

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073325.D
 Acq On : 05 Jul 2022 19:14
 Operator : JC\MD
 Sample : N3564-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-11-3-GR

Quant Time: Jul 06 01:16:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

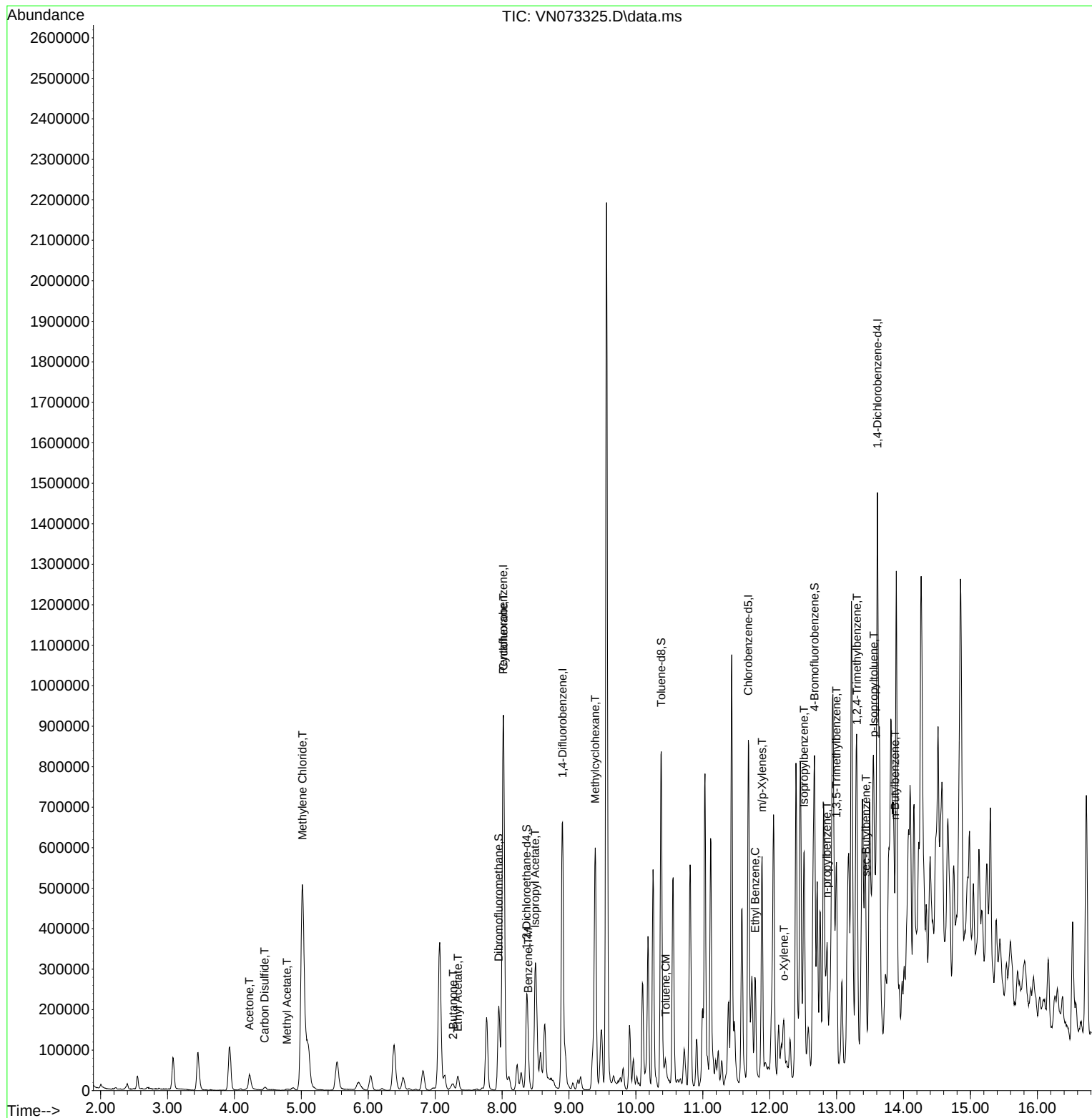
Internal Standards						
1) Pentafluorobenzene	8.016	168	287430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	479010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	441003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	225554	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	180679	43.544	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.080%		
35) Dibromofluoromethane	7.951	113	151981	47.689	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.380%		
50) Toluene-d8	10.380	98	516893	45.666	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.669	95	234606	53.935	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.860%		
Target Compounds					Qvalue	
16) Acetone	4.222	43	72463	31.112	ug/l	97
17) Carbon Disulfide	4.451	76	14862	1.694	ug/l	99
18) Methyl Acetate	4.787	43	9314	1.427	ug/l	# 62
20) Methylene Chloride	5.016	84	406760	99.374	ug/l	88
25) 2-Butanone	7.269	43	23225	6.263	ug/l	# 82
31) Cyclohexane	8.022	56	340572	50.116	ug/l	95
37) Ethyl Acetate	7.340	43	59396	8.016	ug/l	96
39) Methylcyclohexane	9.392	83	263423	43.148	ug/l	95
40) Benzene	8.392	78	56574	3.738	ug/l	97
43) Isopropyl Acetate	8.492	43	234062	21.981	ug/l	# 85
52) Toluene	10.445	92	25859	2.765	ug/l	94
67) Ethyl Benzene	11.780	91	141862	7.835	ug/l	98
68) m/p-Xylenes	11.886	106	157388	23.031	ug/l	99
69) o-Xylene	12.216	106	10366	1.486	ug/l	93
73) Isopropylbenzene	12.516	105	190781	9.795	ug/l	98
78) n-propylbenzene	12.857	91	220381	10.185	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	222636	14.024	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	85192	5.375	ug/l	100
85) sec-Butylbenzene	13.439	105	51565	2.698	ug/l	80
86) p-Isopropyltoluene	13.557	119	30963	2.006	ug/l	89
89) n-Butylbenzene	13.874	91	29700	2.309	ug/l	# 78

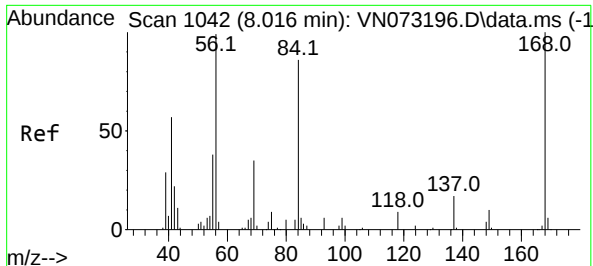
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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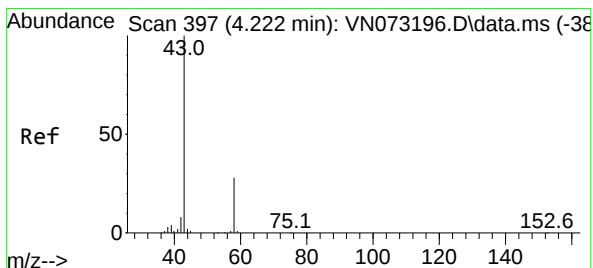
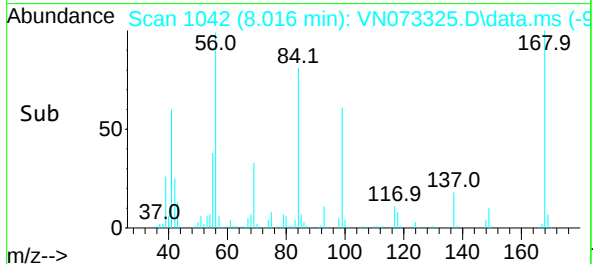
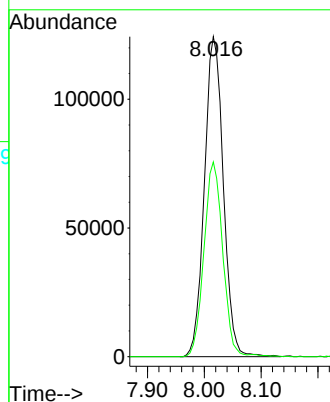
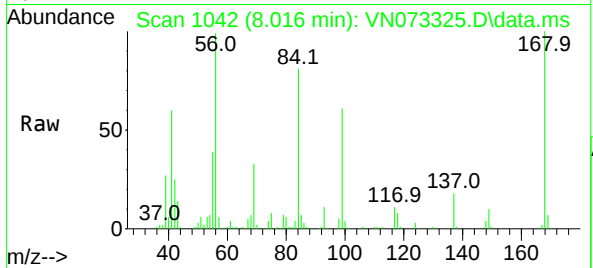




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

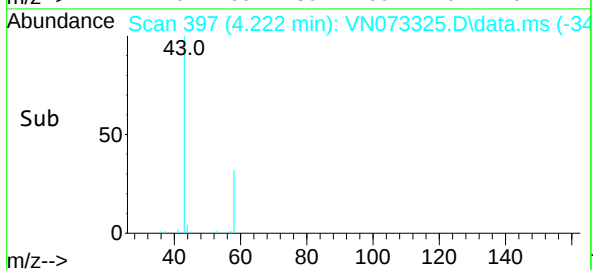
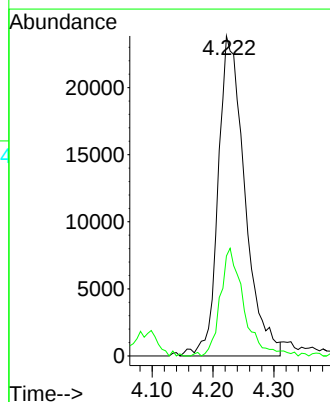
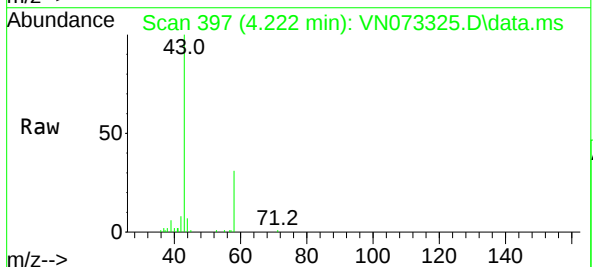
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-3-GR

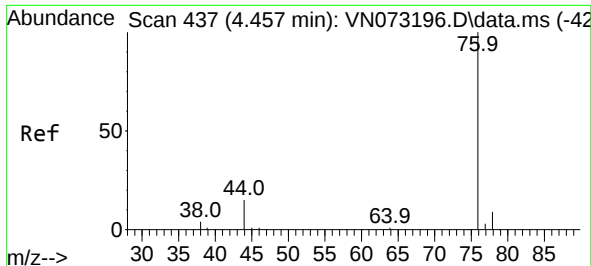
Tgt Ion:168 Resp: 287430
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5



#16
Acetone
Concen: 31.112 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 43 Resp: 72463
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0

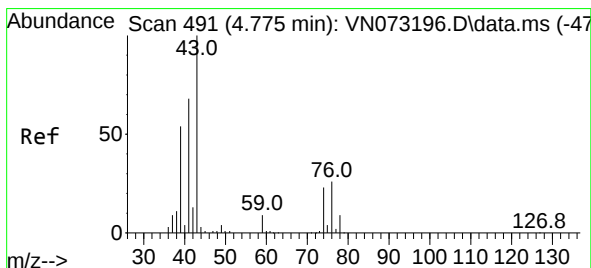
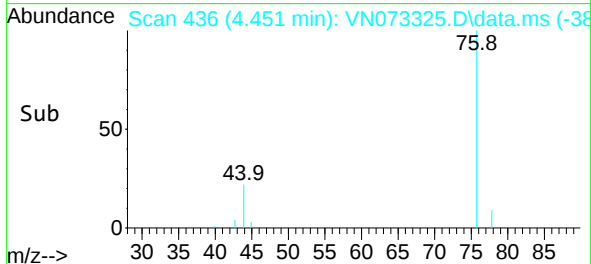
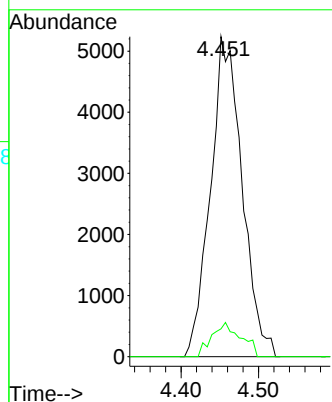
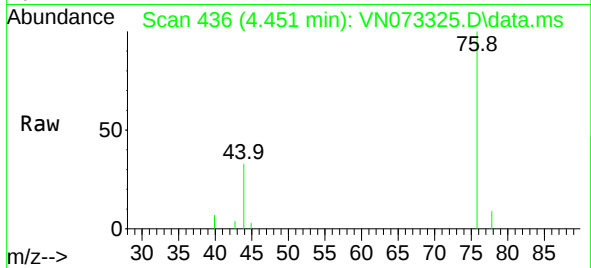




#17
Carbon Disulfide
Concen: 1.694 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

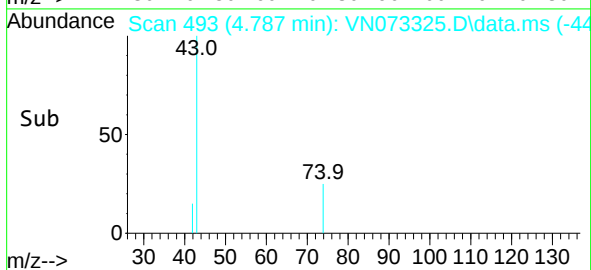
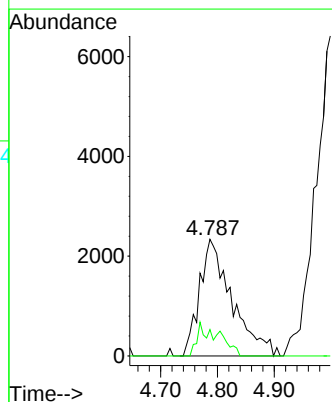
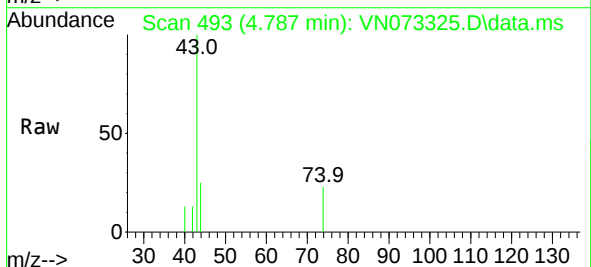
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-3-GR

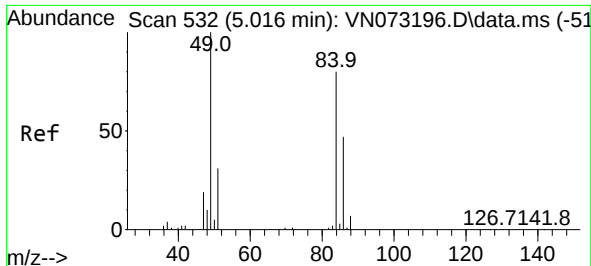
Tgt Ion: 76 Resp: 14862
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 1.427 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.012 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 43 Resp: 9314
Ion Ratio Lower Upper
43 100
74 7.4 21.6 32.4#





#20

Methylene Chloride

Concen: 99.374 ug/l

RT: 5.016 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN073325.D

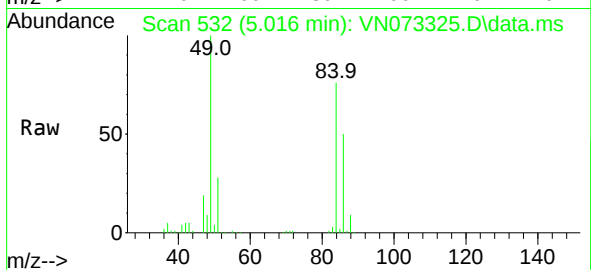
Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-11-3-GR



Tgt Ion: 84 Resp: 406760

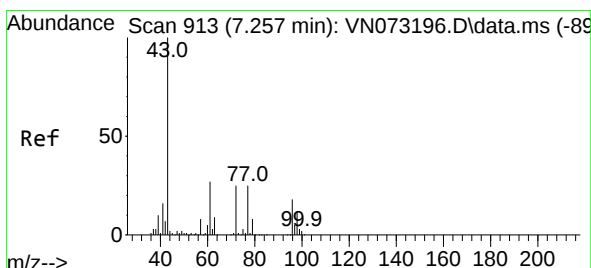
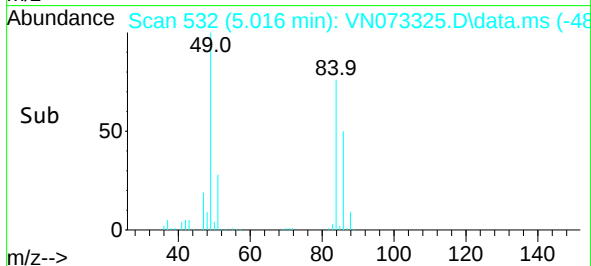
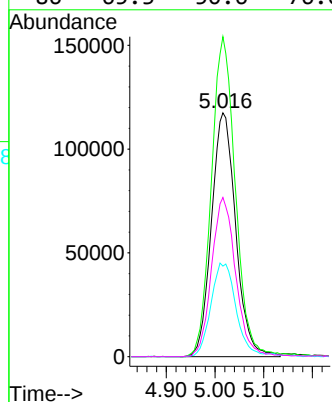
Ion Ratio Lower Upper

84 100

49 131.2 88.3 132.5

51 37.1 28.2 42.2

86 65.3 50.6 76.0



#25

2-Butanone

Concen: 6.263 ug/l

RT: 7.269 min Scan# 915

Delta R.T. 0.012 min

Lab File: VN073325.D

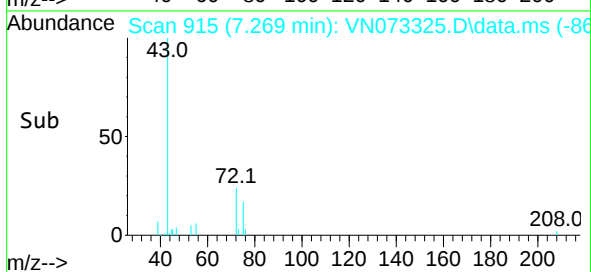
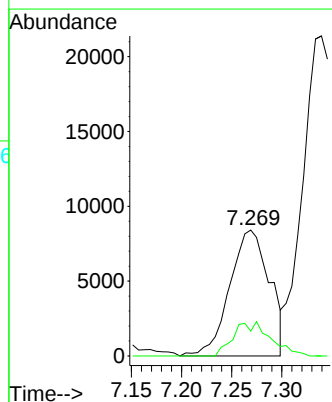
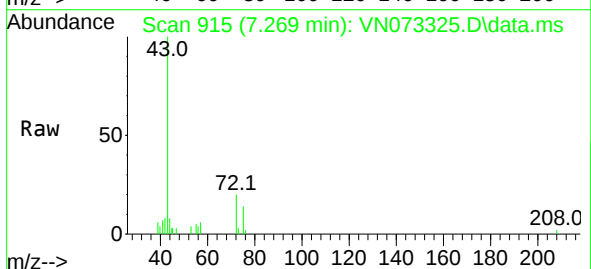
Acq: 05 Jul 2022 19:14

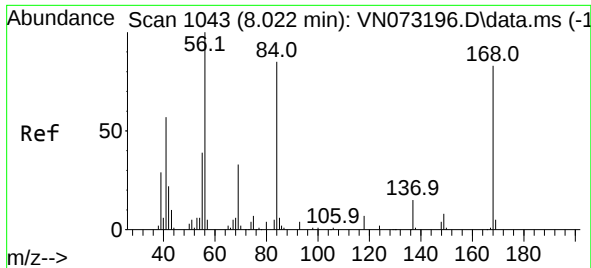
Tgt Ion: 43 Resp: 23225

Ion Ratio Lower Upper

43 100

72 19.7 23.7 35.5#

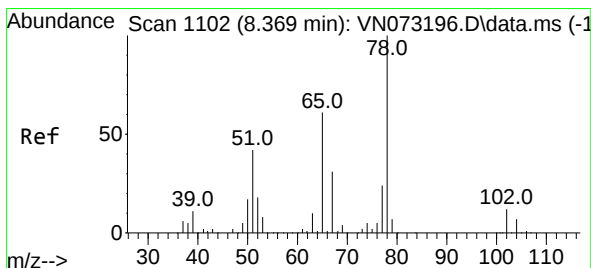
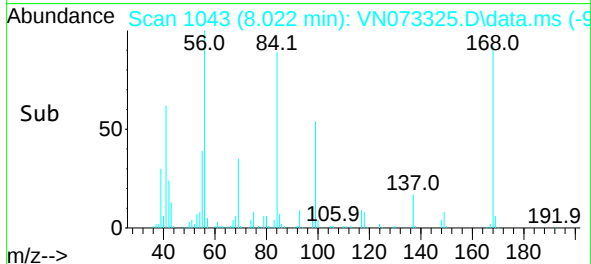
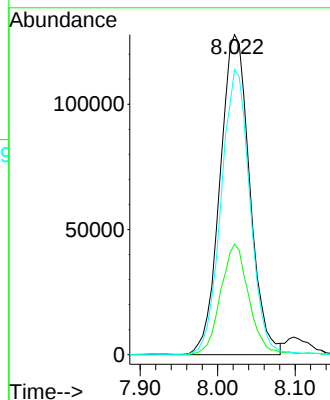
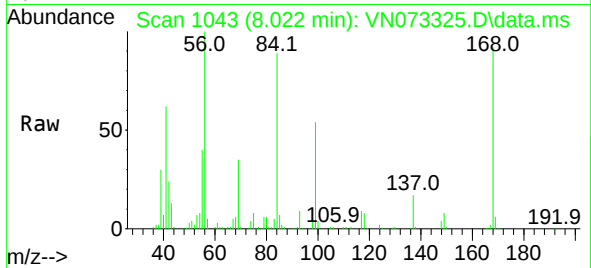




#31
Cyclohexane
Concen: 50.116 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

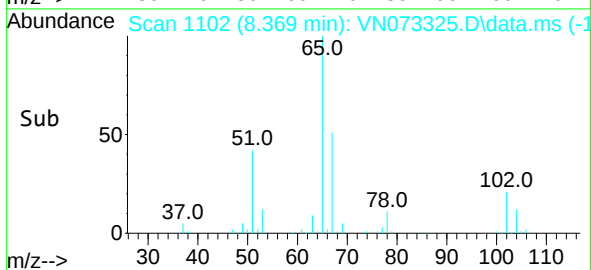
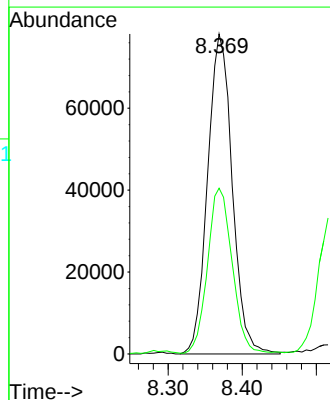
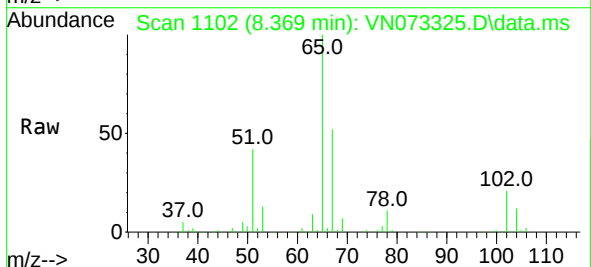
Instrument :
MSVOA_N
ClientSampleId :
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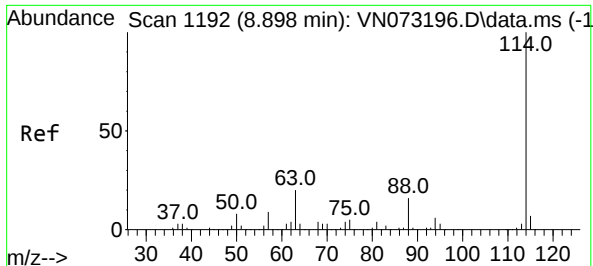
Tgt Ion: 56 Resp: 340572
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.8
84 89.1 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 43.544 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 65 Resp: 180679
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-11-3-GR

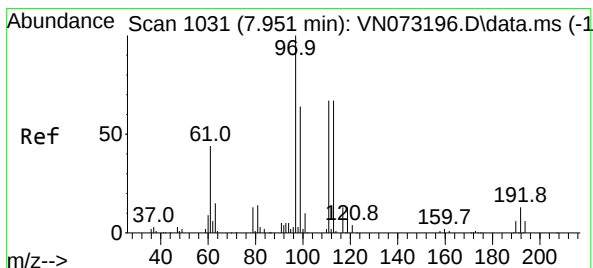
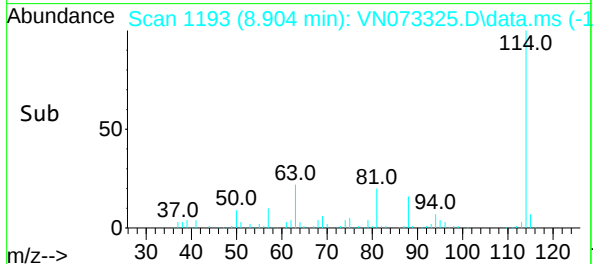
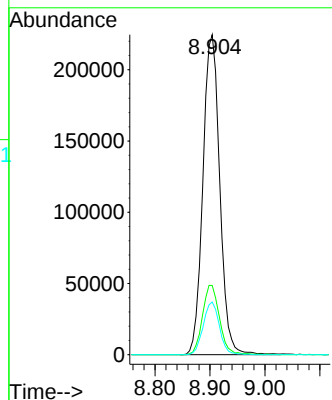
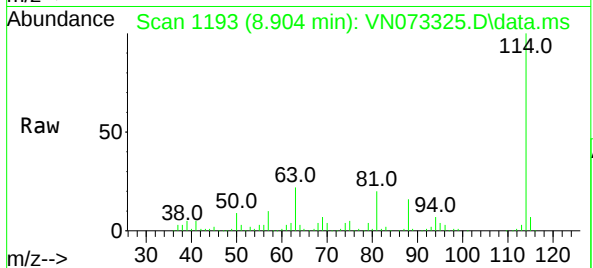
Tgt Ion:114 Resp: 479010

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.689 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

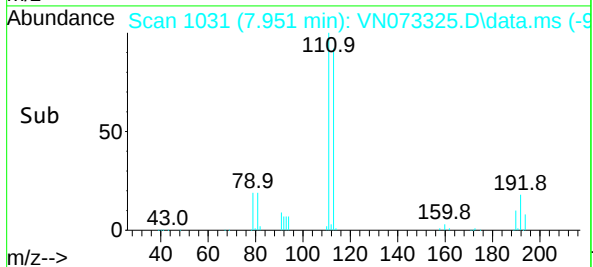
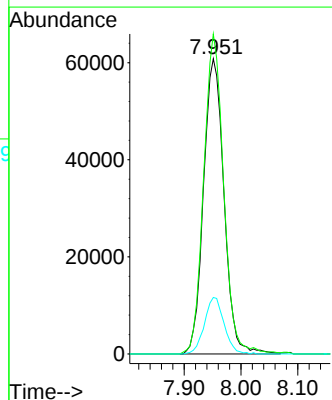
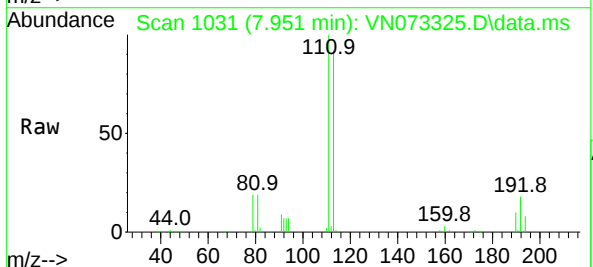
Tgt Ion:113 Resp: 151981

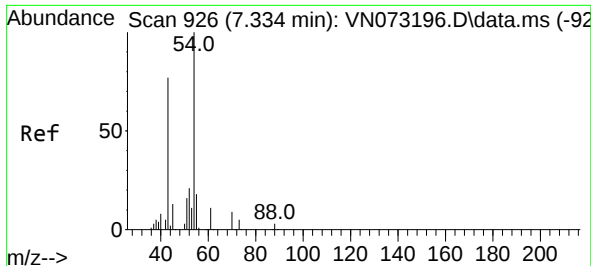
Ion Ratio Lower Upper

113 100

111 105.6 81.4 122.0

192 18.4 17.0 25.6

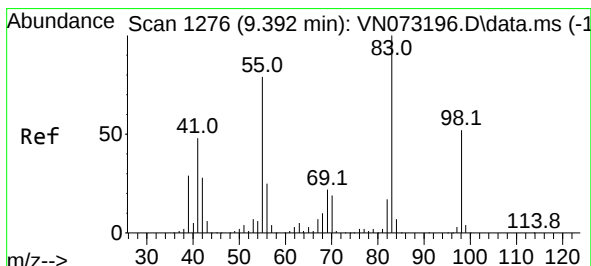
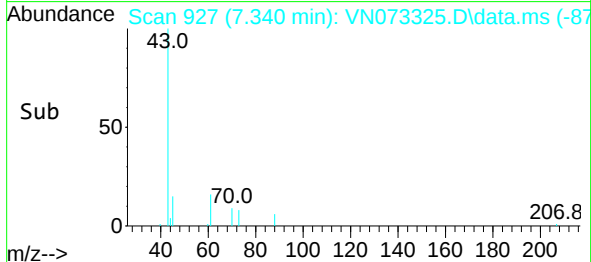
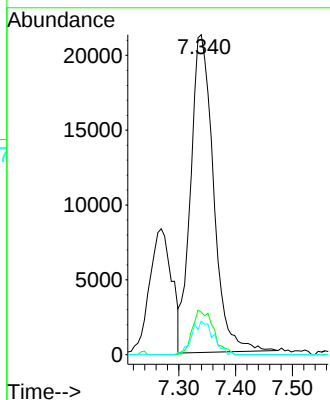
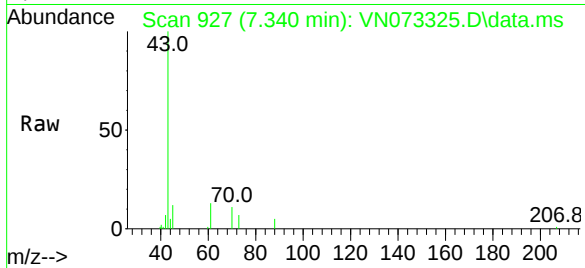




#37
Ethyl Acetate
Concen: 8.016 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

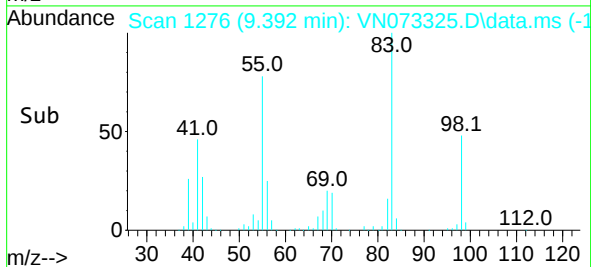
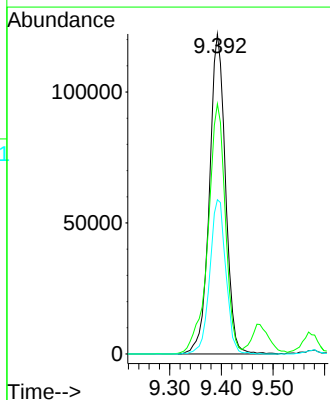
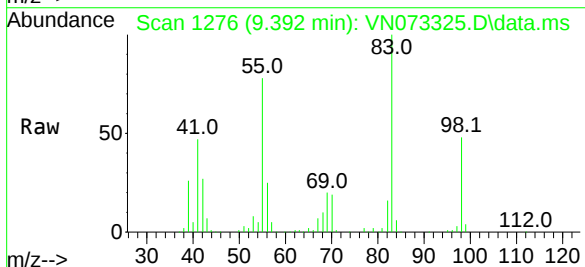
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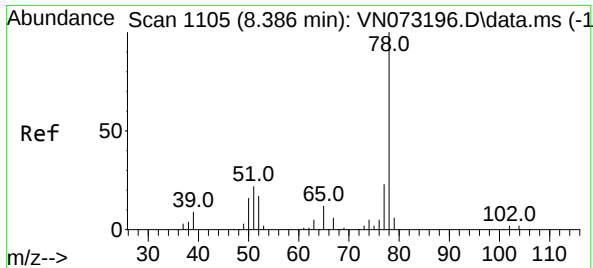
Tgt Ion: 43 Resp: 59396
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 9.8 9.3 13.9



#39
Methylcyclohexane
Concen: 43.148 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 83 Resp: 263423
Ion Ratio Lower Upper
83 100
55 77.9 57.8 86.8
98 48.2 39.4 59.2

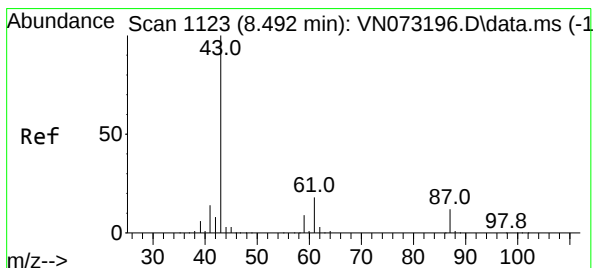
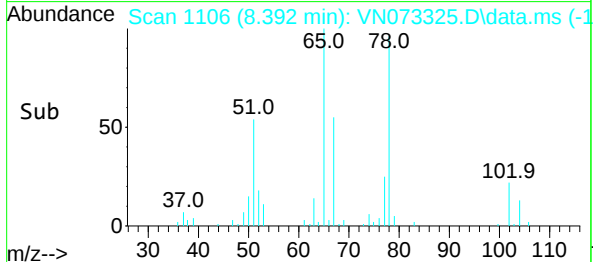
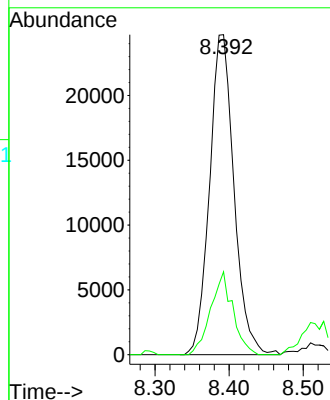
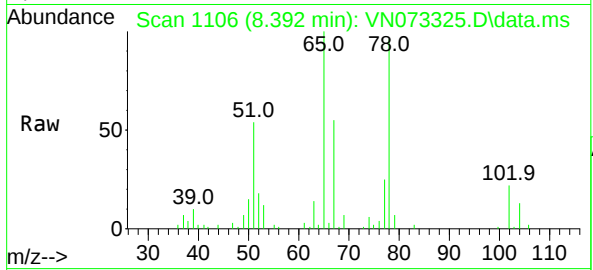




#40
Benzene
Concen: 3.738 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

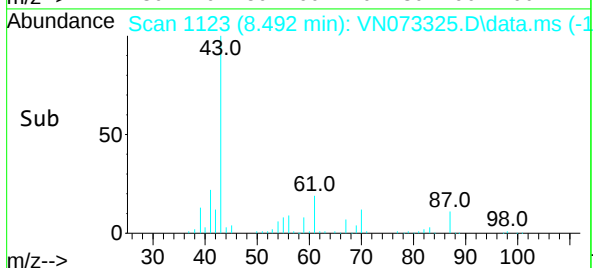
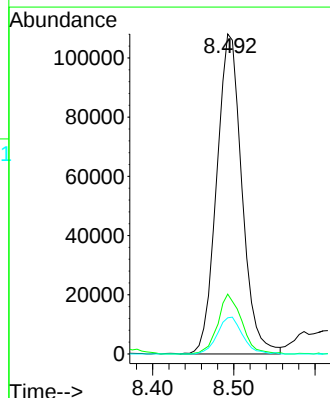
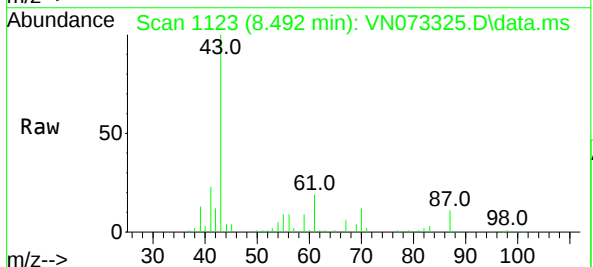
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-3-GR

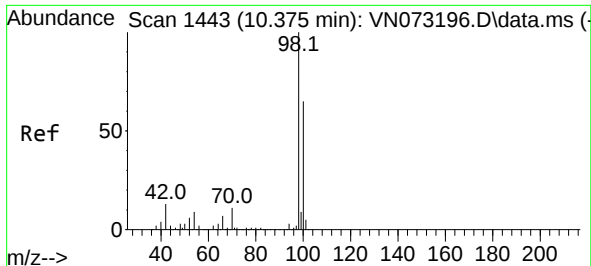
Tgt Ion: 78 Resp: 56574
Ion Ratio Lower Upper
78 100
77 25.9 19.4 29.0



#43
Isopropyl Acetate
Concen: 21.981 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 43 Resp: 234062
Ion Ratio Lower Upper
43 100
61 17.7 21.9 32.9#
87 11.5 12.0 18.0#

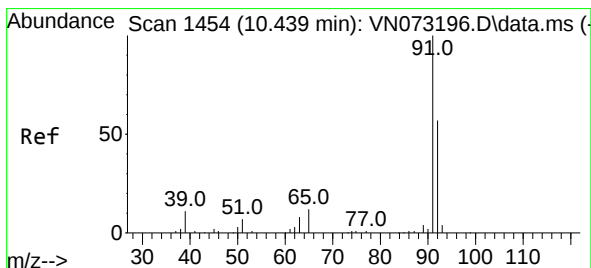
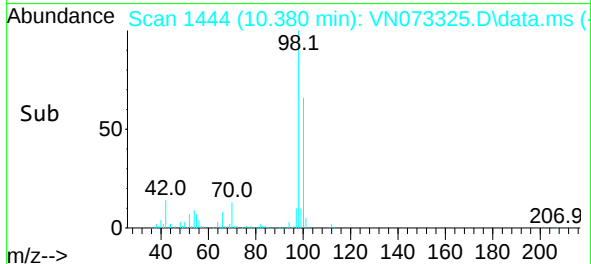
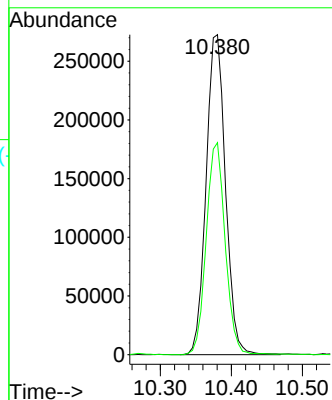
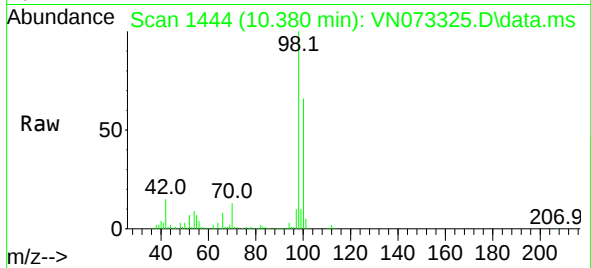




#50
Toluene-d8
Concen: 45.666 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

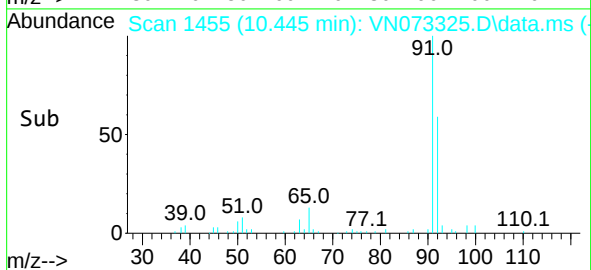
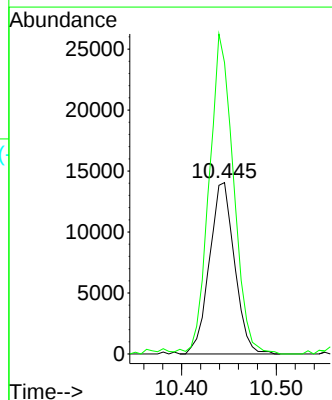
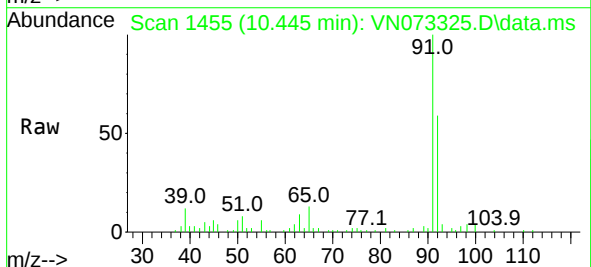
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-3-GR

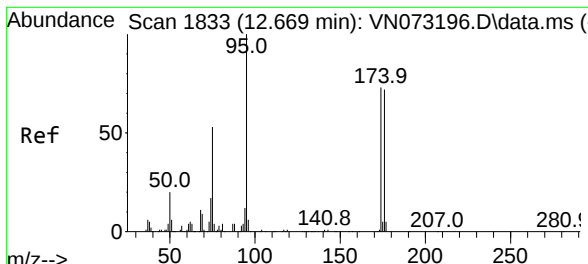
Tgt Ion: 98 Resp: 516893
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#52
Toluene
Concen: 2.765 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 92 Resp: 25859
Ion Ratio Lower Upper
92 100
91 181.5 138.6 207.8



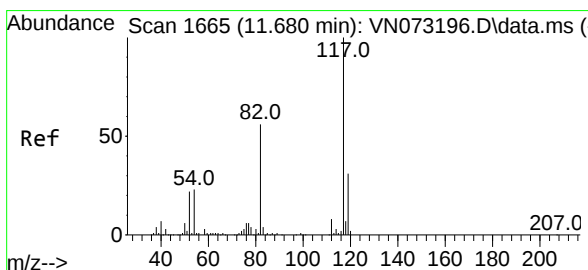
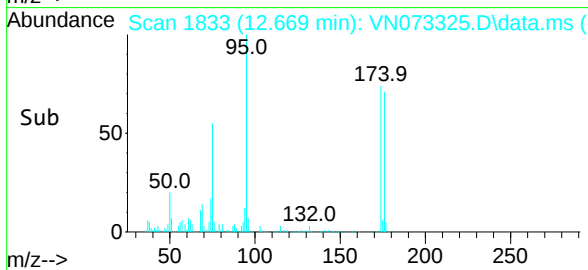
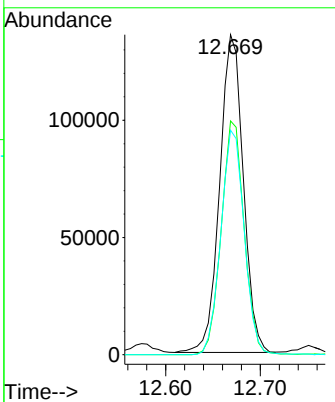
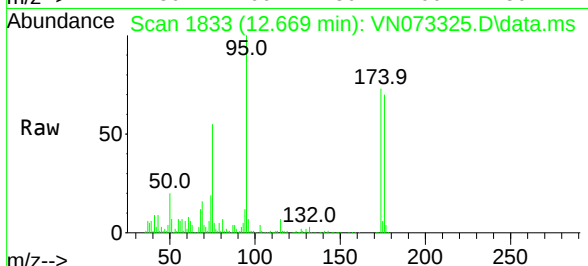


#62
 4-Bromofluorobenzene
 Concen: 53.935 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN073325.D
 Acq: 05 Jul 2022 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-11-3-GR

Tgt Ion: 95 Resp: 234606

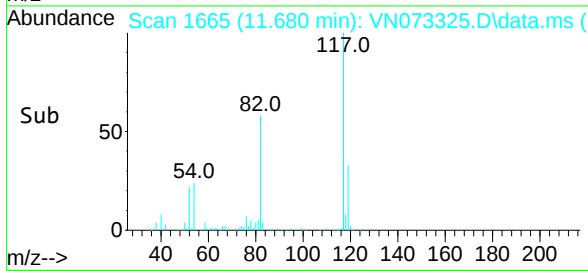
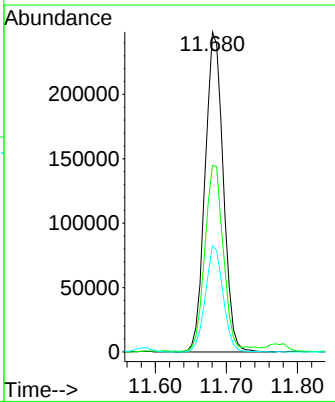
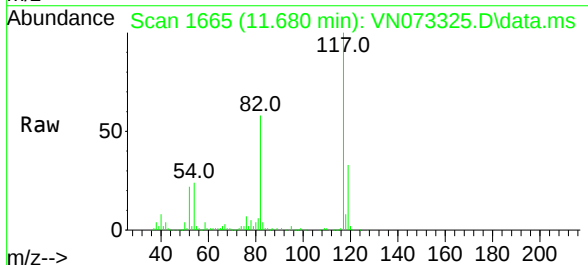
Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	167.6
176	69.9	0.0	163.4

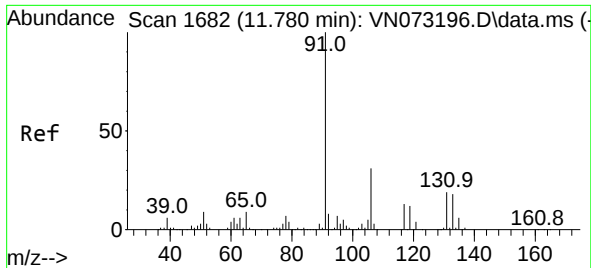


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.680 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VN073325.D
 Acq: 05 Jul 2022 19:14

Tgt Ion: 117 Resp: 441003

Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.2	66.2
119	33.2	25.4	38.0

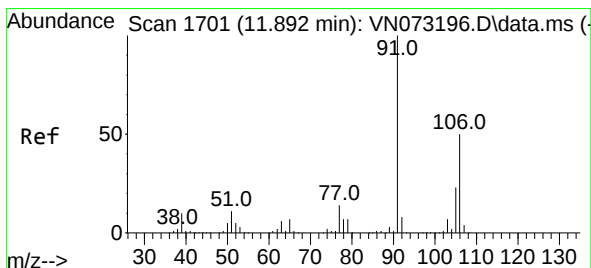
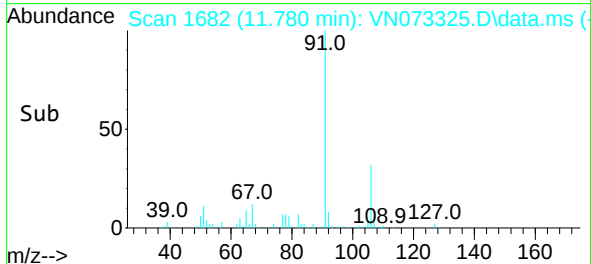
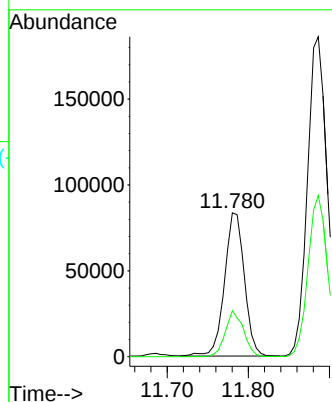
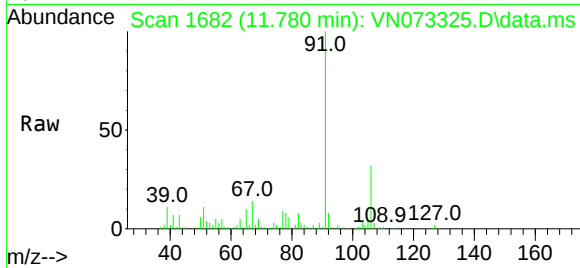




#67
Ethyl Benzene
Concen: 7.835 ug/l
RT: 11.780 min Scan# 11700
Delta R.T. 0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

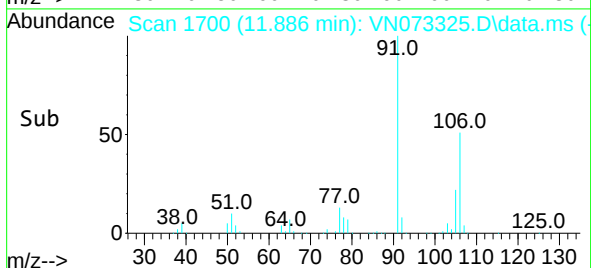
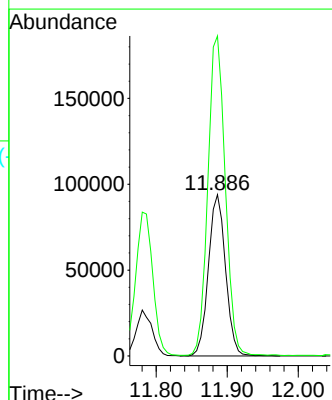
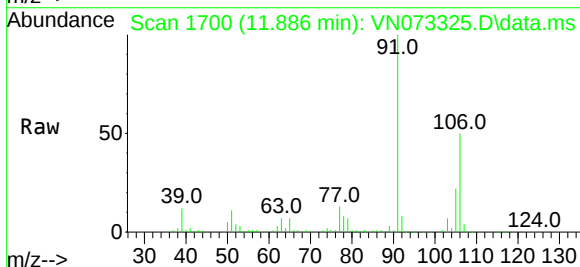
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-3-GR

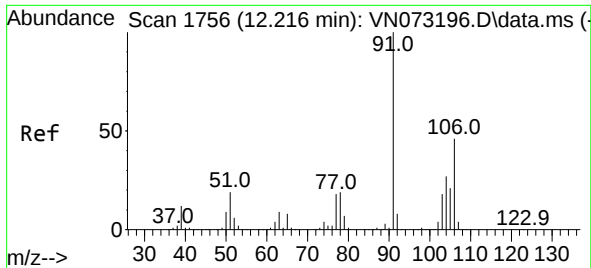
Tgt Ion: 91 Resp: 141862
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3



#68
m/p-Xylenes
Concen: 23.031 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 106 Resp: 157388
Ion Ratio Lower Upper
106 100
91 200.0 158.9 238.3

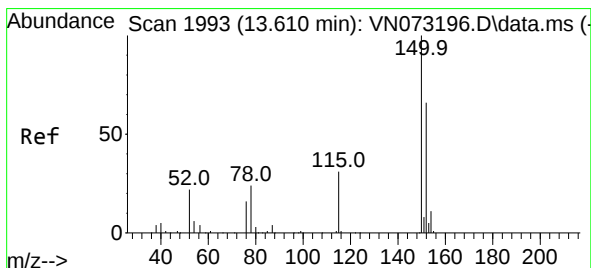
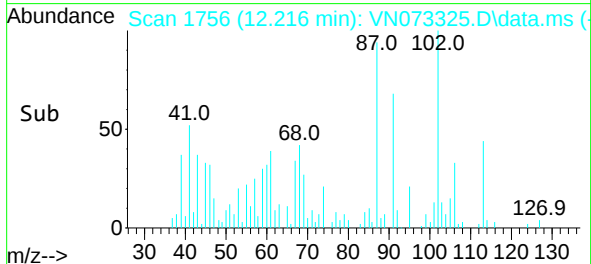
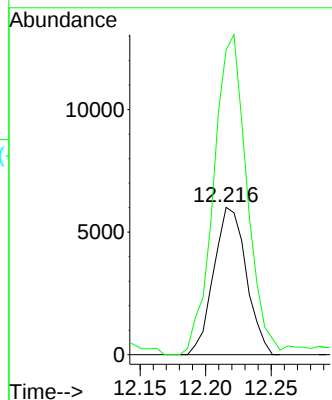
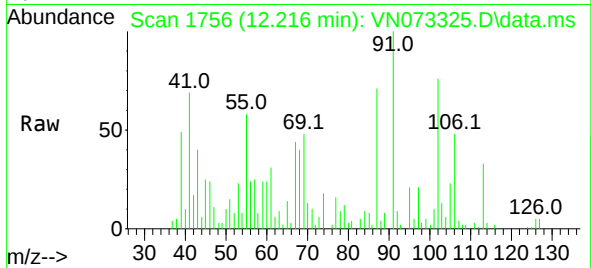




#69
o-Xylene
Concen: 1.486 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

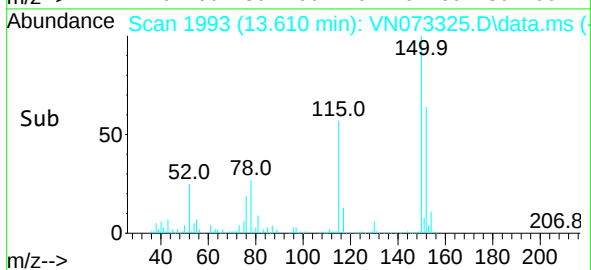
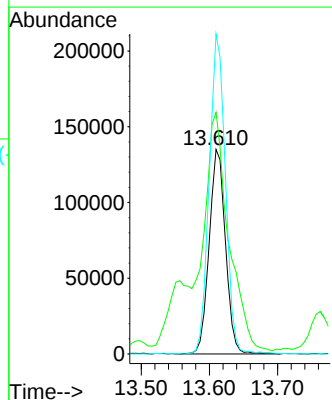
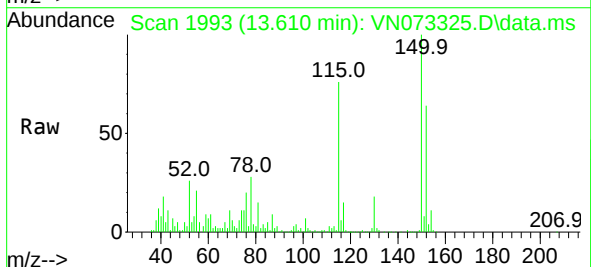
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-3-GR

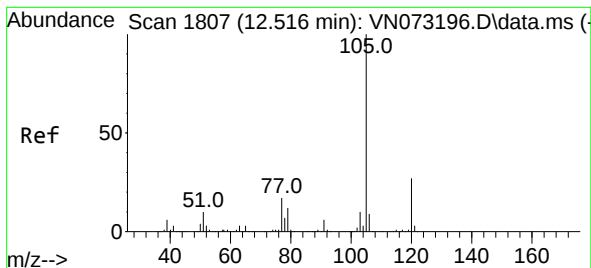
Tgt Ion:106 Resp: 10366
Ion Ratio Lower Upper
106 100
91 223.4 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion:152 Resp: 225554
Ion Ratio Lower Upper
152 100
115 173.0 28.9 86.7#
150 155.0 0.0 356.2





#73

Isopropylbenzene

Concen: 9.795 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

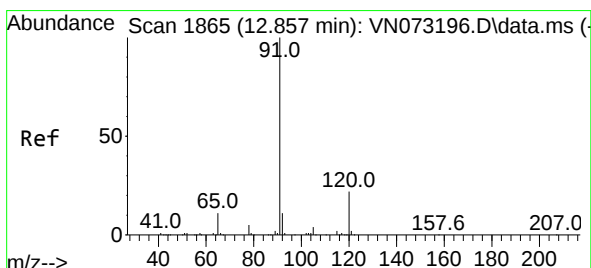
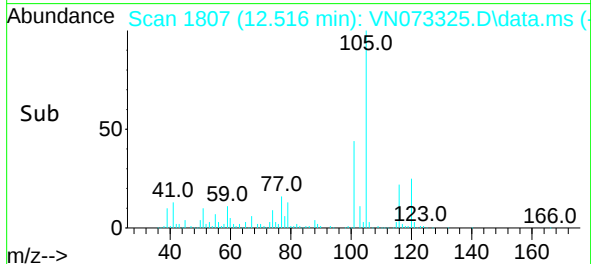
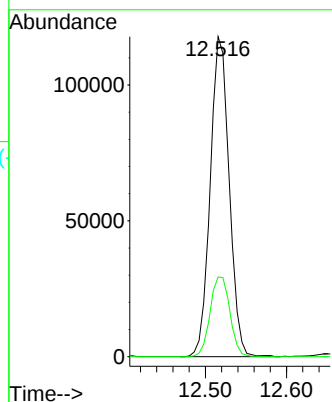
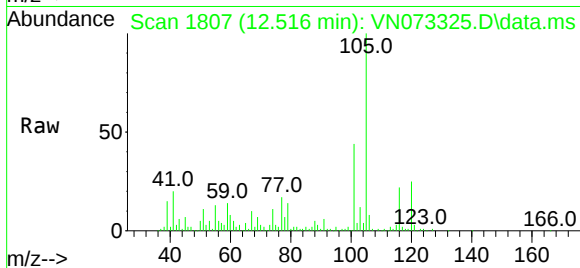
WC-14B-11-3-GR

Tgt Ion:105 Resp: 190781

Ion Ratio Lower Upper

105 100

120 26.0 13.5 40.4



#78

n-propylbenzene

Concen: 10.185 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073325.D

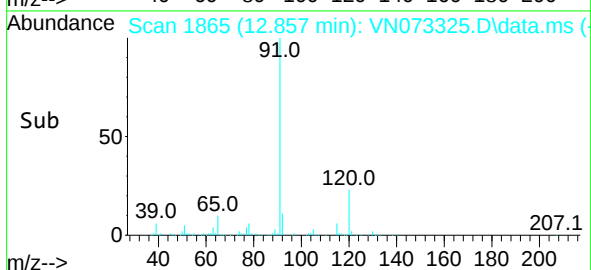
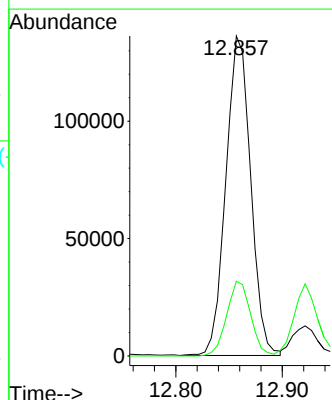
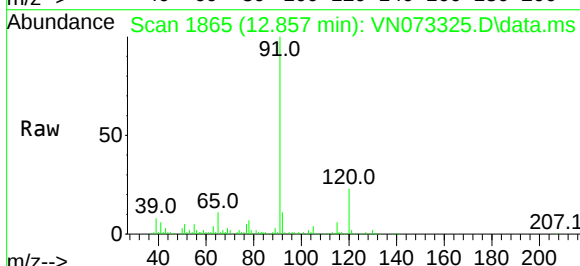
Acq: 05 Jul 2022 19:14

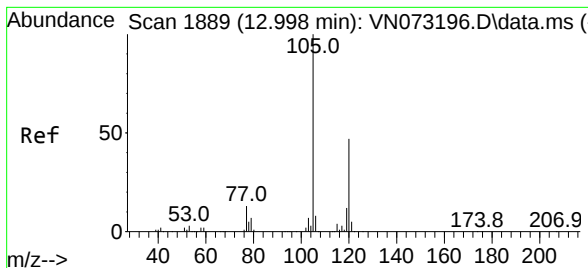
Tgt Ion: 91 Resp: 220381

Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 14.024 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

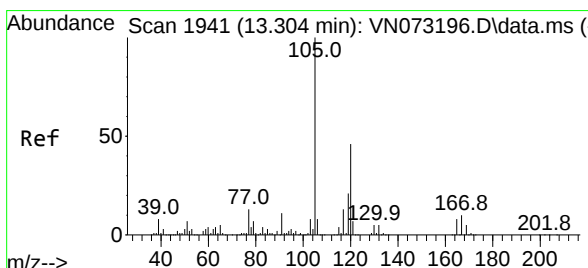
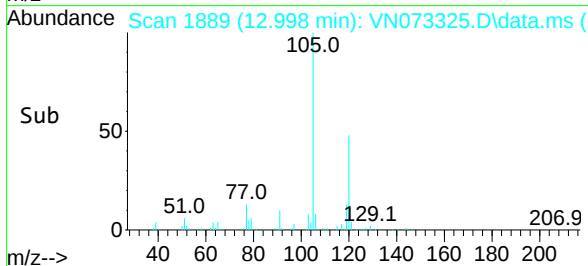
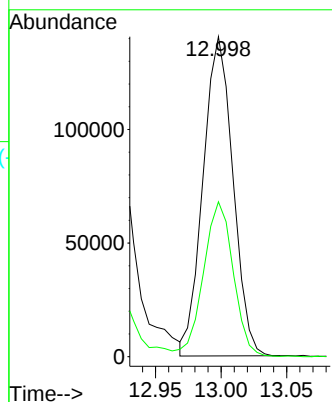
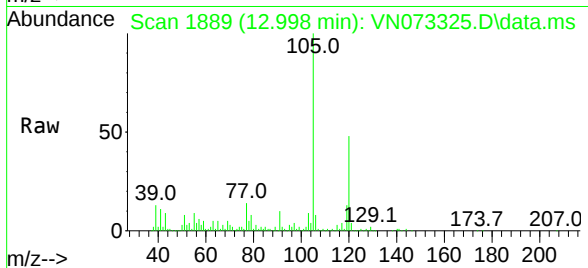
WC-14B-11-3-GR

Tgt Ion:105 Resp: 222636

Ion Ratio Lower Upper

105 100

120 48.6 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 5.375 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073325.D

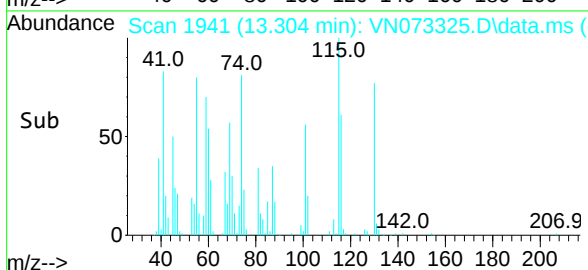
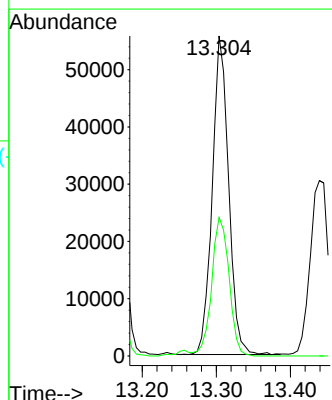
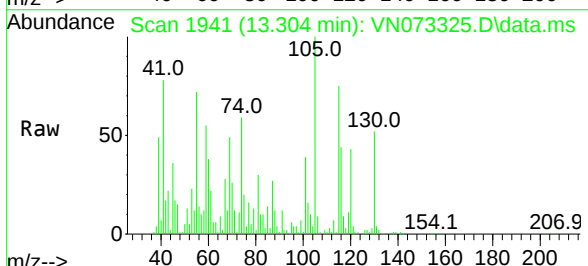
Acq: 05 Jul 2022 19:14

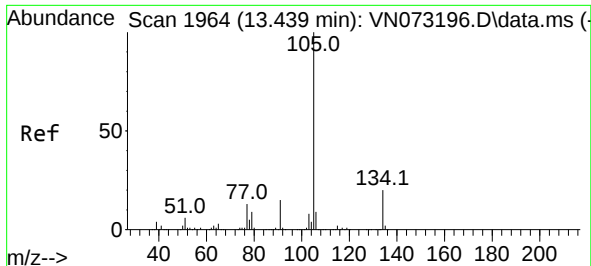
Tgt Ion:105 Resp: 85192

Ion Ratio Lower Upper

105 100

120 46.4 23.3 69.8

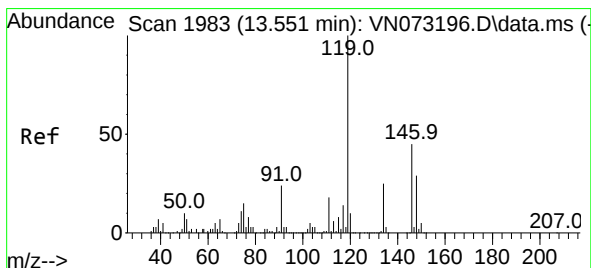
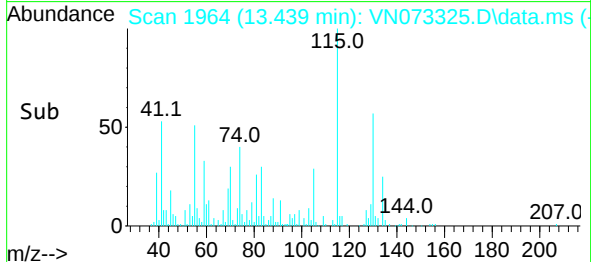
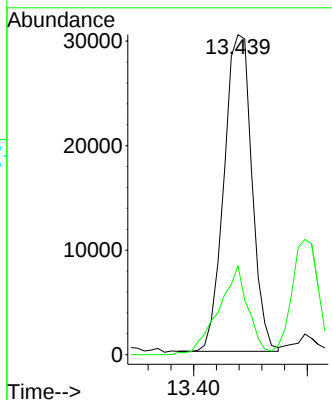
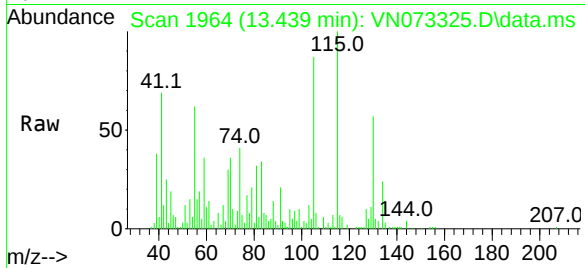




#85
 sec-Butylbenzene
 Concen: 2.698 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073325.D
 Acq: 05 Jul 2022 19:14

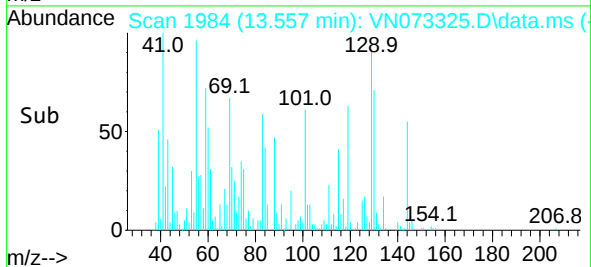
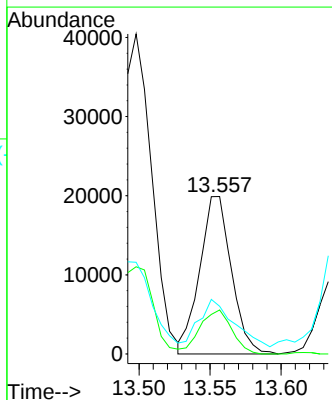
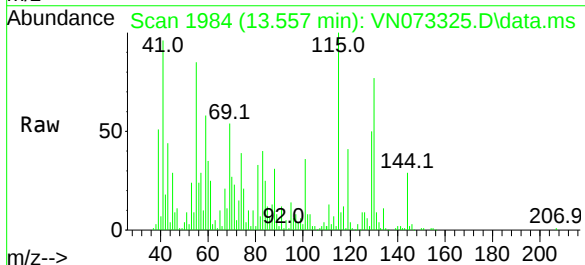
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-11-3-GR

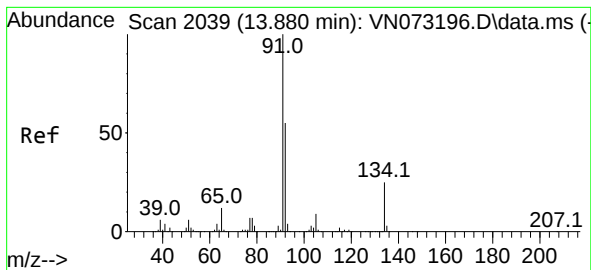
Tgt Ion:105 Resp: 51565
 Ion Ratio Lower Upper
 105 100
 134 29.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 2.006 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073325.D
 Acq: 05 Jul 2022 19:14

Tgt Ion:119 Resp: 30963
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.8
 91 32.6 11.3 33.9





#89

n-Butylbenzene

Concen: 2.309 ug/l

RT: 13.874 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN073325.D

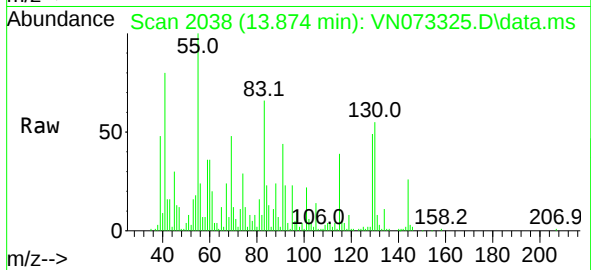
Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-11-3-GR



Tgt Ion: 91 Resp: 29700

Ion Ratio Lower Upper

91 100

92 58.1 26.9 80.7

134 0.0 13.6 40.8#

