

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073433.D
 Acq On : 12 Jul 2022 13:44
 Operator : JC\MD
 Sample : N3524-10DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31494DL

Quant Time: Jul 13 06:17:50 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	287398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	484141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	471044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	247657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	188544	45.444	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.880%
35) Dibromofluoromethane	7.945	113	157397	48.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	10.381	98	528101	46.162	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.669	95	250419	56.960	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.920%

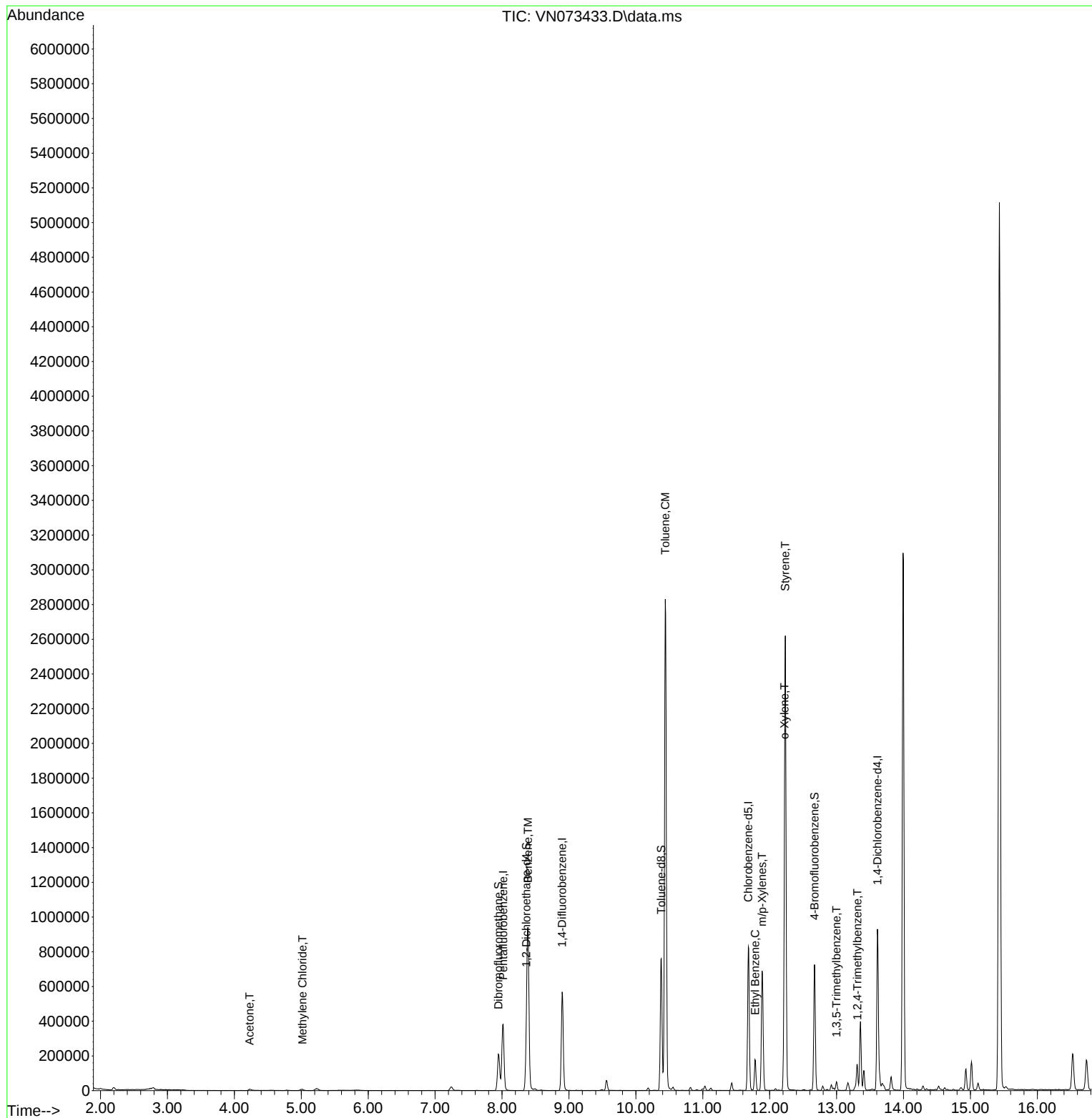
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.228	43	14041	6.029	ug/l #	86
20) Methylene Chloride	5.016	84	5739	1.402	ug/l #	77
40) Benzene	8.386	78	865779	56.603	ug/l	98
52) Toluene	10.439	92	1240286	131.209	ug/l	99
67) Ethyl Benzene	11.780	91	124259	6.425	ug/l	99
68) m/p-Xylenes	11.886	106	217356	29.778	ug/l	96
69) o-Xylene	12.222	106	132183	17.739	ug/l	99
70) Styrene	12.233	104	1166962	101.436	ug/l	93
80) 1,3,5-Trimethylbenzene	12.998	105	24226	1.390	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	83384	4.791	ug/l	98

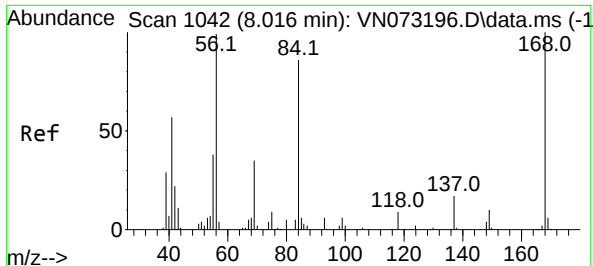
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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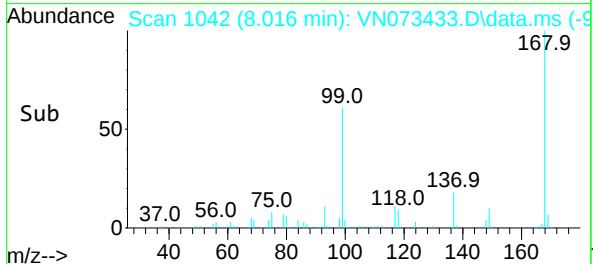
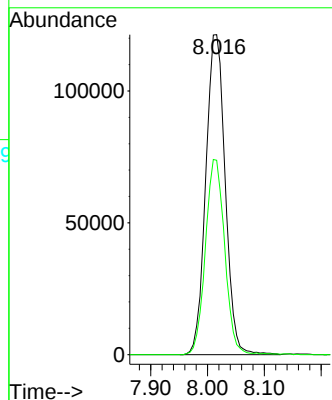
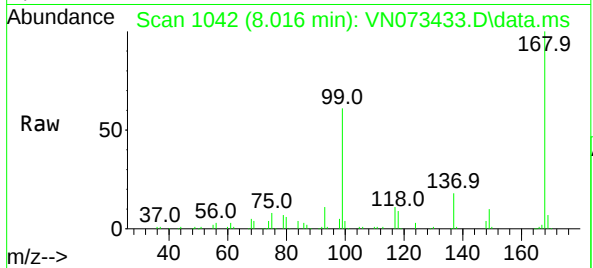




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073433.D
Acq: 12 Jul 2022 13:44

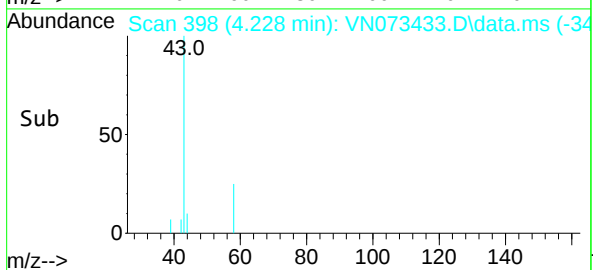
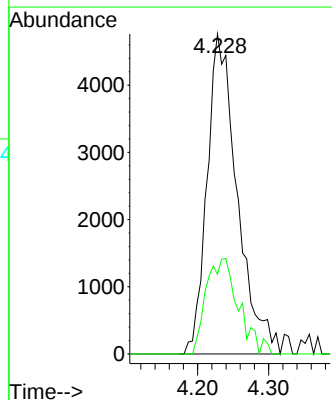
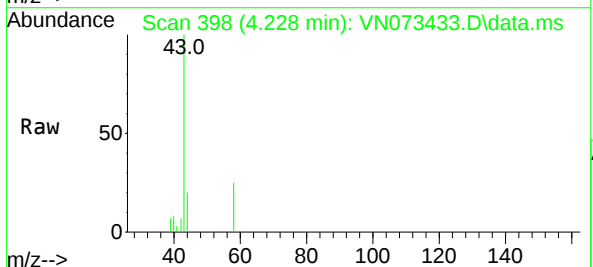
Instrument :
MSVOA_N
ClientSampleId :
31494DL

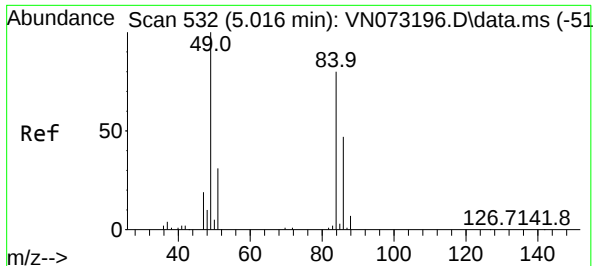
Tgt Ion:168 Resp: 287398
Ion Ratio Lower Upper
168 100
99 60.7 42.3 63.5



#16
Acetone
Concen: 6.029 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073433.D
Acq: 12 Jul 2022 13:44

Tgt Ion: 43 Resp: 14041
Ion Ratio Lower Upper
43 100
58 24.9 26.0 39.0#

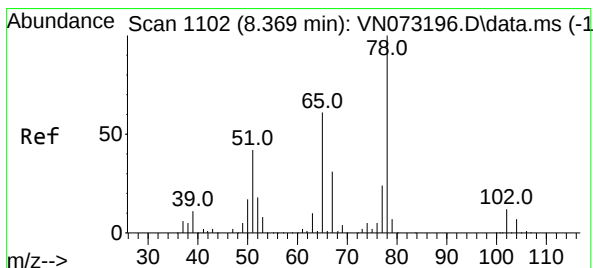
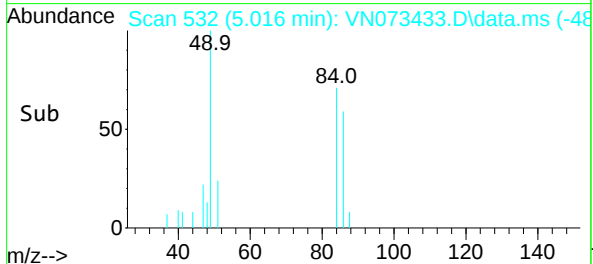
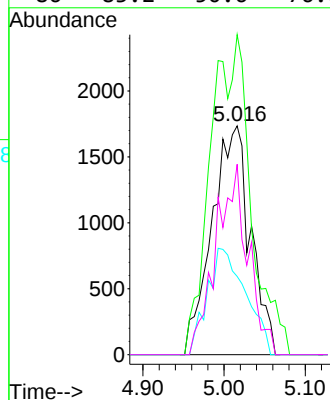
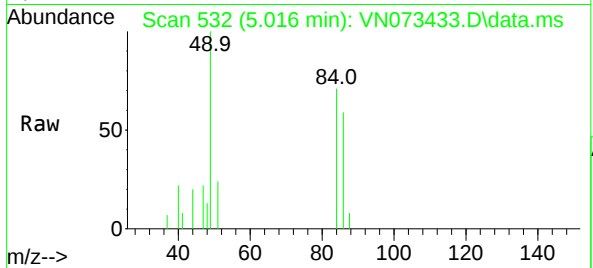




#20
Methylene Chloride
Concen: 1.402 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073433.D
Acq: 12 Jul 2022 13:44

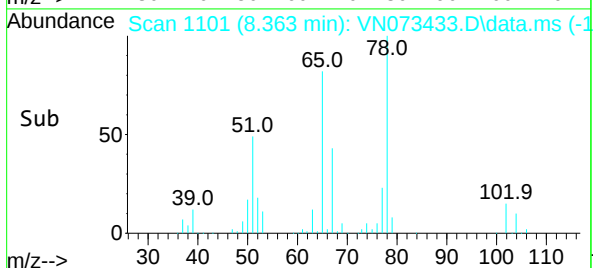
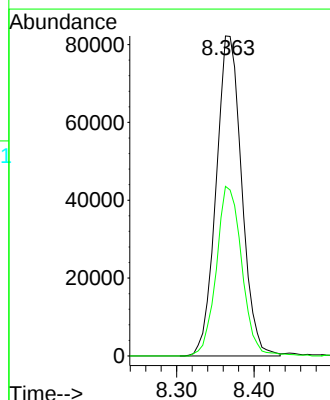
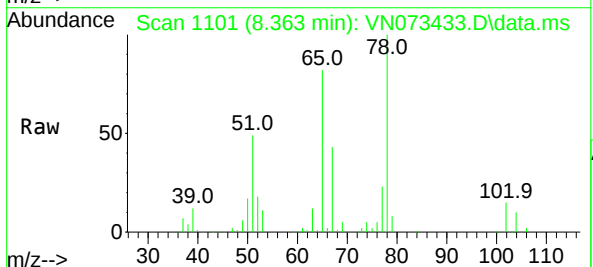
Instrument :
MSVOA_N
ClientSampleId :
31494DL

Tgt Ion: 84 Resp: 5739
Ion Ratio Lower Upper
84 100
49 139.9 88.3 132.5#
51 34.2 28.2 42.2
86 83.2 50.6 76.0#



#33
1,2-Dichloroethane-d4
Concen: 45.444 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073433.D
Acq: 12 Jul 2022 13:44

Tgt Ion: 65 Resp: 188544
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073433.D

Acq: 12 Jul 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

31494DL

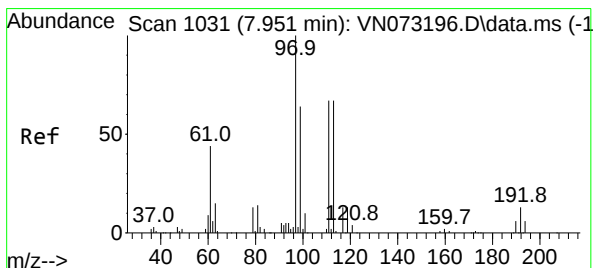
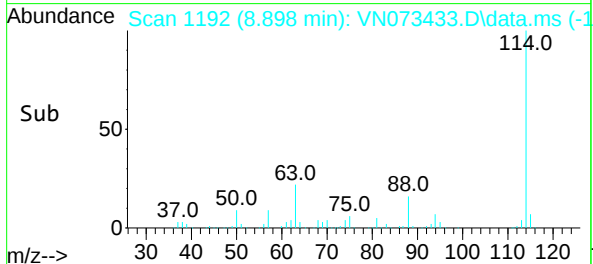
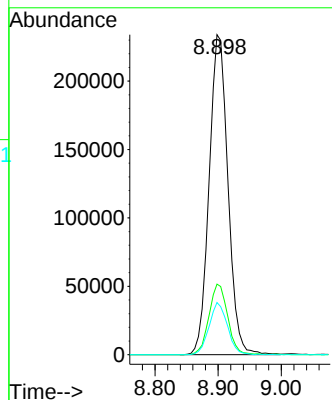
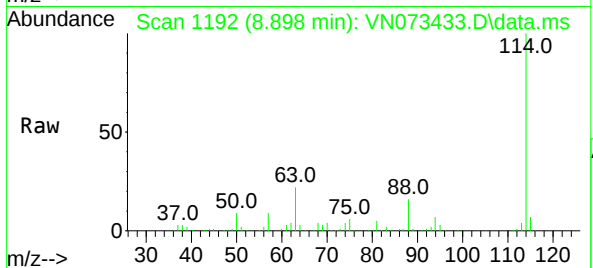
Tgt Ion:114 Resp: 484141

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.865 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073433.D

Acq: 12 Jul 2022 13:44

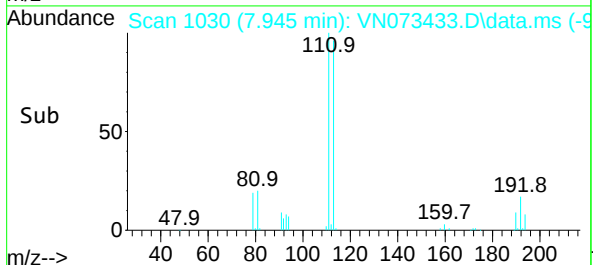
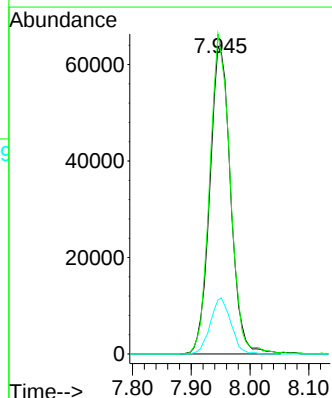
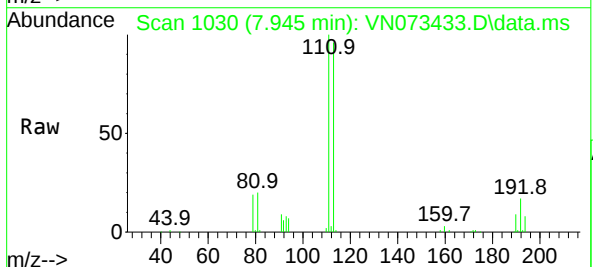
Tgt Ion:113 Resp: 157397

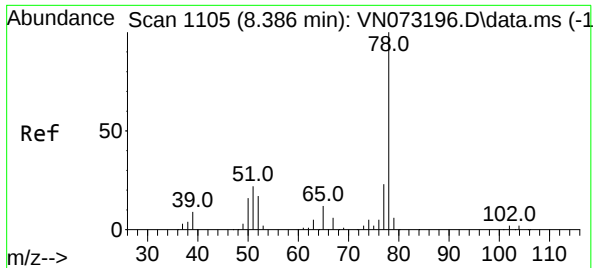
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.0 17.0 25.6

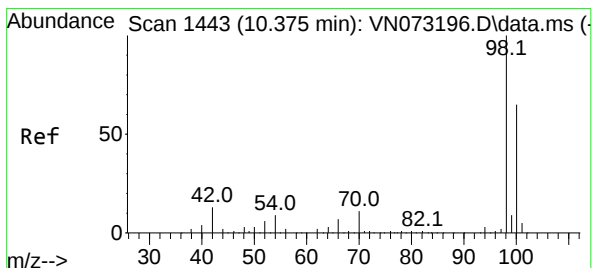
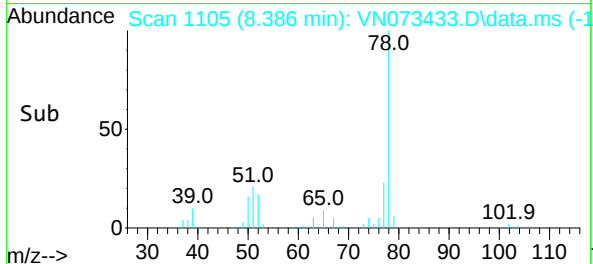
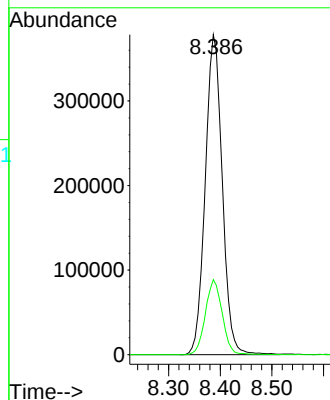
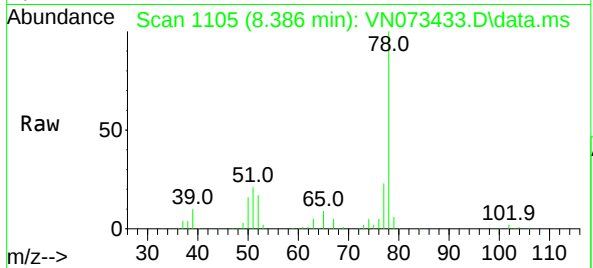




#40
Benzene
Concen: 56.603 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VN073433.D
Acq: 12 Jul 2022 13:44

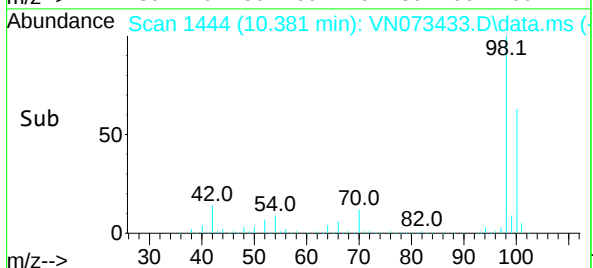
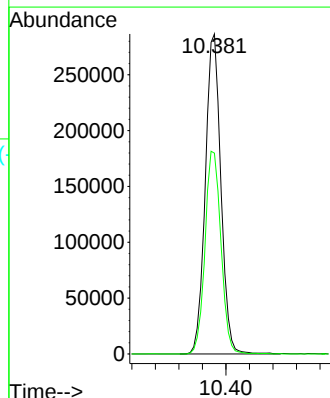
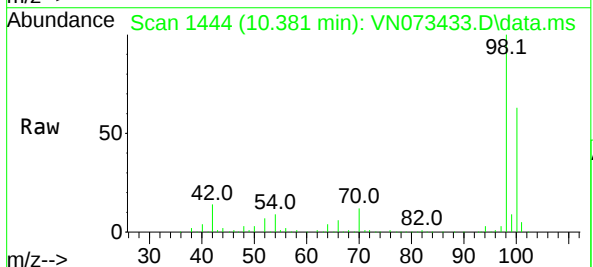
Instrument :
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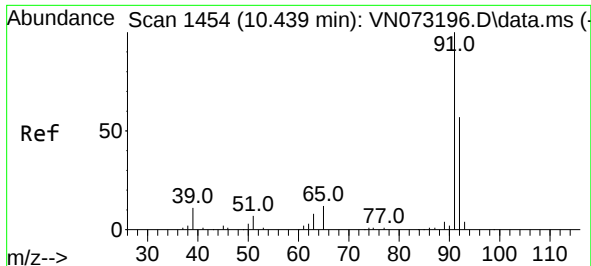
Tgt Ion: 78 Resp: 865779
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



#50
Toluene-d8
Concen: 46.162 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073433.D
Acq: 12 Jul 2022 13:44

Tgt Ion: 98 Resp: 528101
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

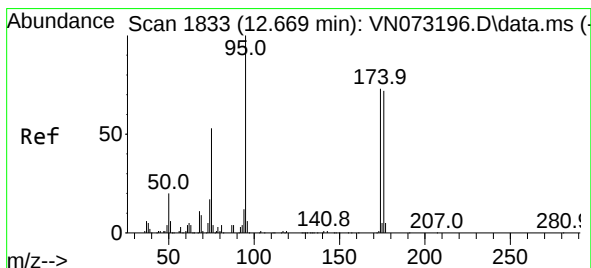
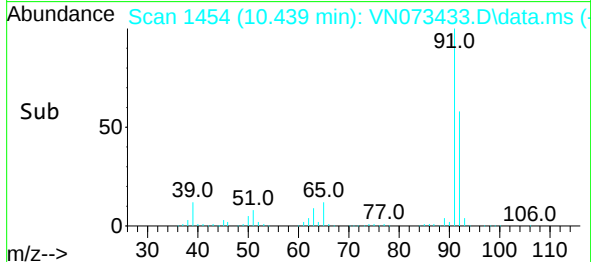
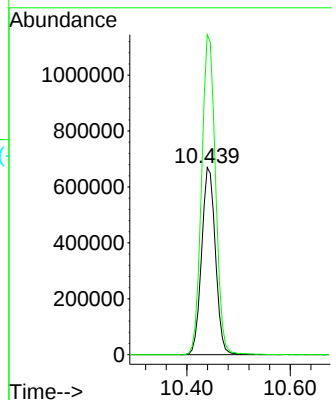
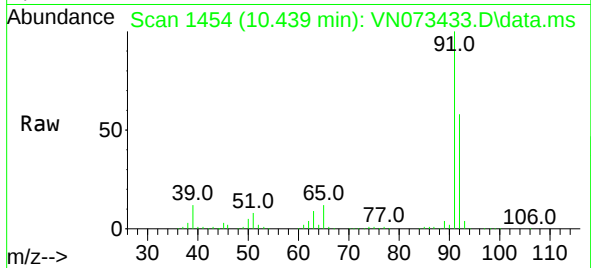




#52
Toluene
Concen: 131.209 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073433.D
Acq: 12 Jul 2022 13:44

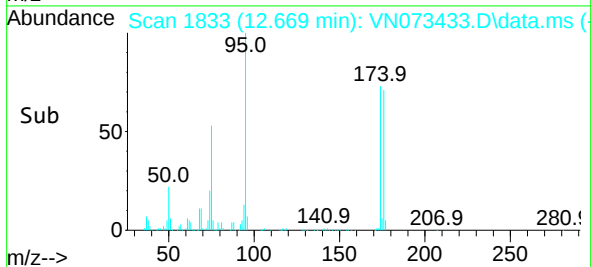
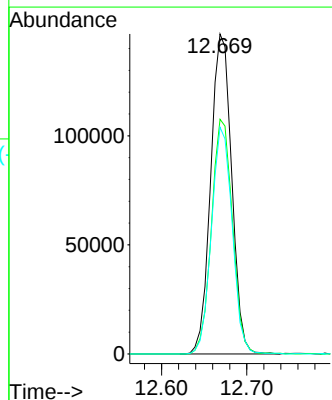
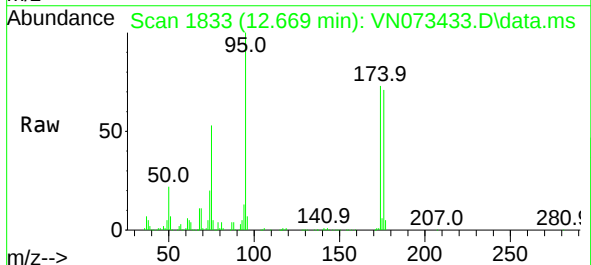
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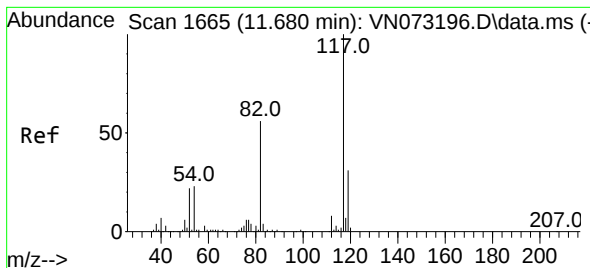
Tgt Ion: 92 Resp: 1240286
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 56.960 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073433.D
Acq: 12 Jul 2022 13:44

Tgt Ion: 95 Resp: 250419
Ion Ratio Lower Upper
95 100
174 73.5 0.0 167.6
176 70.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073433.D

Acq: 12 Jul 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

31494DL

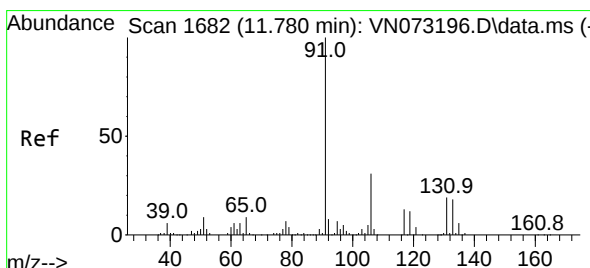
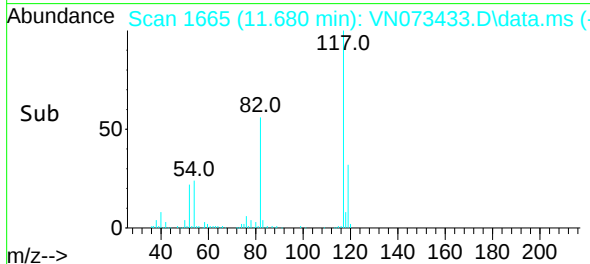
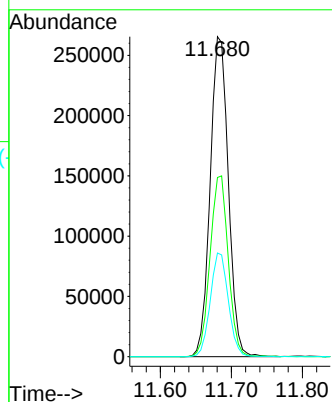
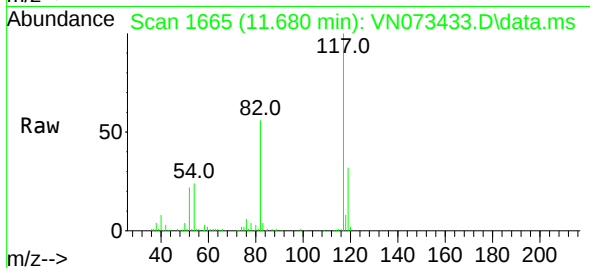
Tgt Ion:117 Resp: 471044

Ion Ratio Lower Upper

117 100

82 56.0 44.2 66.2

119 32.4 25.4 38.0



#67

Ethyl Benzene

Concen: 6.425 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073433.D

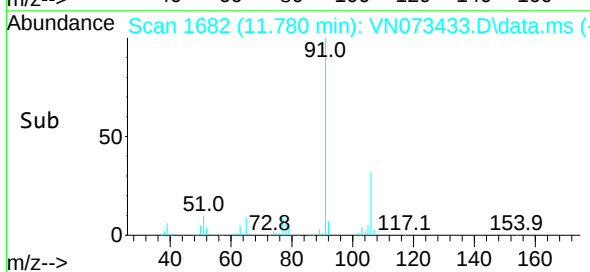
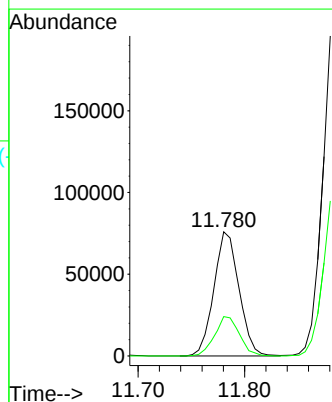
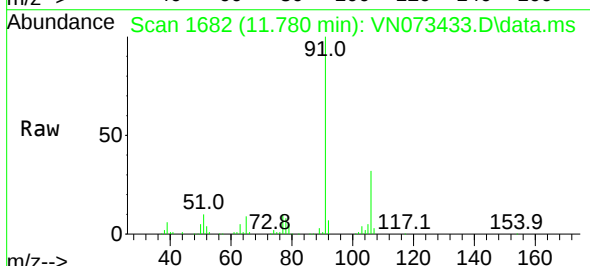
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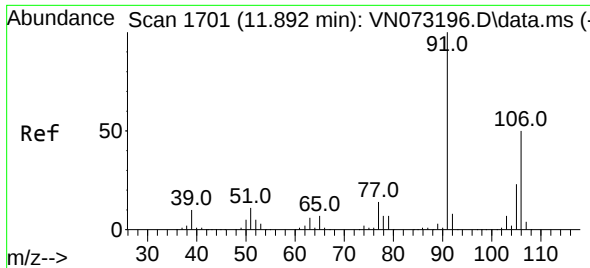
Tgt Ion: 91 Resp: 124259

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3

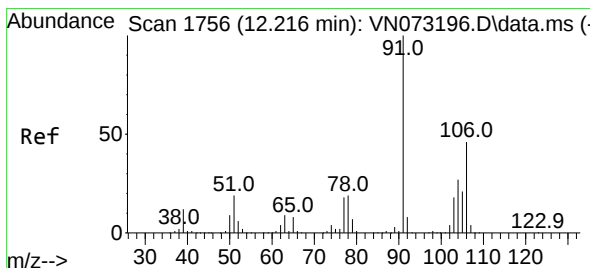
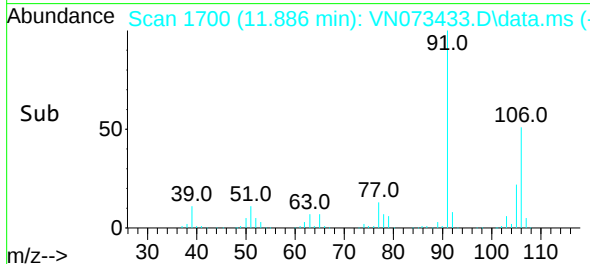
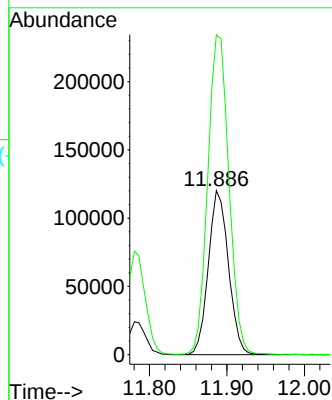
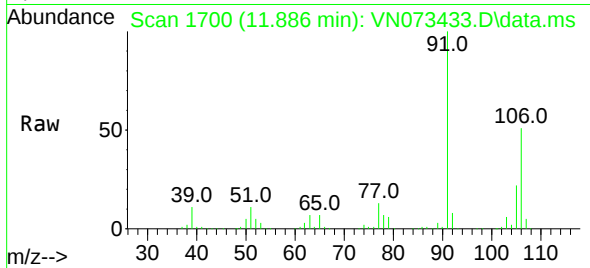




#68
m/p-Xylenes
Concen: 29.778 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073433.D
Acq: 12 Jul 2022 13:44

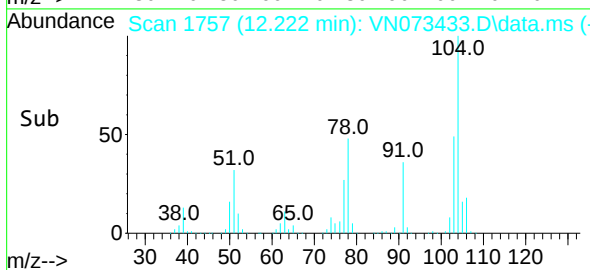
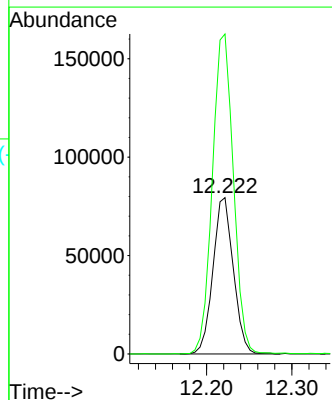
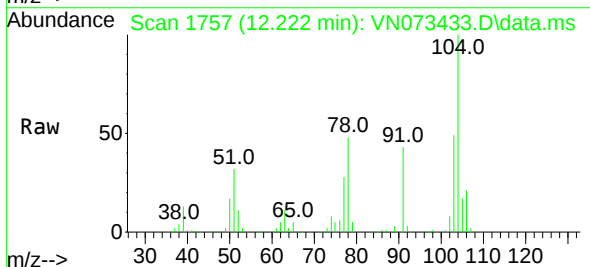
Instrument :
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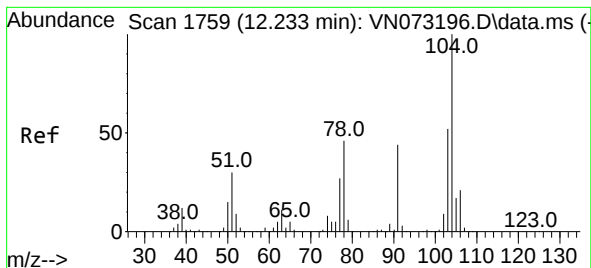
Tgt Ion:106 Resp: 217356
Ion Ratio Lower Upper
106 100
91 204.7 158.9 238.3



#69
o-Xylene
Concen: 17.739 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073433.D
Acq: 12 Jul 2022 13:44

Tgt Ion:106 Resp: 132183
Ion Ratio Lower Upper
106 100
91 210.8 106.0 318.0





#70

Styrene

Concen: 101.436 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073433.D

Acq: 12 Jul 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

31494DL

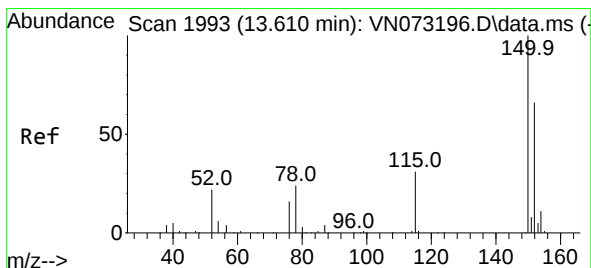
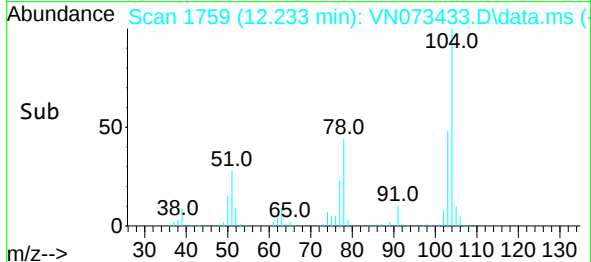
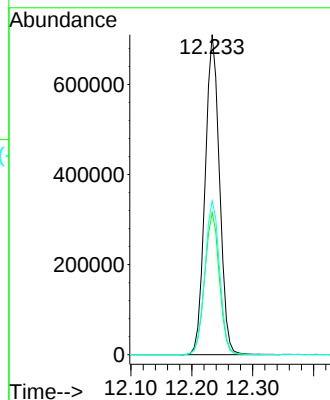
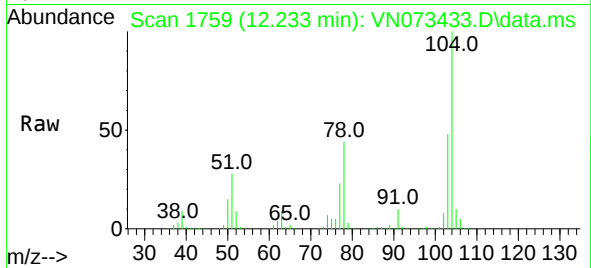
Tgt Ion:104 Resp: 1166962

Ion Ratio Lower Upper

104 100

78 45.2 39.5 59.3

103 49.2 44.0 66.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073433.D

Acq: 12 Jul 2022 13:44

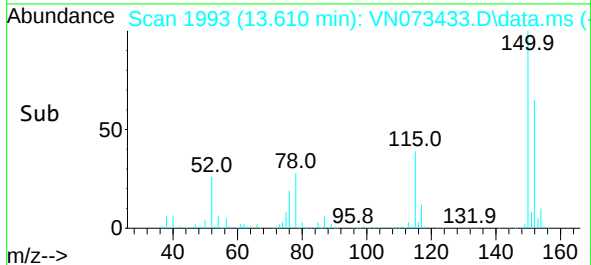
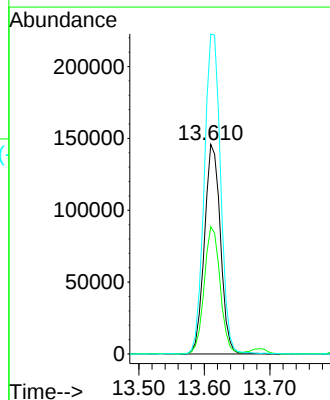
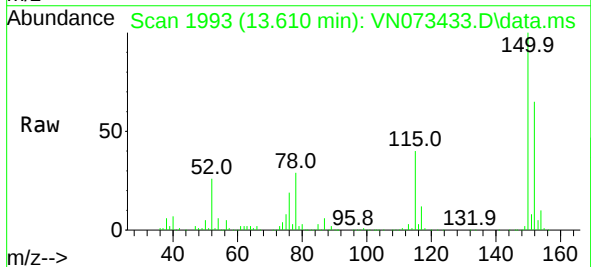
Tgt Ion:152 Resp: 247657

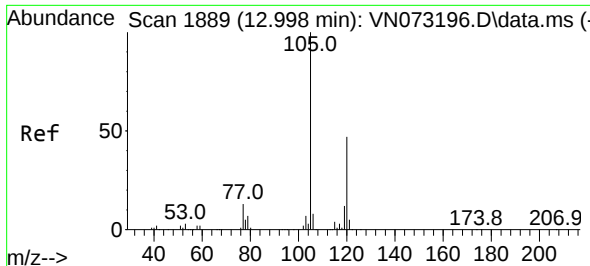
Ion Ratio Lower Upper

152 100

115 60.7 28.9 86.7

150 156.4 0.0 356.2

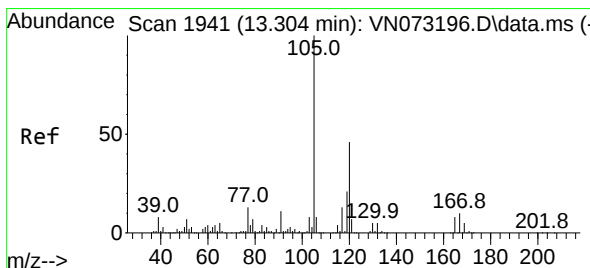
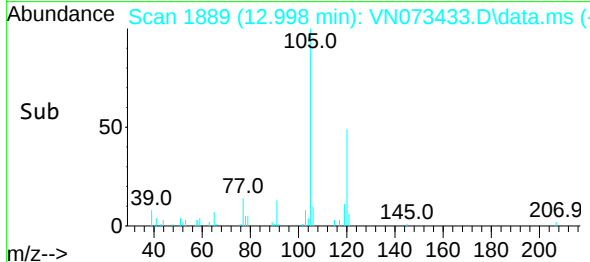
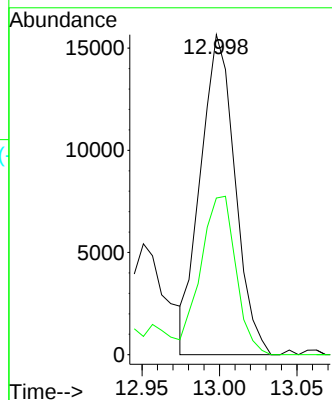
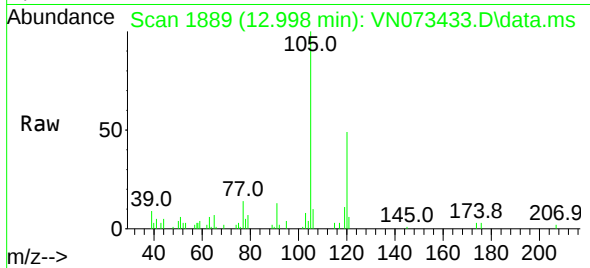




#80
 1,3,5-Trimethylbenzene
 Concen: 1.390 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: VN073433.D
 Acq: 12 Jul 2022 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 31494DL

Tgt Ion:105 Resp: 24226
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 4.791 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VN073433.D
 Acq: 12 Jul 2022 13:44

Tgt Ion:105 Resp: 83384
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.3 69.8

