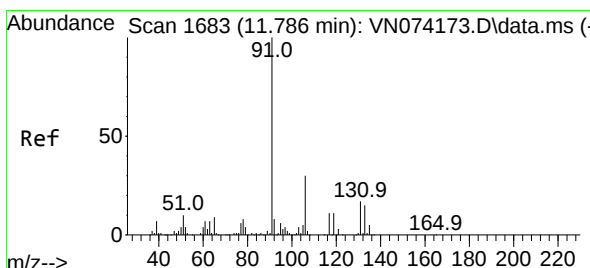
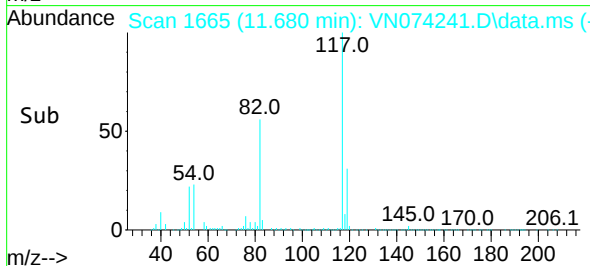
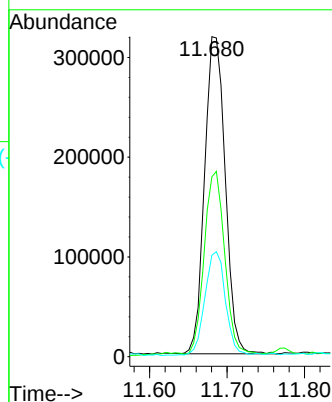
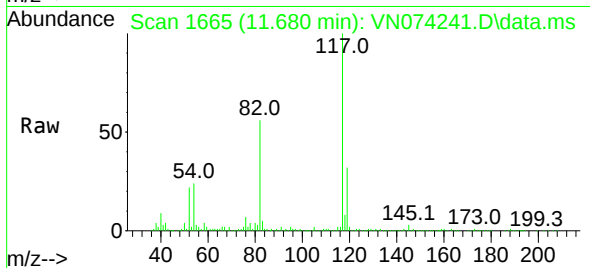
Tgt Ion:117 Resp: 588730

Ion Ratio Lower Upper

117 100

82 55.6 44.2 66.2

119 31.4 25.4 38.0



#67

Ethyl Benzene

Concen: 1.810 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VN074241.D

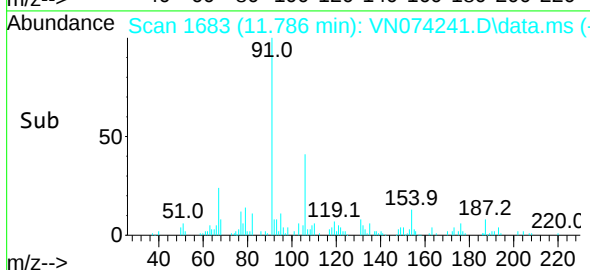
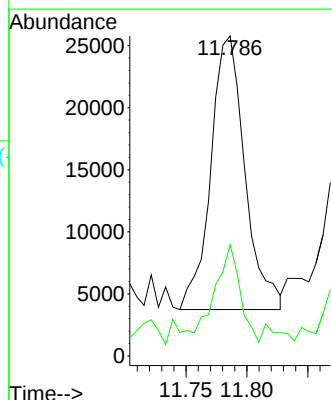
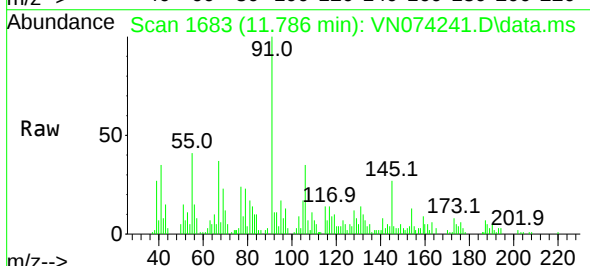
Acq: 01 Sep 2022 14:41

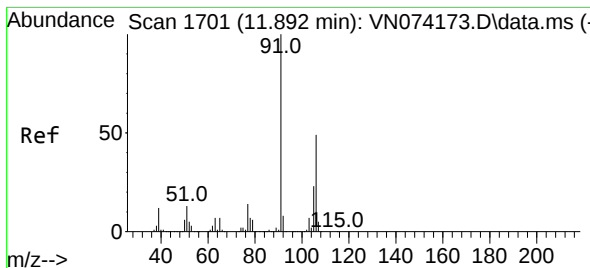
Tgt Ion: 91 Resp: 43028

Ion Ratio Lower Upper

91 100

106 32.3 24.9 37.3





#68

m/p-Xylenes

Concen: 4.746 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

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ClientSampleId :

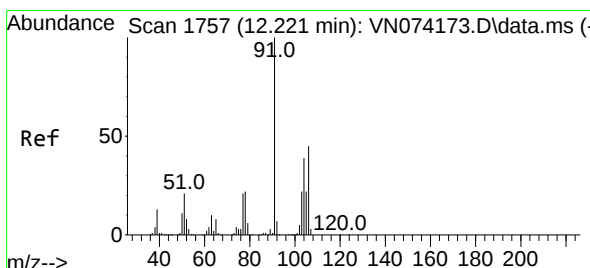
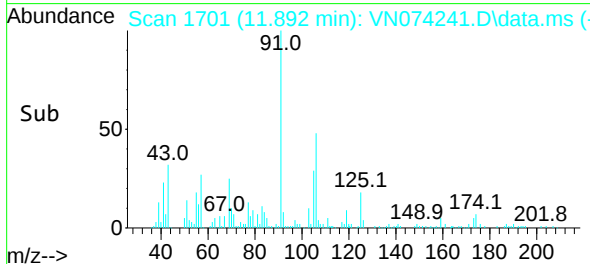
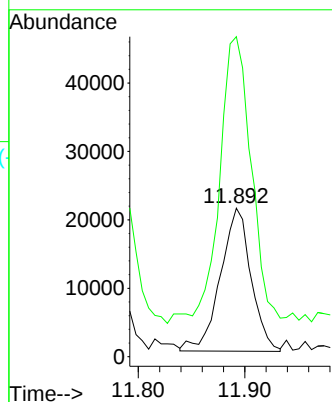
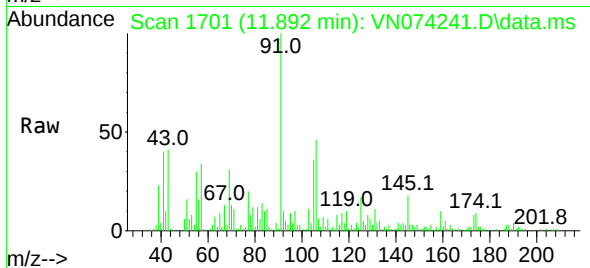
WC-PALM-SP-02-GR

Tgt Ion:106 Resp: 41913

Ion Ratio Lower Upper

106 100

91 228.7 158.9 238.3



#69

o-Xylene

Concen: 1.365 ug/l

RT: 12.221 min Scan# 1757

Delta R.T. -0.000 min

Lab File: VN074241.D

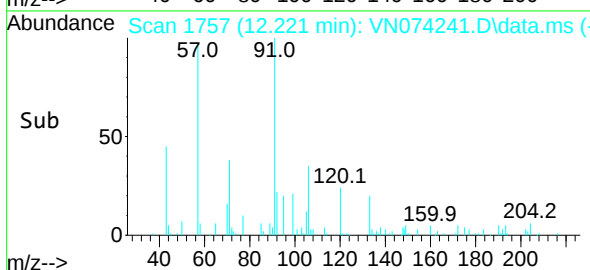
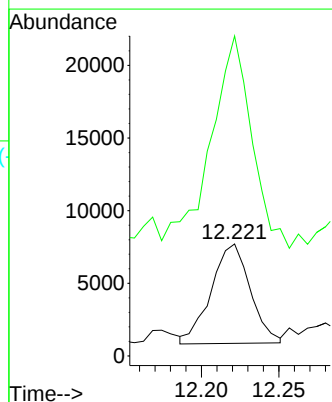
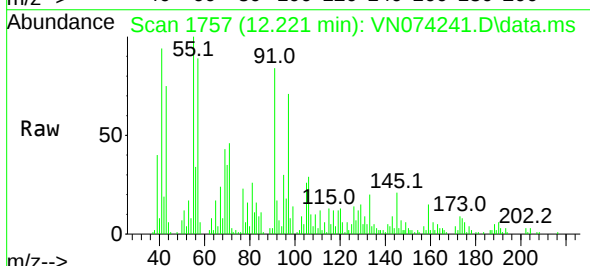
Acq: 01 Sep 2022 14:41

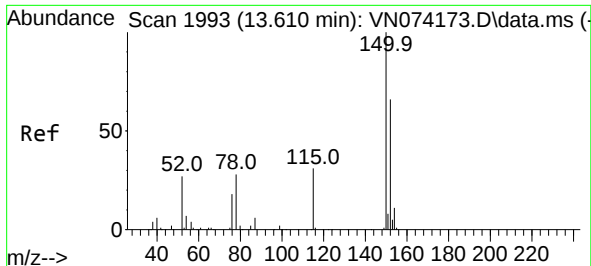
Tgt Ion:106 Resp: 12014

Ion Ratio Lower Upper

106 100

91 229.3 106.0 318.0

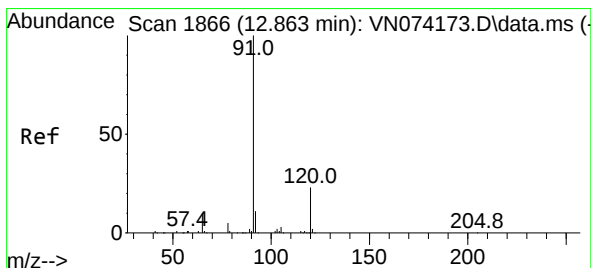
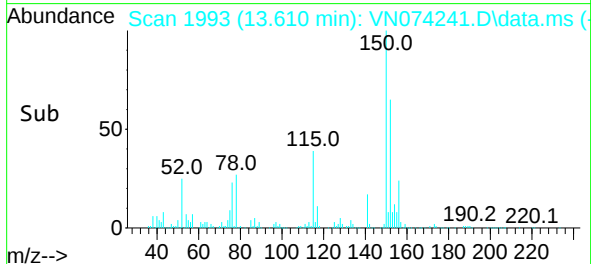
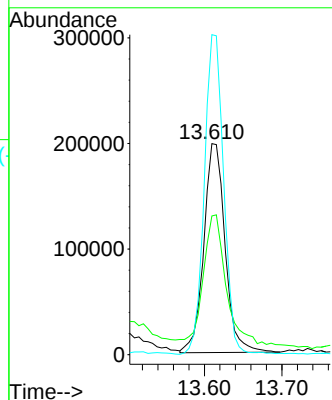
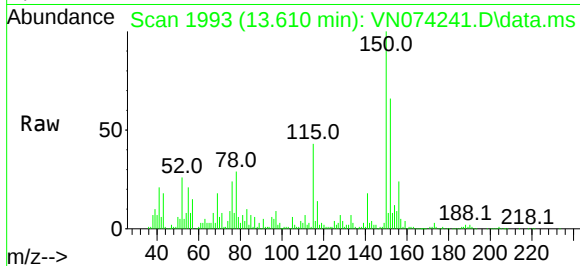




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

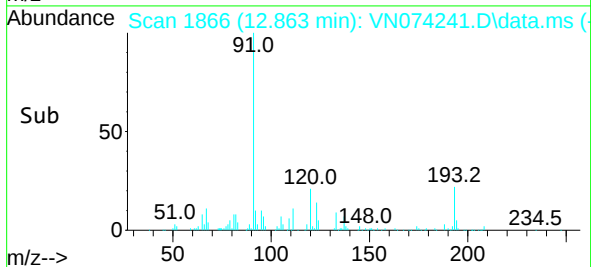
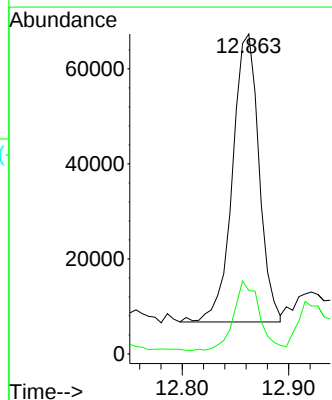
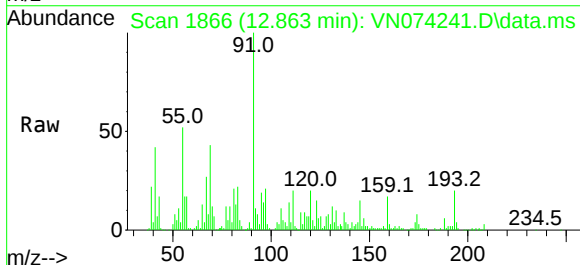
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

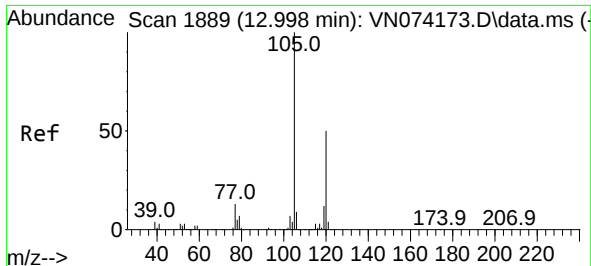
Tgt Ion:152 Resp: 377915
Ion Ratio Lower Upper
152 100
115 75.1 28.9 86.7
150 139.7 0.0 356.2



#78
n-propylbenzene
Concen: 2.843 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 91 Resp: 104899
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5

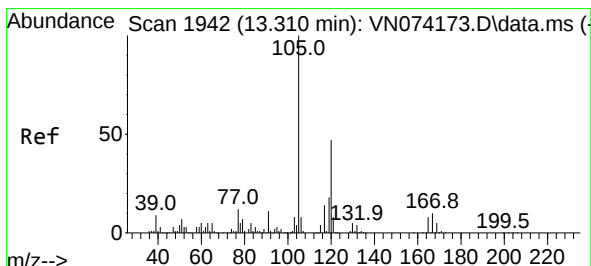
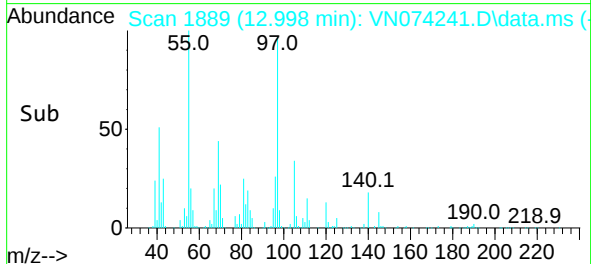
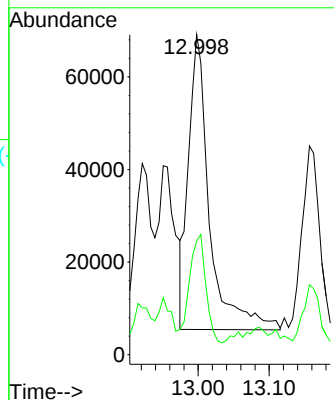
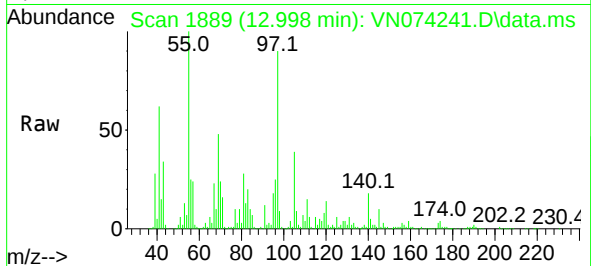




#80
 1,3,5-Trimethylbenzene
 Concen: 4.952 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: VN074241.D
 Acq: 01 Sep 2022 14:41

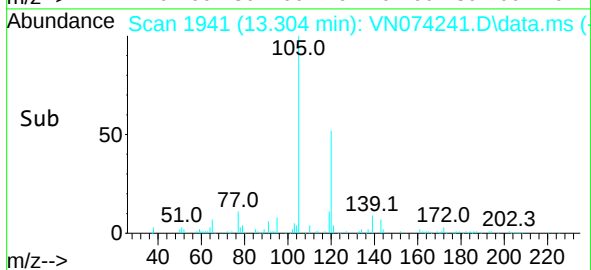
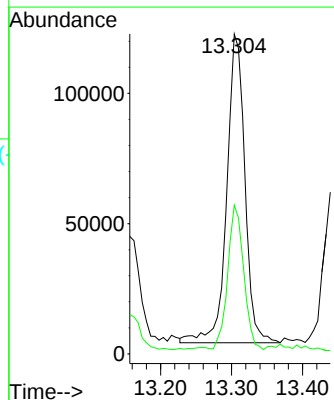
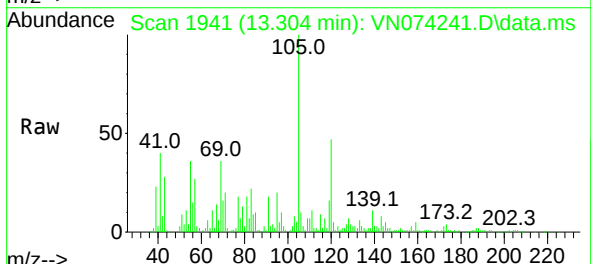
Instrument : MSVOA_N
 ClientSampleId : WC-PALM-SP-02-GR

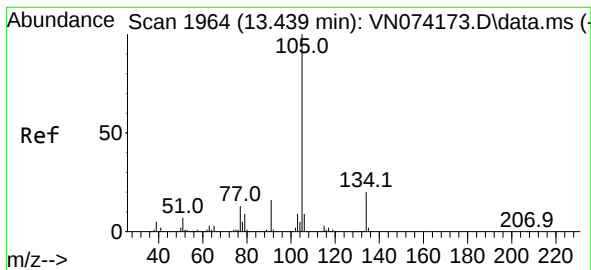
Tgt Ion:105 Resp: 130337
 Ion Ratio Lower Upper
 105 100
 120 29.0 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 8.287 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.006 min
 Lab File: VN074241.D
 Acq: 01 Sep 2022 14:41

Tgt Ion:105 Resp: 210515
 Ion Ratio Lower Upper
 105 100
 120 41.1 23.3 69.8





#85

sec-Butylbenzene

Concen: 2.695 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN074241.D

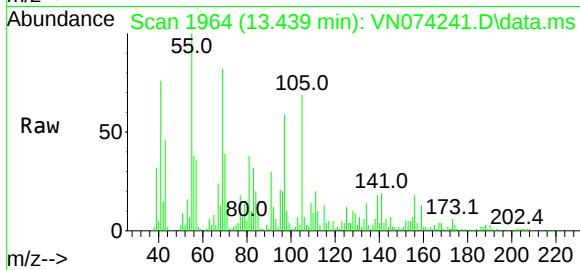
Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02-GR



Tgt Ion:105 Resp: 85114

Ion Ratio Lower Upper

105 100

134 31.9 10.4 31.1#

