

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074240.D
 Acq On : 01 Sep 2022 14:16
 Operator : JC\MD
 Sample : N4421-04
 Misc : 4.77g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-01-GR

Quant Time: Sep 01 16:15:57 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)

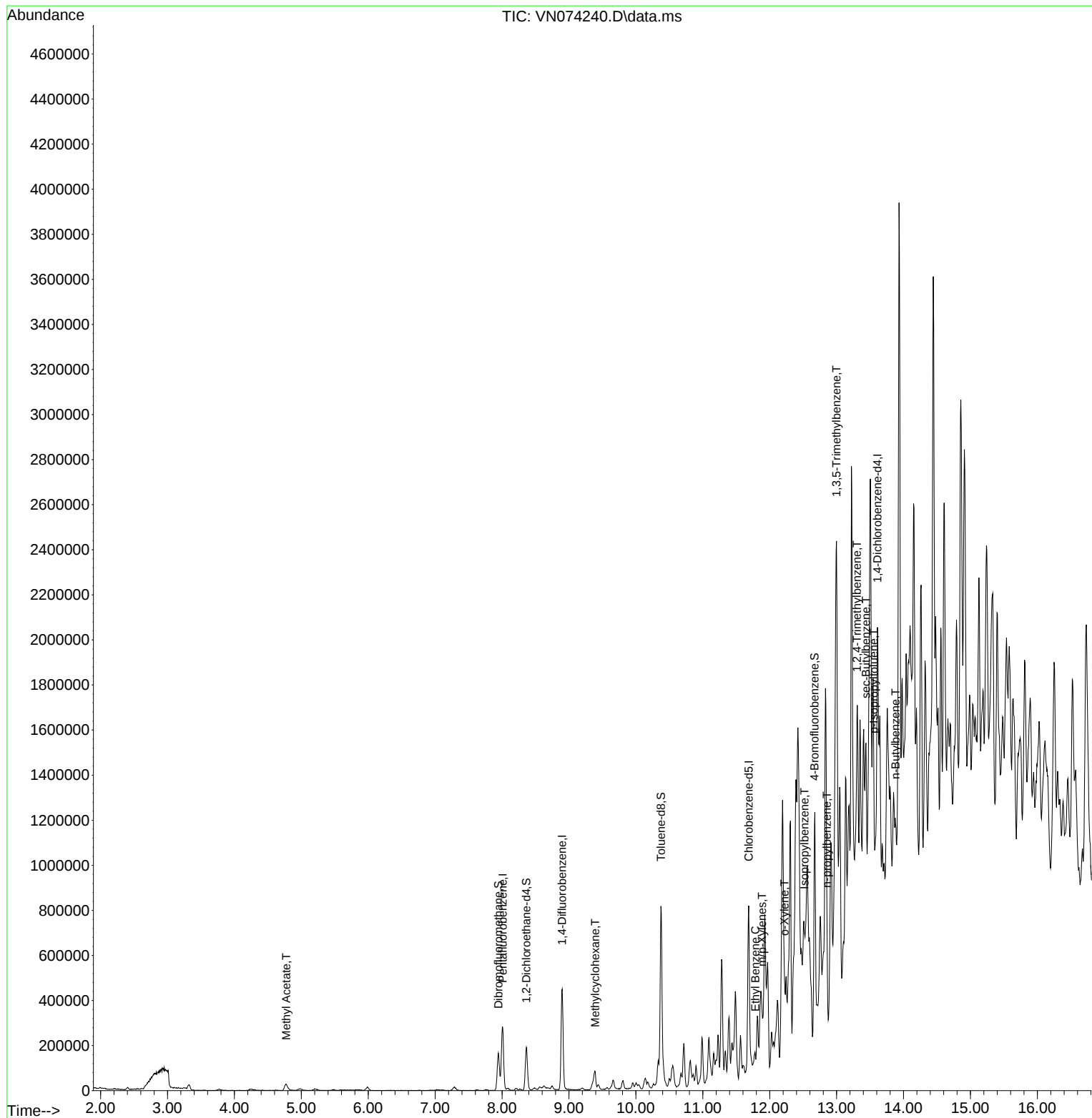
Internal Standards						
1) Pentafluorobenzene	8.010	168	208191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	388589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	409071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	303554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	138428	42.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.720%
35) Dibromofluoromethane	7.945	113	112924	44.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.320%
50) Toluene-d8	10.375	98	437734	43.958	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.920%
62) 4-Bromofluorobenzene	12.668	95	234990	77.598	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	155.200%#
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.775	43	63184	9.937	ug/l #	87
39) Methylcyclohexane	9.392	83	31932	6.630	ug/l	96
67) Ethyl Benzene	11.786	91	20639	1.249	ug/l	98
68) m/p-Xylenes	11.886	106	22075	3.597	ug/l	100
69) o-Xylene	12.221	106	21462	3.510	ug/l	94
73) Isopropylbenzene	12.521	105	64422	2.478	ug/l	98
78) n-propylbenzene	12.857	91	117124	3.953	ug/l	93
80) 1,3,5-Trimethylbenzene	12.998	105	172870	8.177	ug/l	100
84) 1,2,4-Trimethylbenzene	13.304	105	473601	23.210	ug/l	99
85) sec-Butylbenzene	13.439	105	194426	7.664	ug/l	78
86) p-Isopropyltoluene	13.557	119	117488	5.952	ug/l	95
89) n-Butylbenzene	13.880	91	80576	4.687	ug/l #	75

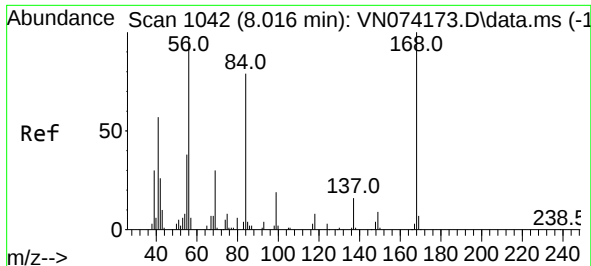
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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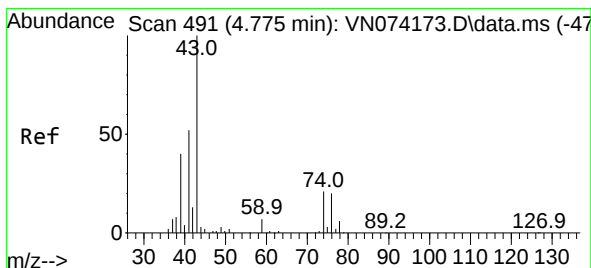
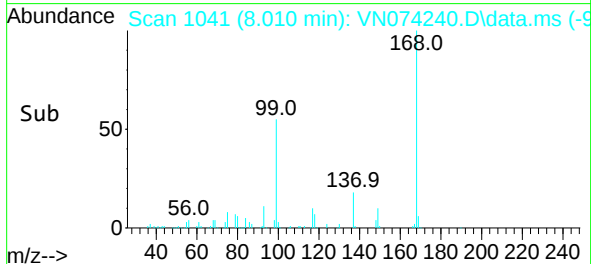
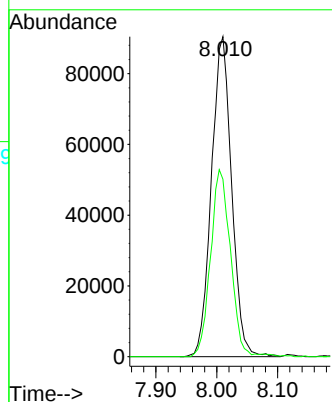
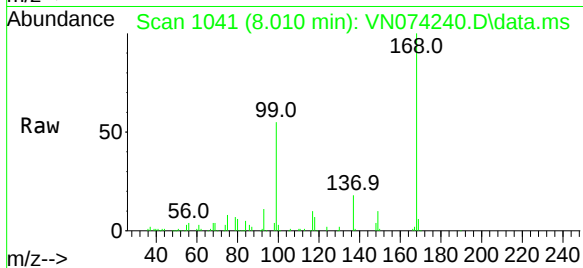




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

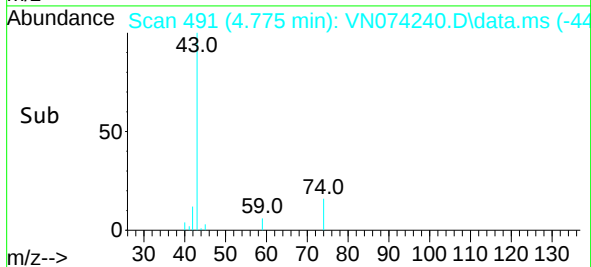
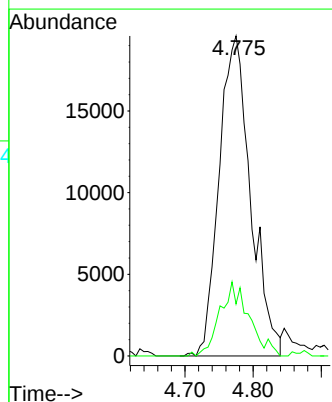
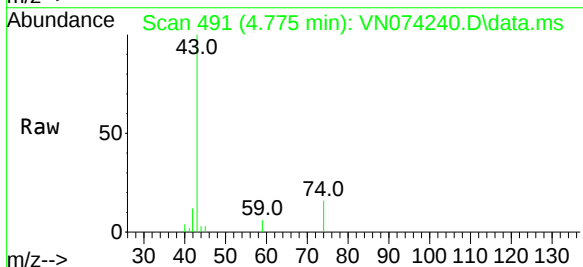
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

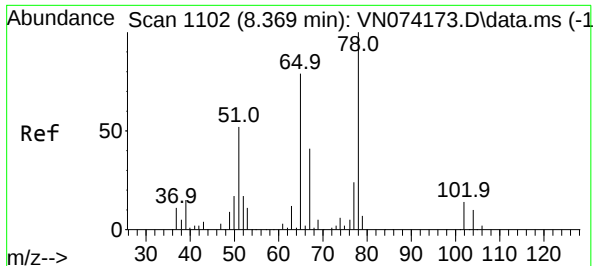
Tgt Ion:168 Resp: 208191
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5



#18
Methyl Acetate
Concen: 9.937 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 43 Resp: 63184
Ion Ratio Lower Upper
43 100
74 20.1 21.6 32.4#





#33

1,2-Dichloroethane-d4

Concen: 42.863 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

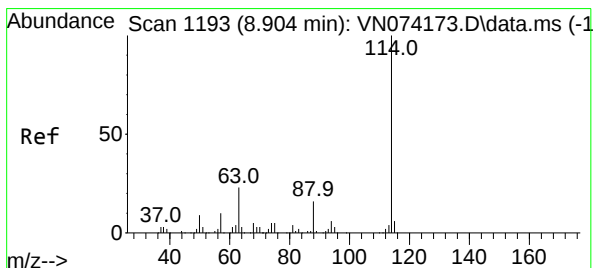
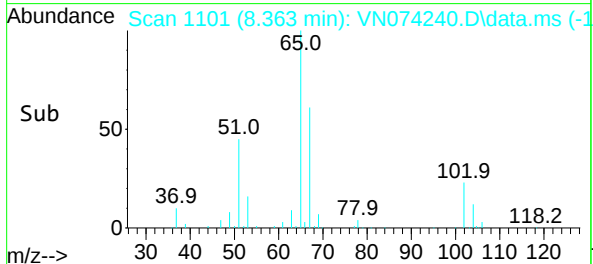
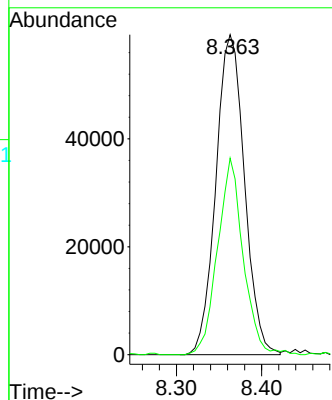
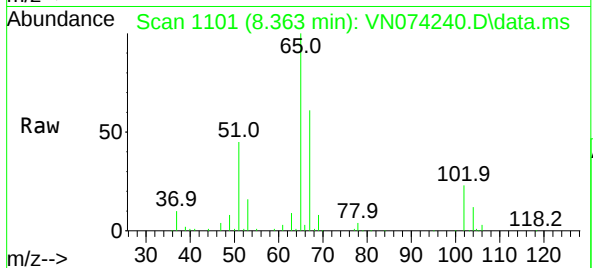
WC-PALM-SP-01-GR

Tgt Ion: 65 Resp: 138428

Ion Ratio Lower Upper

65 100

67 55.0 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: VN074240.D

Acq: 01 Sep 2022 14:16

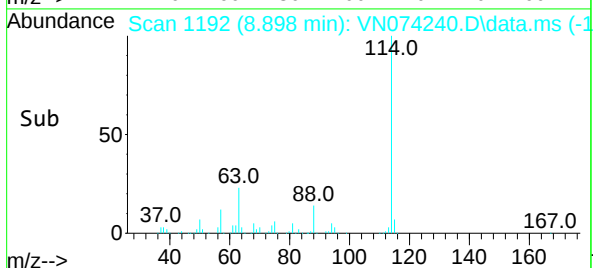
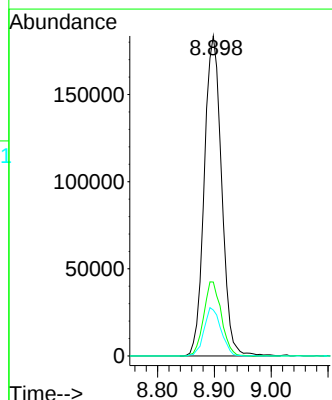
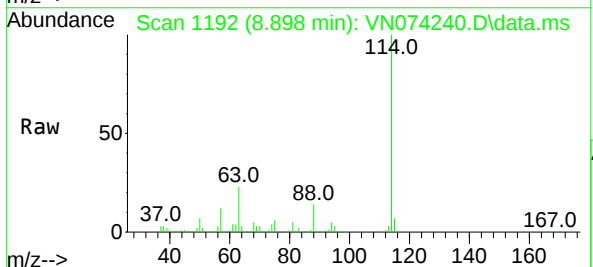
Tgt Ion: 114 Resp: 388589

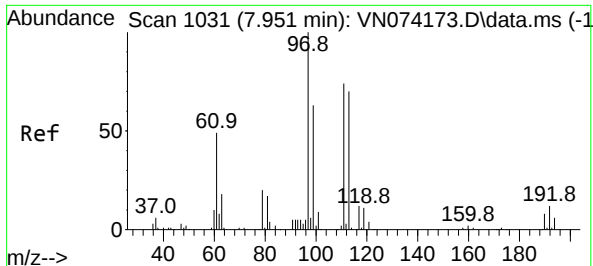
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.658 ug/l

RT: 7.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

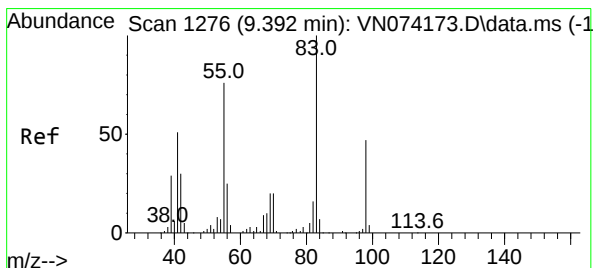
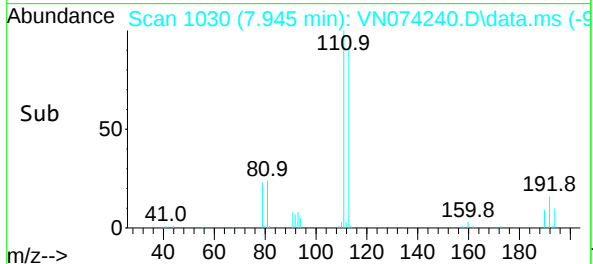
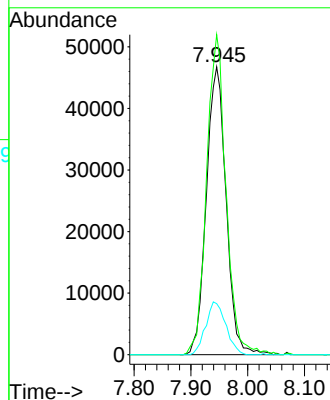
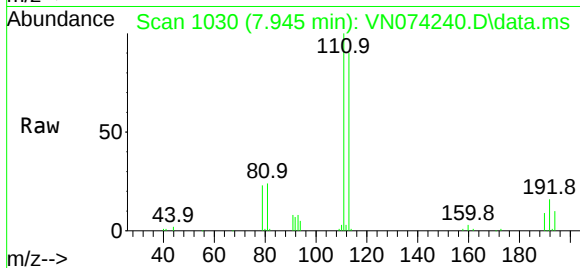
Tgt Ion:113 Resp: 112924

Ion Ratio Lower Upper

113 100

111 109.0 81.4 122.0

192 18.7 17.0 25.6



#39

Methylcyclohexane

Concen: 6.630 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. -0.000 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

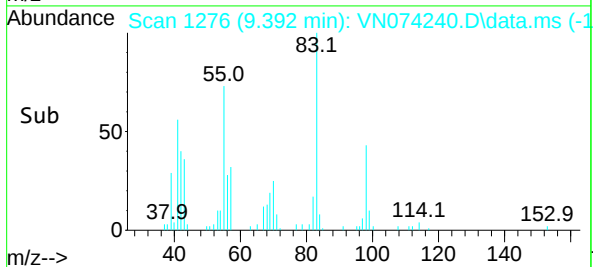
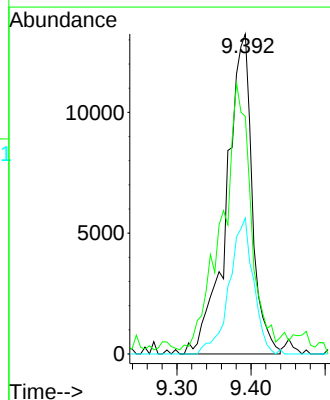
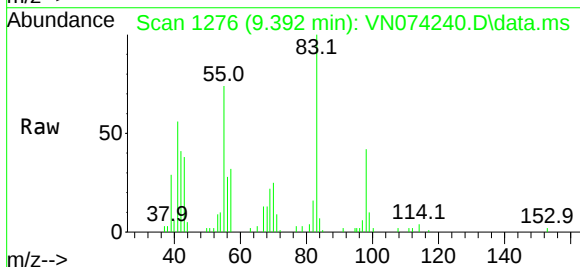
Tgt Ion: 83 Resp: 31932

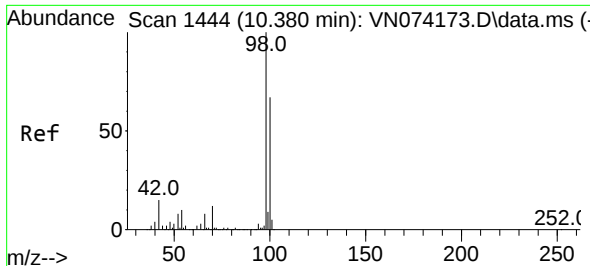
Ion Ratio Lower Upper

83 100

55 72.9 57.8 86.8

98 42.5 39.4 59.2

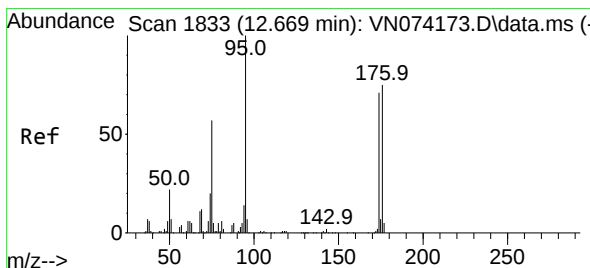
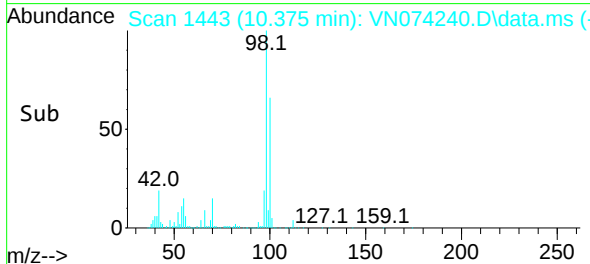
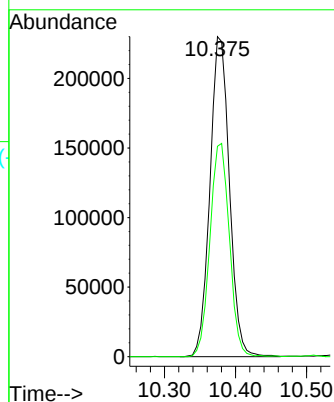
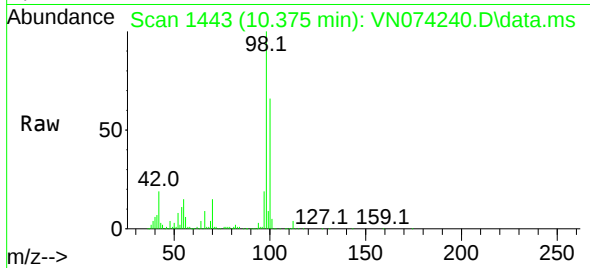




#50
Toluene-d8
Concen: 43.958 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

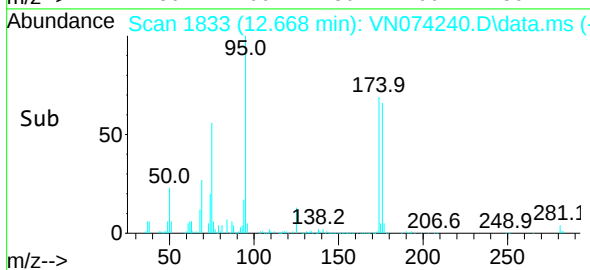
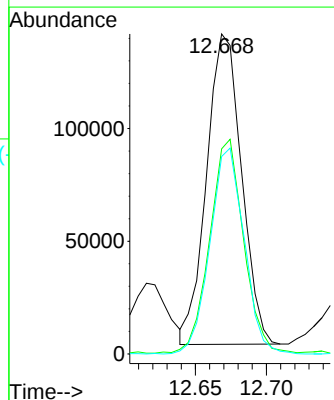
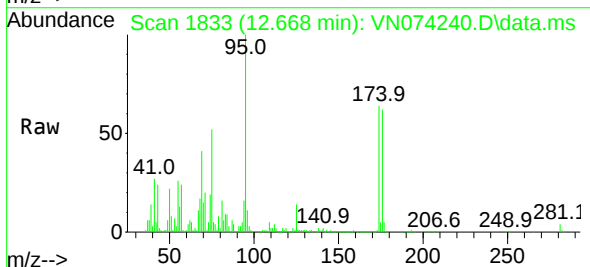
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

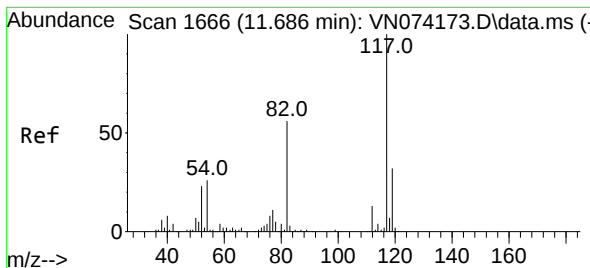
Tgt Ion: 98 Resp: 437734
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 77.598 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 95 Resp: 234990
Ion Ratio Lower Upper
95 100
174 67.0 0.0 167.6
176 65.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

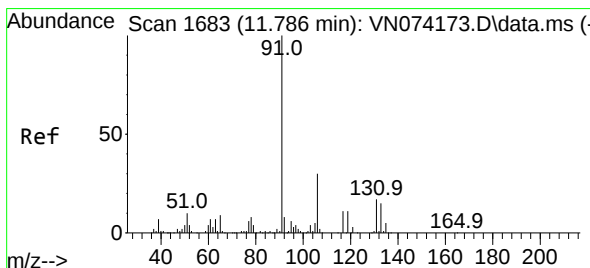
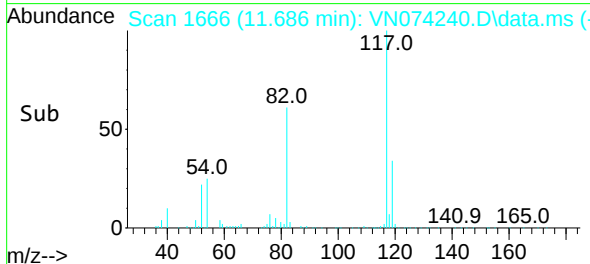
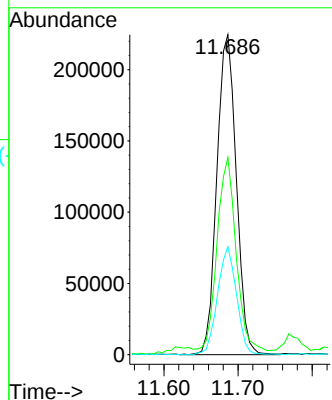
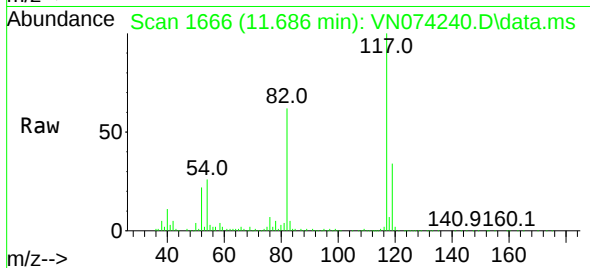
Tgt Ion:117 Resp: 409071

Ion Ratio Lower Upper

117 100

82 59.4 44.2 66.2

119 33.7 25.4 38.0



#67

Ethyl Benzene

Concen: 1.249 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VN074240.D

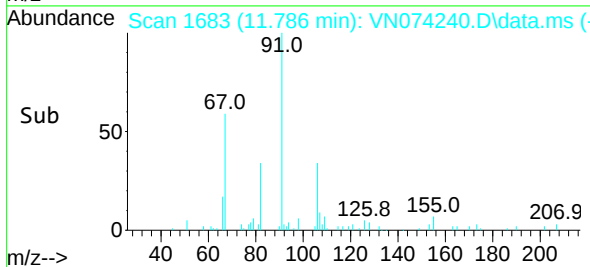
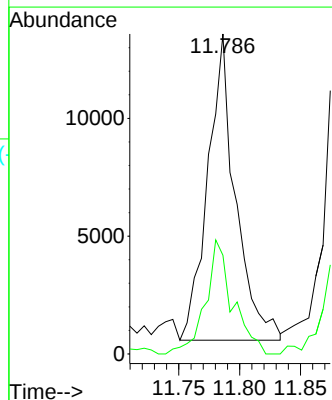
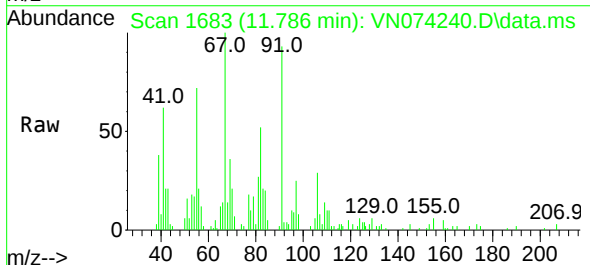
Acq: 01 Sep 2022 14:16

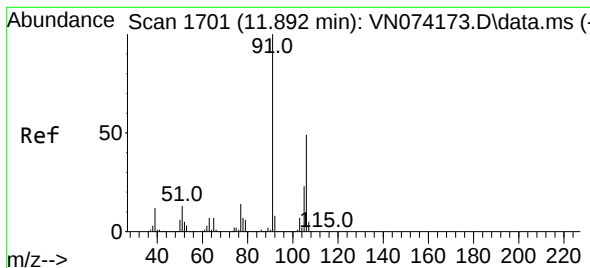
Tgt Ion: 91 Resp: 20639

Ion Ratio Lower Upper

91 100

106 32.3 24.9 37.3

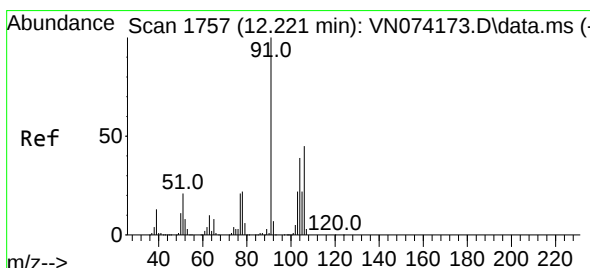
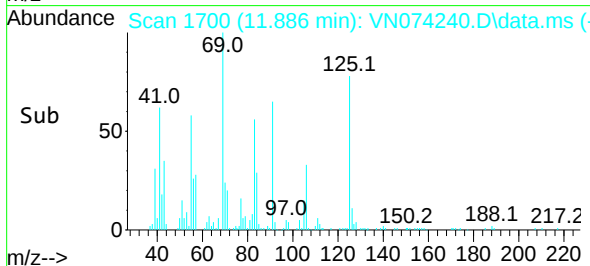
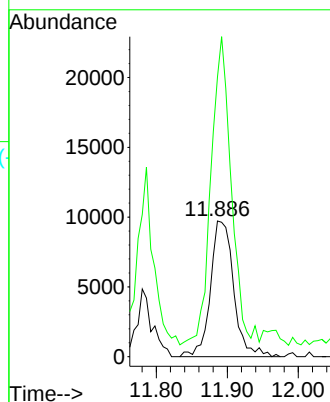
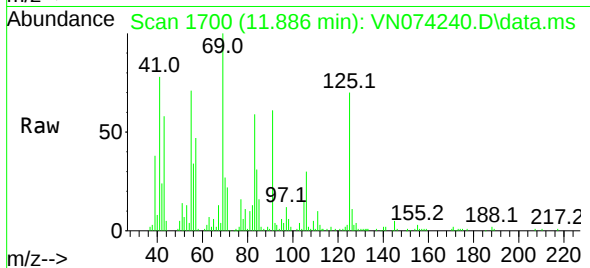




#68
m/p-Xylenes
Concen: 3.597 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

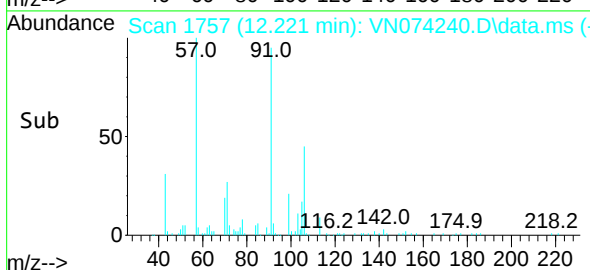
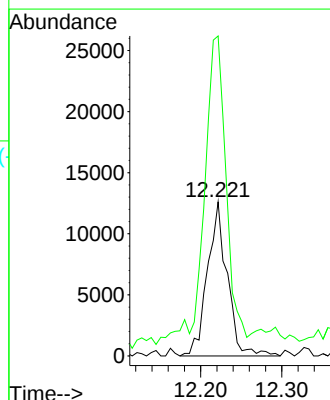
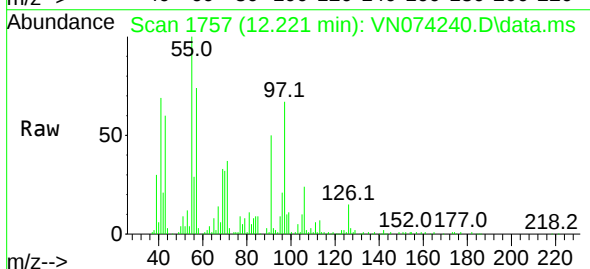
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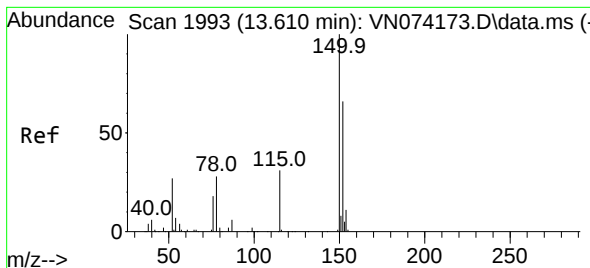
Tgt Ion:106 Resp: 22075
Ion Ratio Lower Upper
106 100
91 198.7 158.9 238.3



#69
o-Xylene
Concen: 3.510 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion:106 Resp: 21462
Ion Ratio Lower Upper
106 100
91 222.1 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

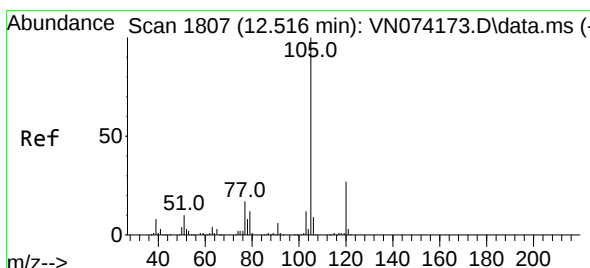
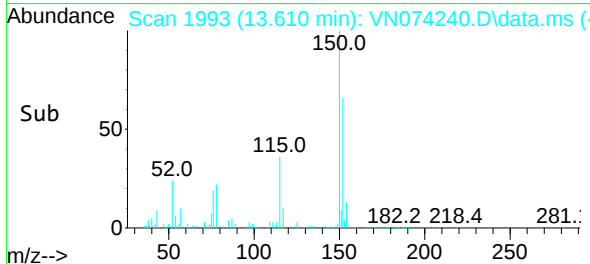
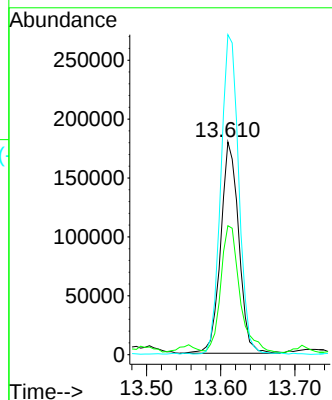
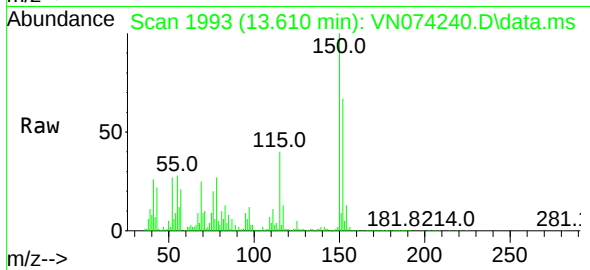
Tgt Ion:152 Resp: 303554

Ion Ratio Lower Upper

152 100

115 63.4 28.9 86.7

150 150.0 0.0 356.2



#73

Isopropylbenzene

Concen: 2.478 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN074240.D

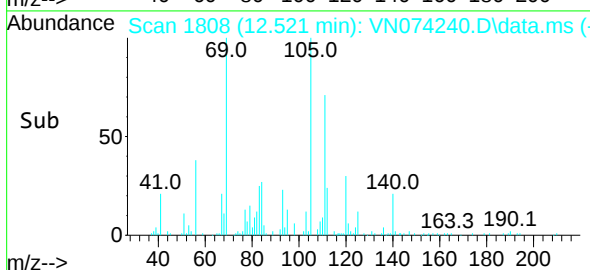
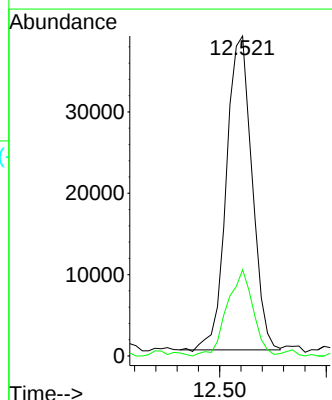
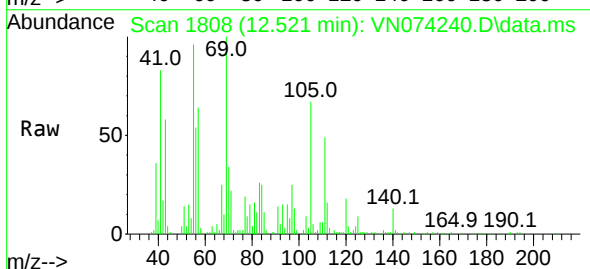
Acq: 01 Sep 2022 14:16

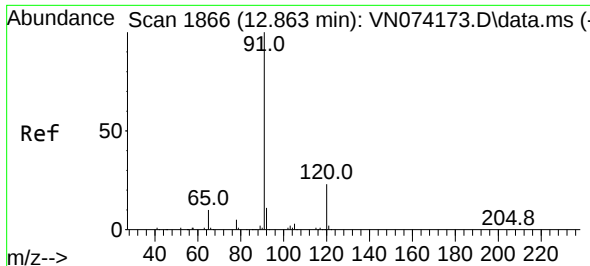
Tgt Ion:105 Resp: 64422

Ion Ratio Lower Upper

105 100

120 27.7 13.5 40.4

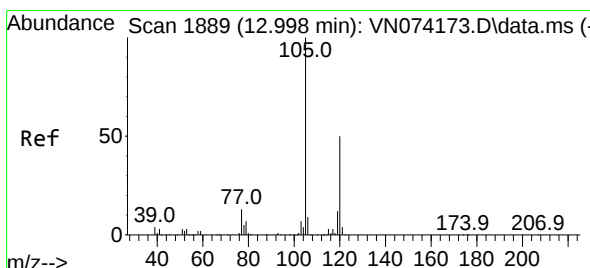
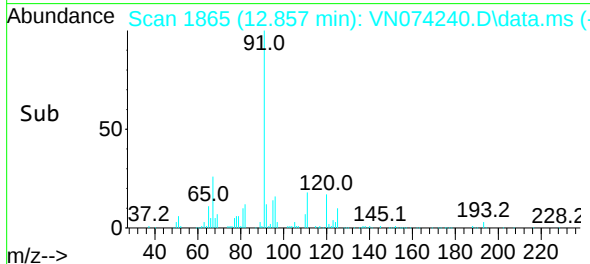
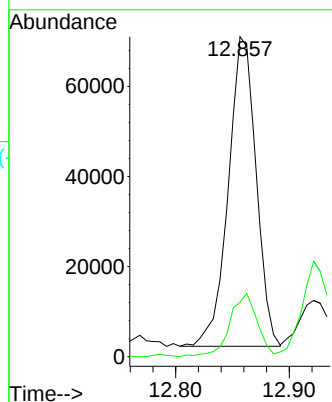
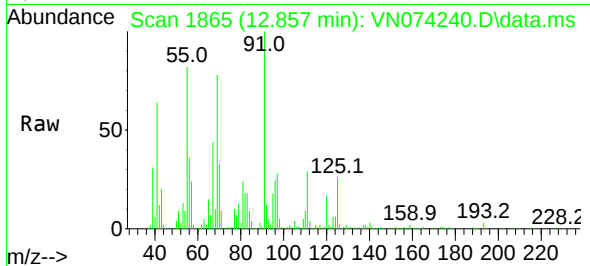




#78
n-propylbenzene
Concen: 3.953 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

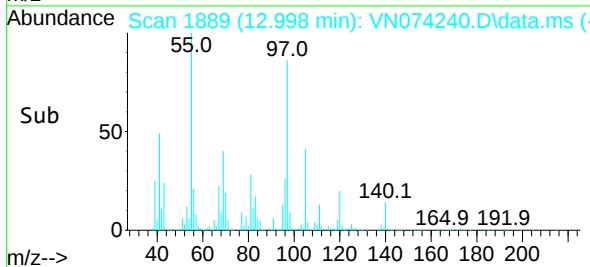
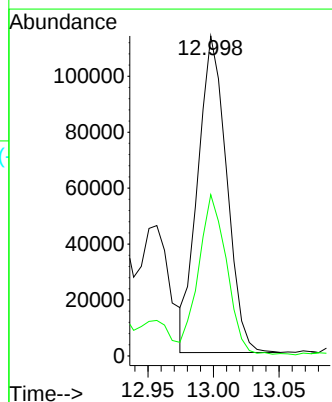
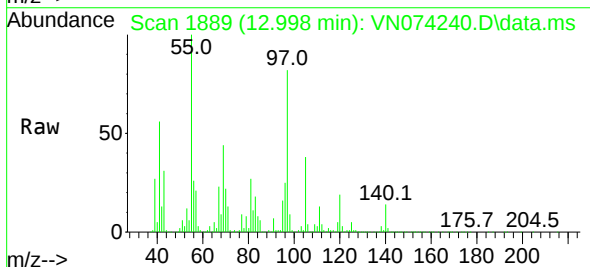
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

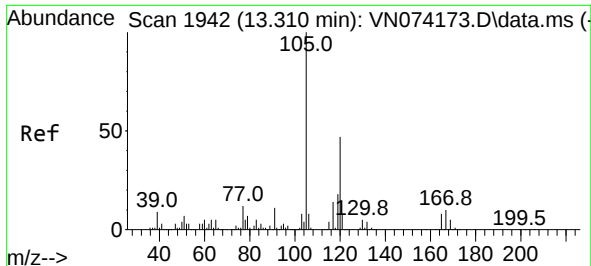
Tgt Ion: 91 Resp: 117124
Ion Ratio Lower Upper
91 100
120 20.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 8.177 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 105 Resp: 172870
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7

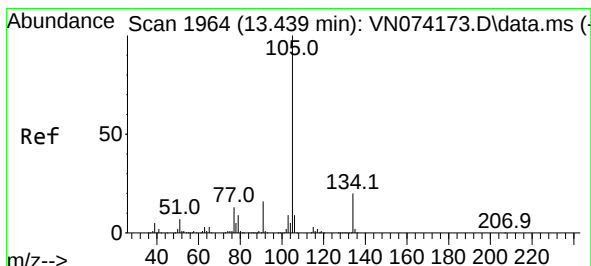
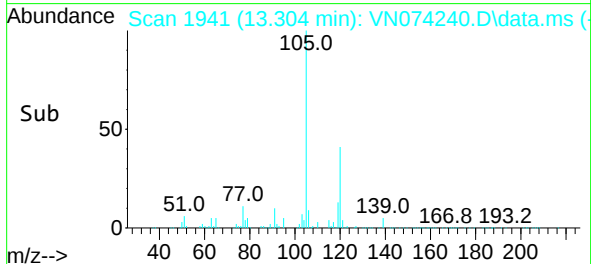
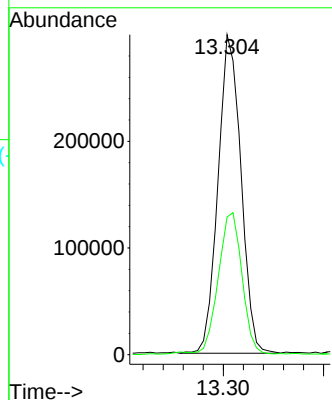
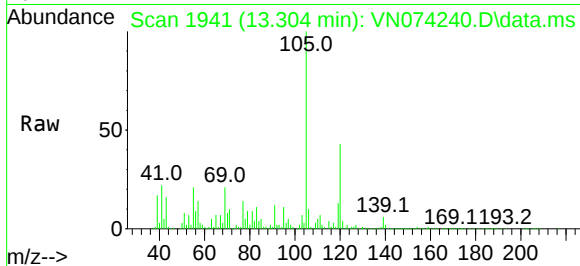




#84
1,2,4-Trimethylbenzene
Concen: 23.210 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

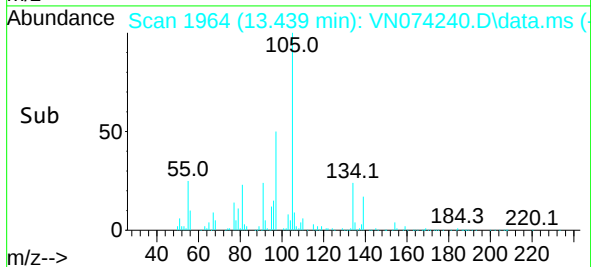
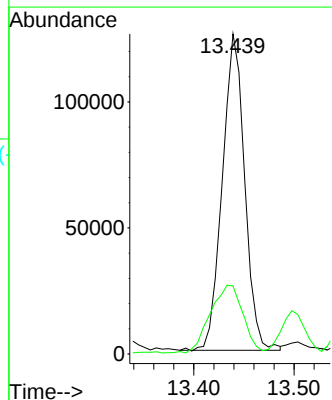
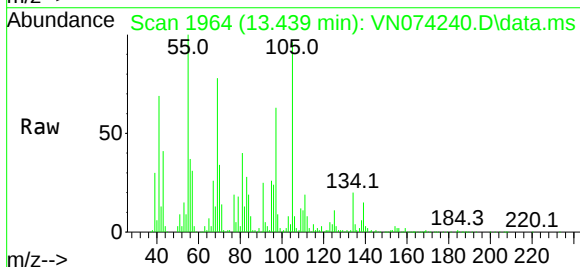
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

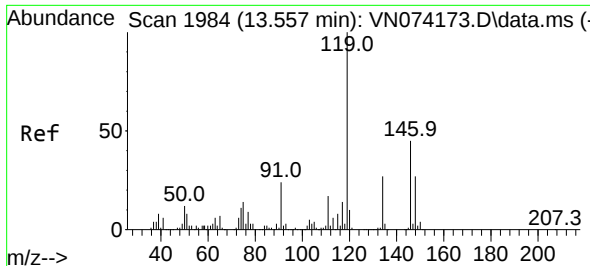
Tgt Ion:105 Resp: 473601
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8



#85
sec-Butylbenzene
Concen: 7.664 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion:105 Resp: 194426
Ion Ratio Lower Upper
105 100
134 31.0 10.4 31.1

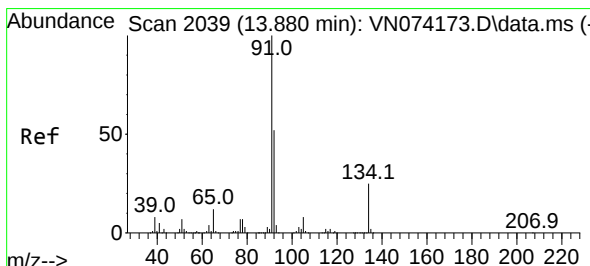
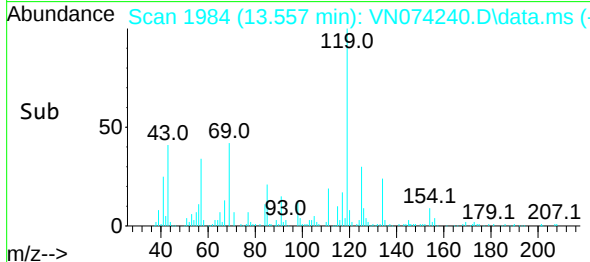
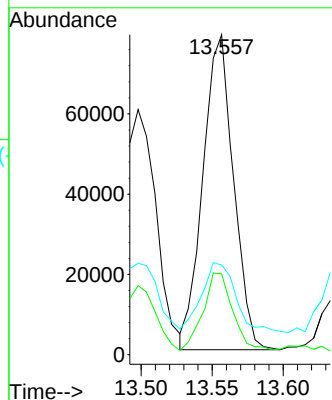
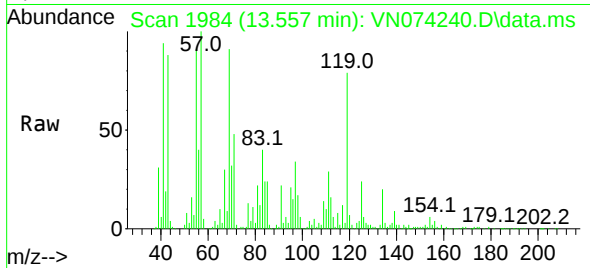




#86
p-Isopropyltoluene
Concen: 5.952 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

Tgt Ion:119 Resp: 117488
Ion Ratio Lower Upper
119 100
134 23.7 13.3 39.8
91 24.8 11.3 33.9



#89
n-Butylbenzene
Concen: 4.687 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 91 Resp: 80576
Ion Ratio Lower Upper
91 100
92 61.9 26.9 80.7
134 0.0 13.6 40.8#

