

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073249.D
 Acq On : 29 Jun 2022 17:43
 Operator : JC\MD
 Sample : N3409-15 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP061722

Quant Time: Jun 30 07:00:33 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)

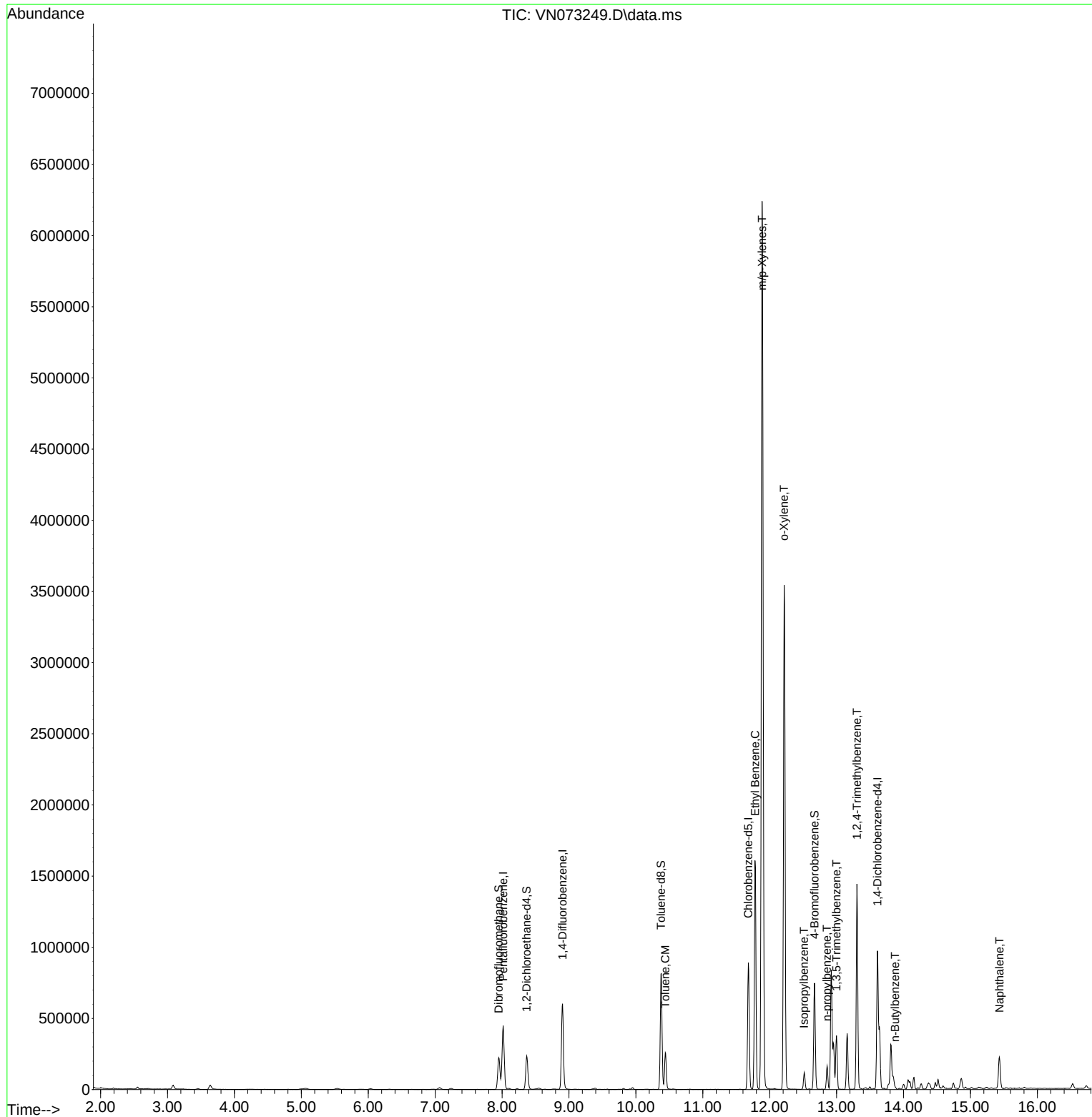
Internal Standards						
1) Pentafluorobenzene	8.016	168	329111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	538081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	504866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	256380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	201287	42.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.740%		
35) Dibromofluoromethane	7.951	113	168891	47.177	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.360%		
50) Toluene-d8	10.374	98	568812	44.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.480%		
62) 4-Bromofluorobenzene	12.668	95	261585	53.535	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.080%		
Target Compounds						
52) Toluene	10.439	92	109783	10.450	ug/l	100
67) Ethyl Benzene	11.780	91	1170550	56.468	ug/l	99
68) m/p-Xylenes	11.886	106	2017511	257.886	ug/l	94
69) o-Xylene	12.216	106	983510	123.147	ug/l	97
73) Isopropylbenzene	12.516	105	75907	3.429	ug/l	100
78) n-propylbenzene	12.857	91	127579	5.187	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	202565	11.225	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	795505	44.154	ug/l	98
89) n-Butylbenzene	13.874	91	5978	0.409	ug/l #	81
95) Naphthalene	15.433	128	204149	10.332	ug/l	99

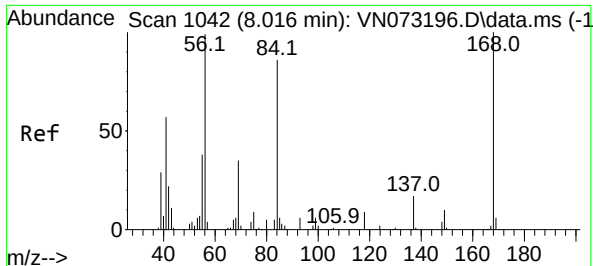
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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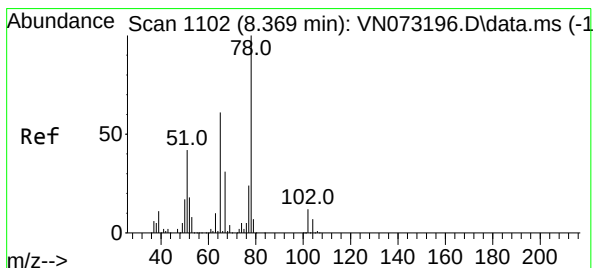
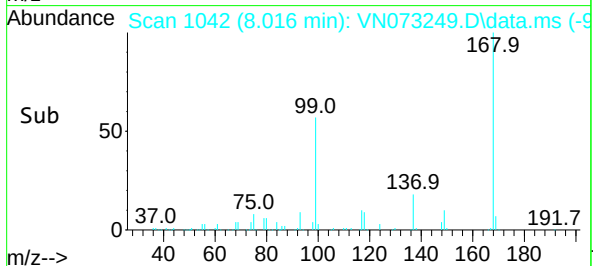
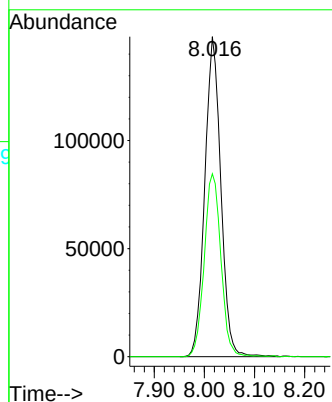
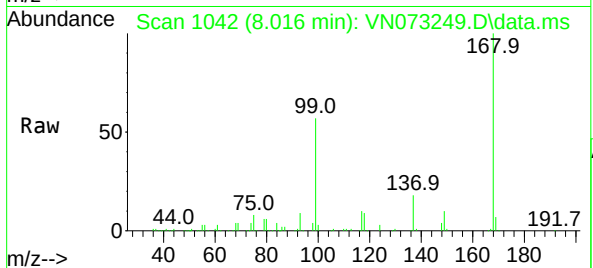




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

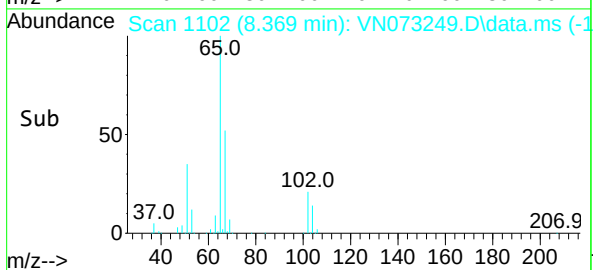
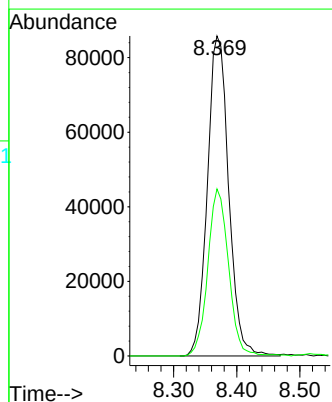
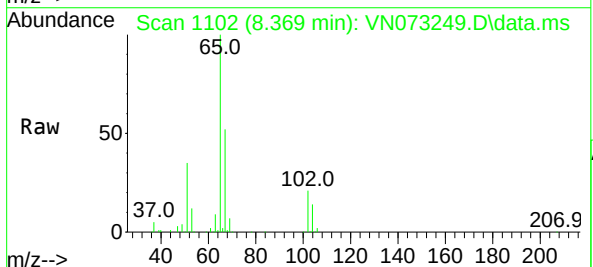
Instrument :
MSVOA_N
ClientSampleId :
DUP061722

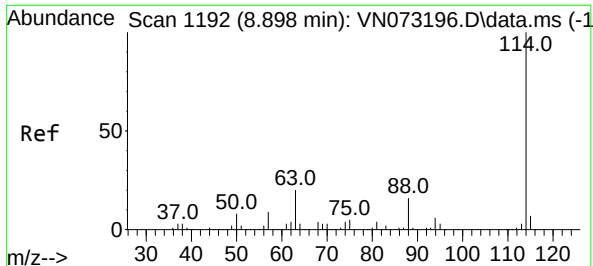
Tgt Ion:168 Resp: 329111
Ion Ratio Lower Upper
168 100
99 57.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.367 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

Tgt Ion: 65 Resp: 201287
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073249.D

Acq: 29 Jun 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

DUP061722

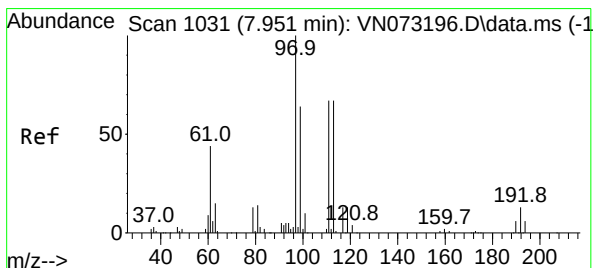
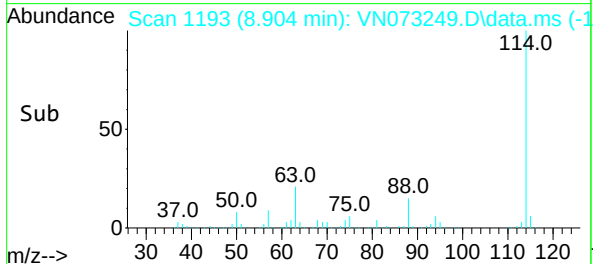
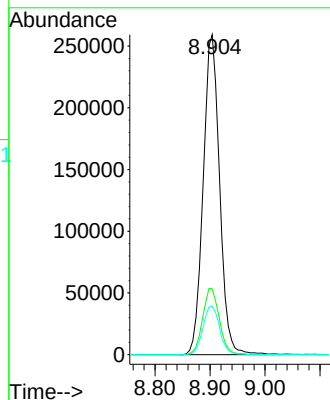
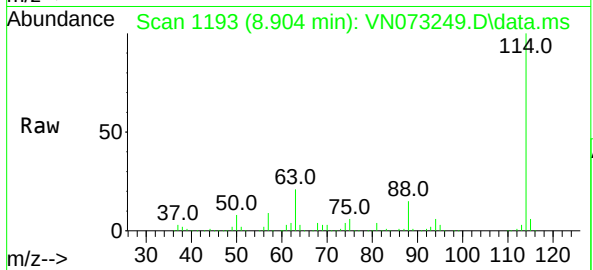
Tgt Ion:114 Resp: 538081

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.177 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073249.D

Acq: 29 Jun 2022 17:43

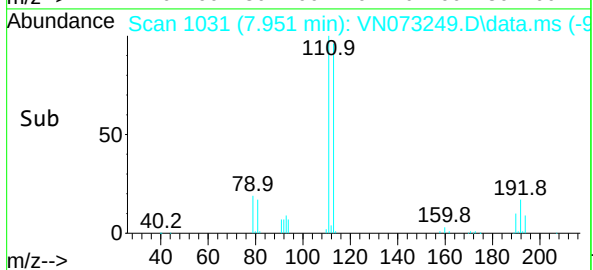
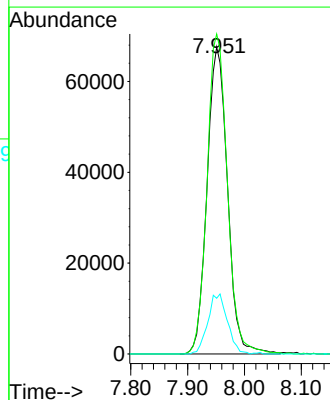
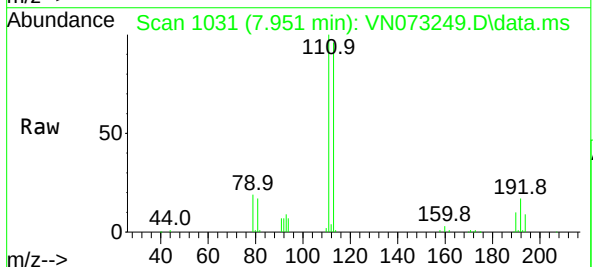
Tgt Ion:113 Resp: 168891

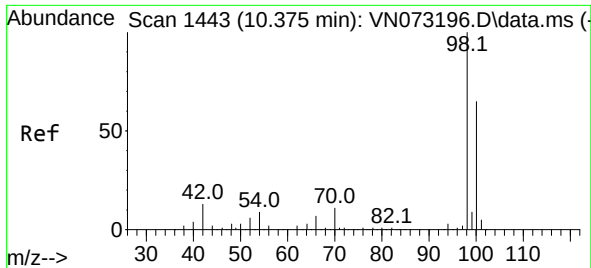
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 18.7 17.0 25.6

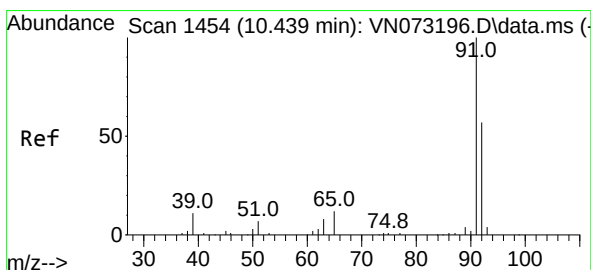
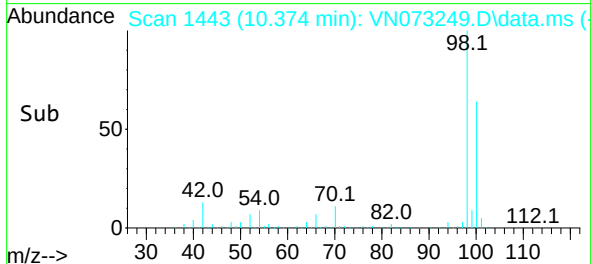
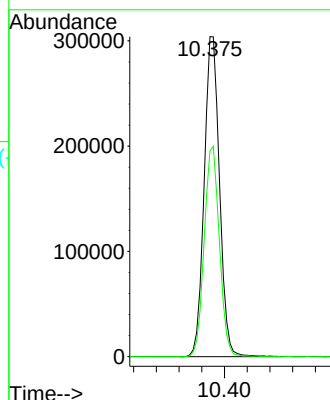
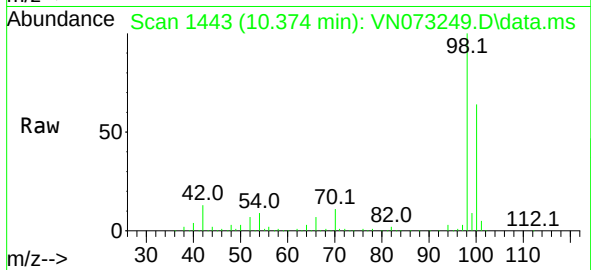




#50
Toluene-d8
Concen: 44.737 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

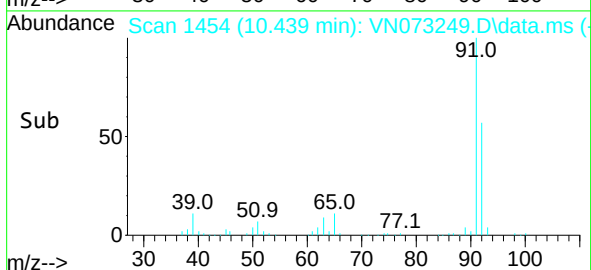
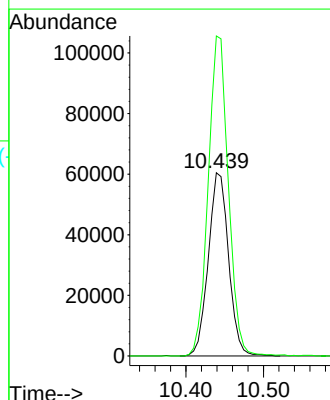
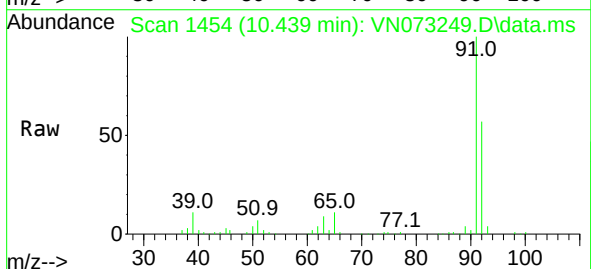
Instrument :
MSVOA_N
ClientSampleId :
DUP061722

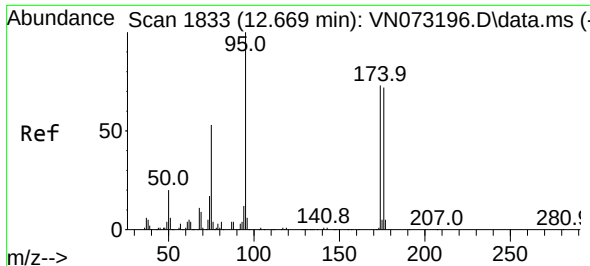
Tgt Ion: 98 Resp: 568812
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#52
Toluene
Concen: 10.450 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

Tgt Ion: 92 Resp: 109783
Ion Ratio Lower Upper
92 100
91 173.7 138.6 207.8

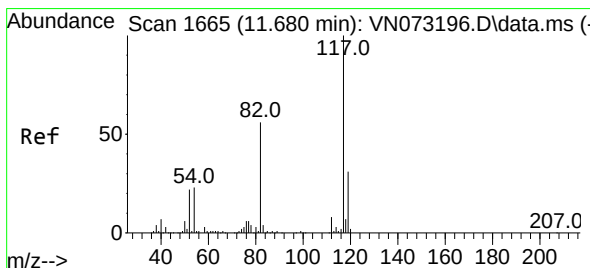
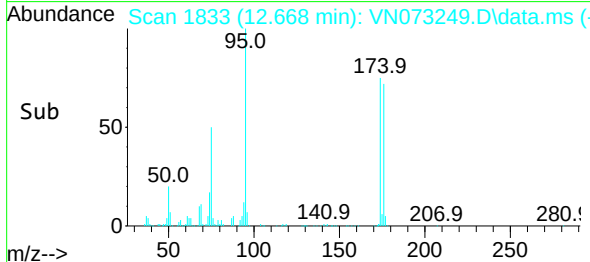
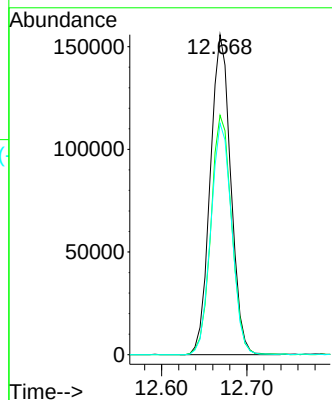
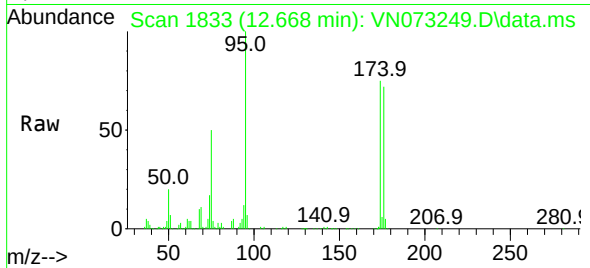




#62
4-Bromofluorobenzene
Concen: 53.535 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

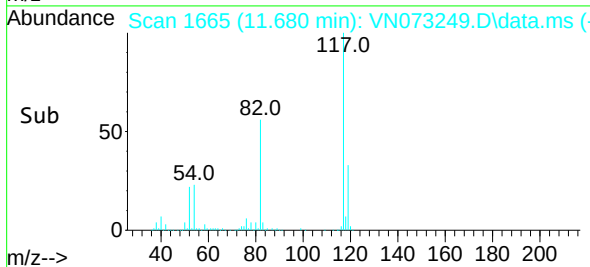
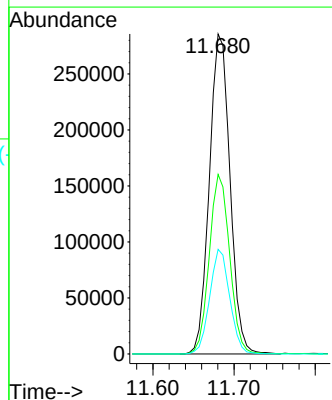
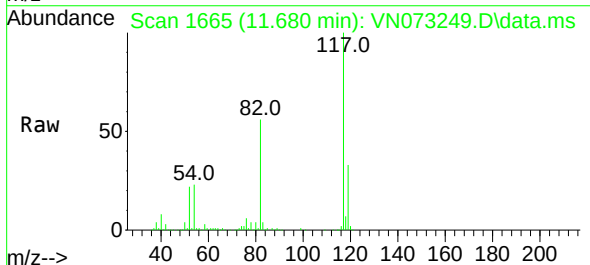
Instrument :
MSVOA_N
ClientSampleId :
DUP061722

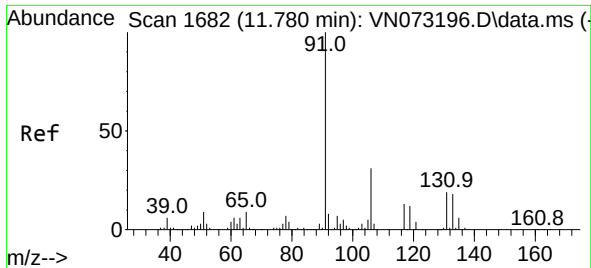
Tgt Ion: 95 Resp: 261585
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 73.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

Tgt Ion: 117 Resp: 504866
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.7 25.4 38.0

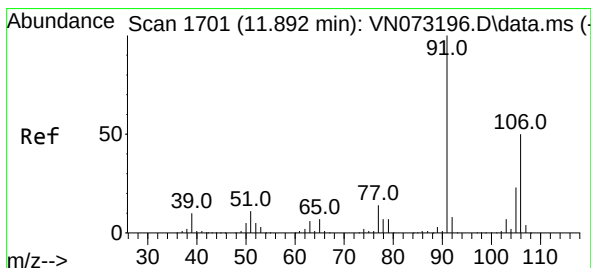
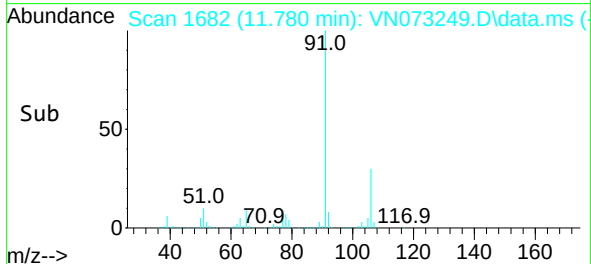
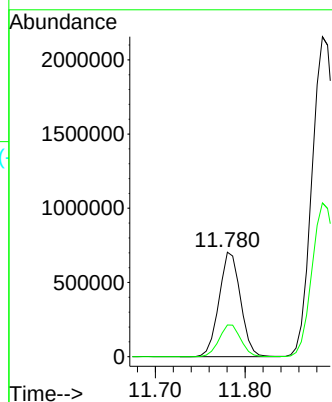
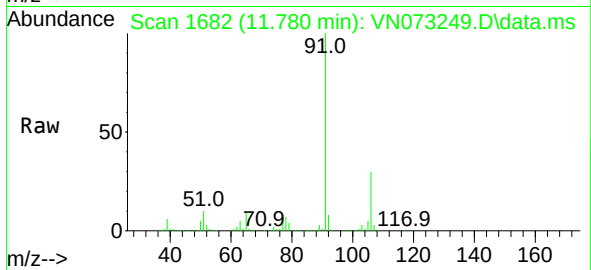




#67
Ethyl Benzene
Concen: 56.468 ug/l
RT: 11.780 min Scan# 1170550
Delta R.T. 0.000 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

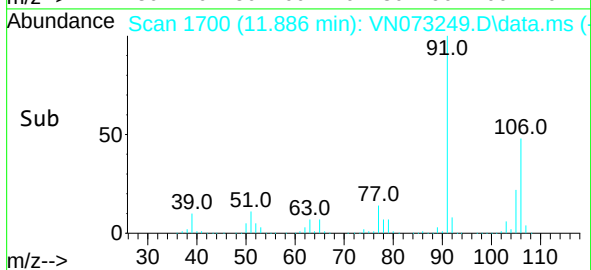
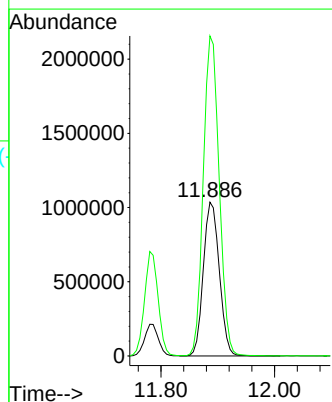
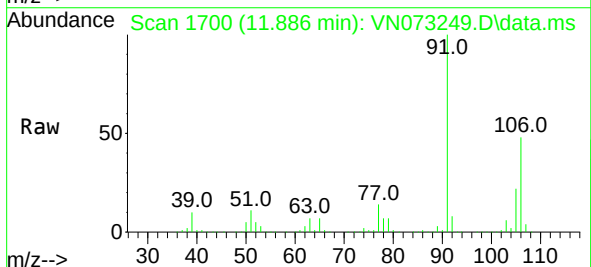
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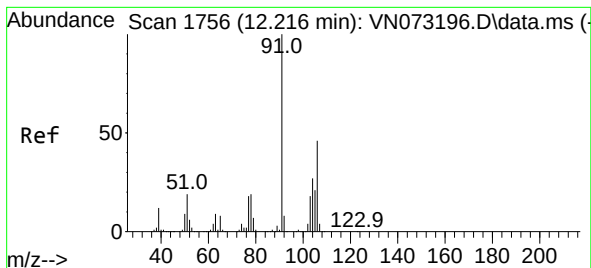
Tgt Ion: 91 Resp: 1170550
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3



#68
m/p-Xylenes
Concen: 257.886 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

Tgt Ion:106 Resp: 2017511
Ion Ratio Lower Upper
106 100
91 207.0 158.9 238.3





#69

o-Xylene

Concen: 123.147 ug/l

RT: 12.216 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073249.D

Acq: 29 Jun 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

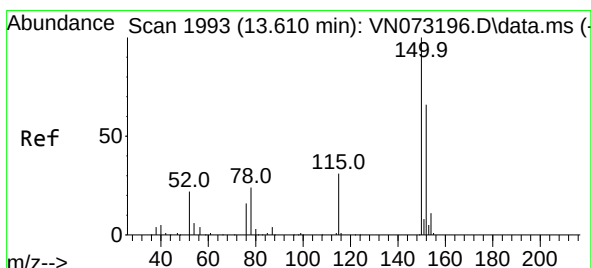
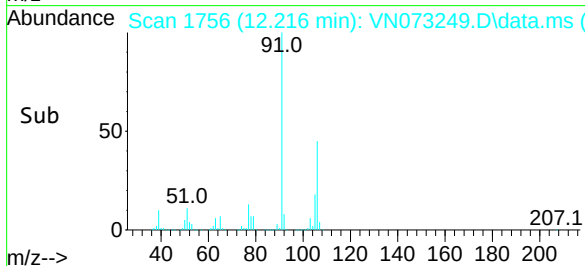
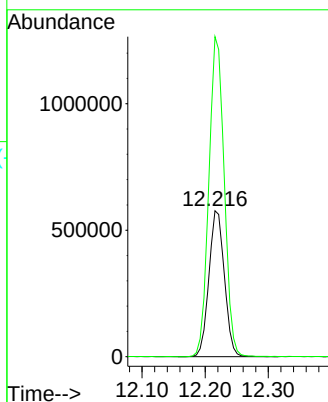
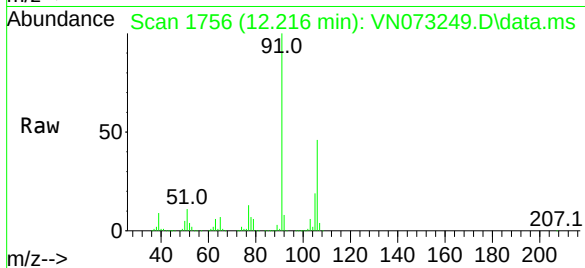
DUP061722

Tgt Ion:106 Resp: 983510

Ion Ratio Lower Upper

106 100

91 217.5 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073249.D

Acq: 29 Jun 2022 17:43

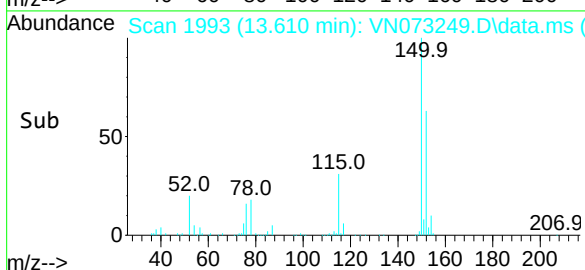
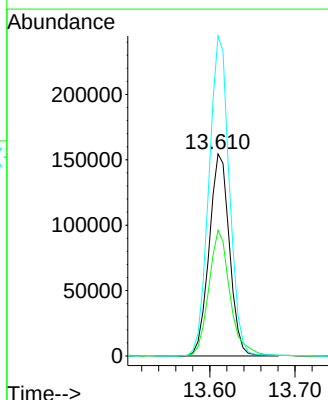
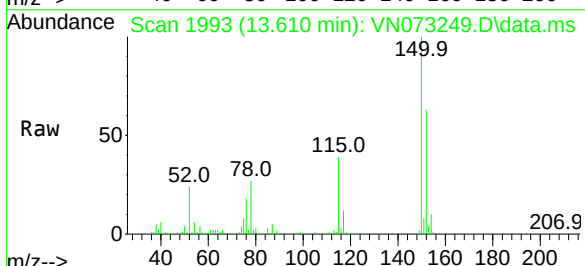
Tgt Ion:152 Resp: 256380

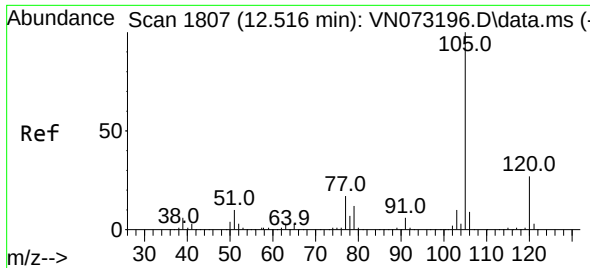
Ion Ratio Lower Upper

152 100

115 65.2 28.9 86.7

150 159.2 0.0 356.2

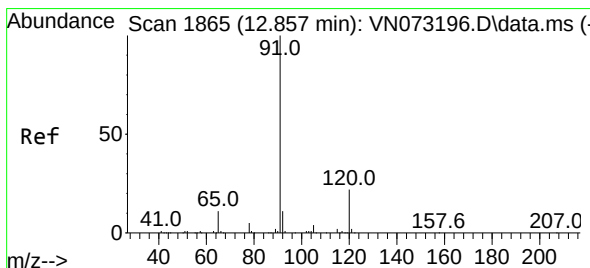
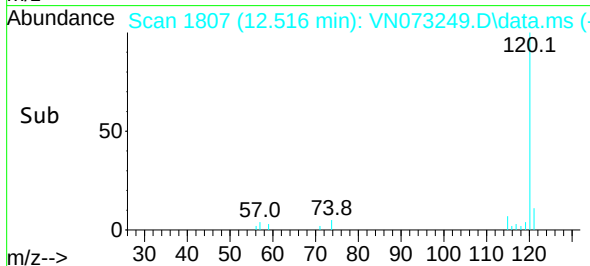
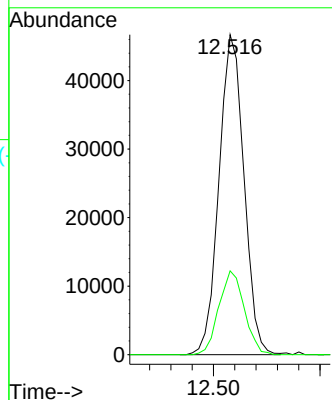
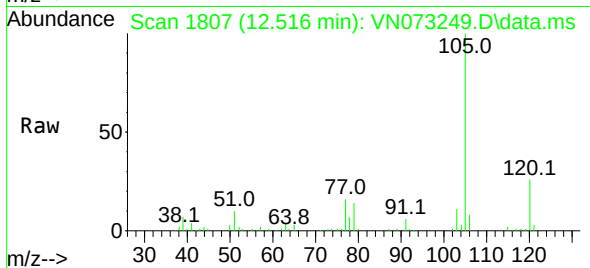




#73
Isopropylbenzene
Concen: 3.429 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

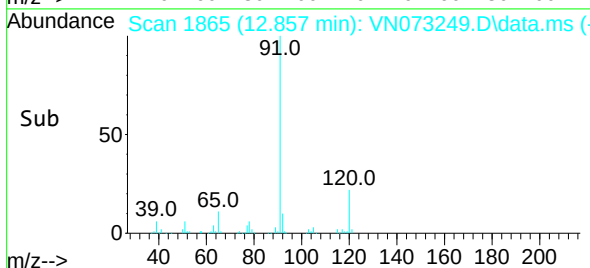
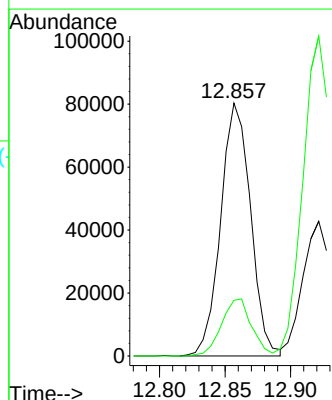
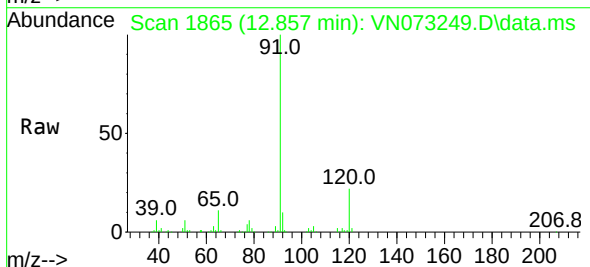
Instrument :
MSVOA_N
ClientSampleId :
DUP061722

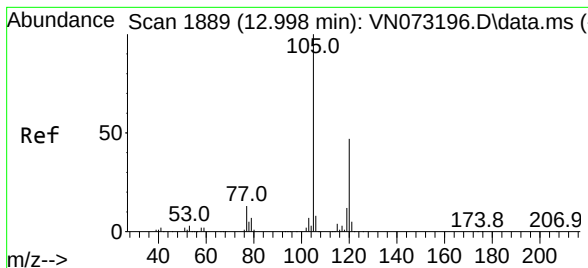
Tgt Ion:105 Resp: 75907
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#78
n-propylbenzene
Concen: 5.187 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

Tgt Ion: 91 Resp: 127579
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 11.225 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073249.D

Acq: 29 Jun 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

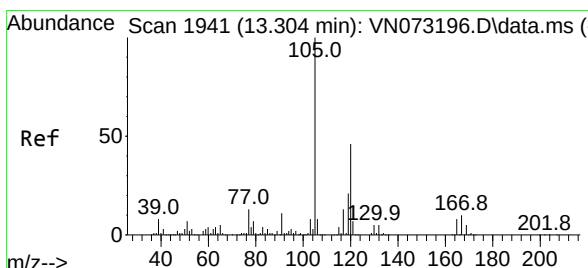
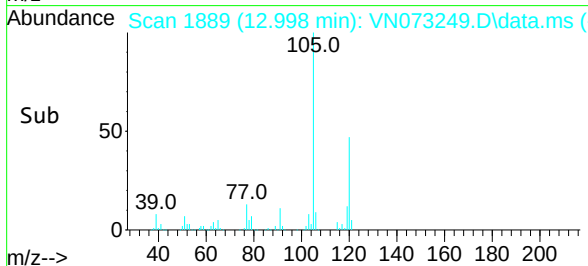
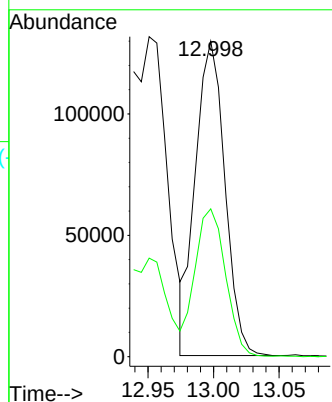
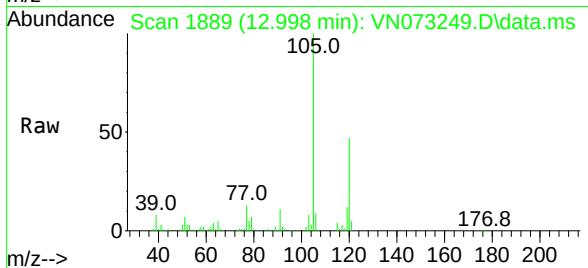
DUP061722

Tgt Ion:105 Resp: 202565

Ion Ratio Lower Upper

105 100

120 48.7 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 44.154 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073249.D

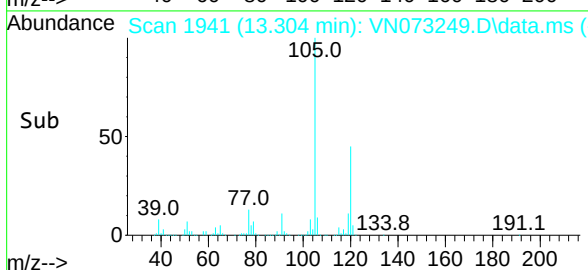
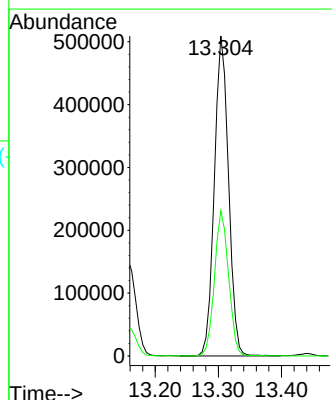
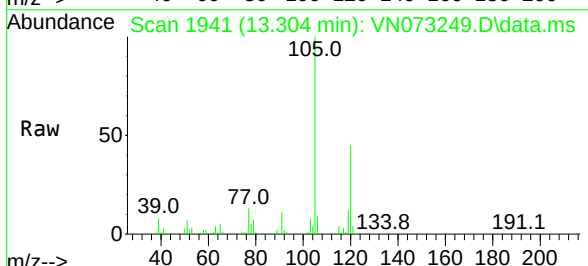
Acq: 29 Jun 2022 17:43

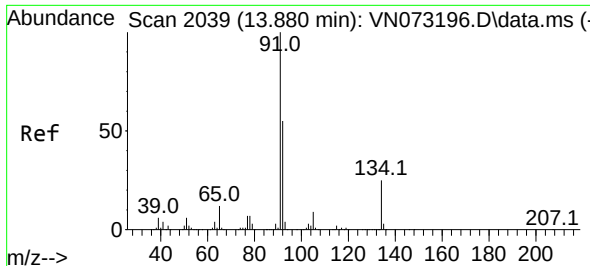
Tgt Ion:105 Resp: 795505

Ion Ratio Lower Upper

105 100

120 45.3 23.3 69.8

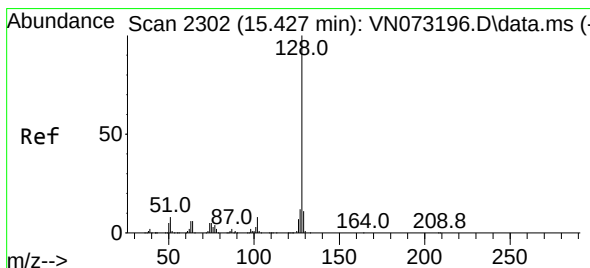
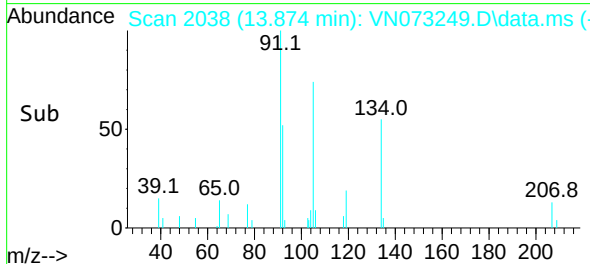
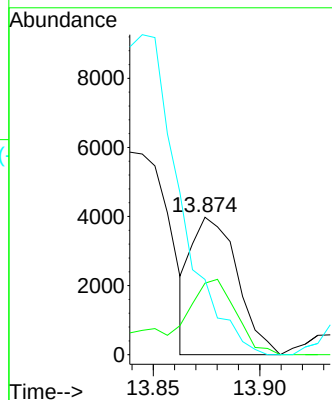
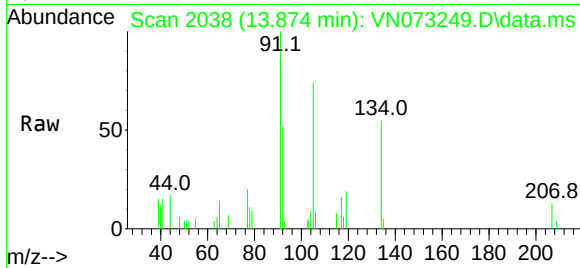




#89
n-Butylbenzene
Concen: 0.409 ug/l
RT: 13.874 min Scan# 2039
Delta R.T. -0.006 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
DUP061722

Tgt Ion: 91 Resp: 5978
Ion Ratio Lower Upper
91 100
92 55.4 26.9 80.7
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 10.332 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073249.D
Acq: 29 Jun 2022 17:43

Tgt Ion:128 Resp: 204149
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.4 8.6 13.0

