

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN073006.D
 Acq On : 22 Jun 2022 06:06
 Operator : JC\MD
 Sample : N3381-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-9

Quant Time: Jun 22 07:05:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

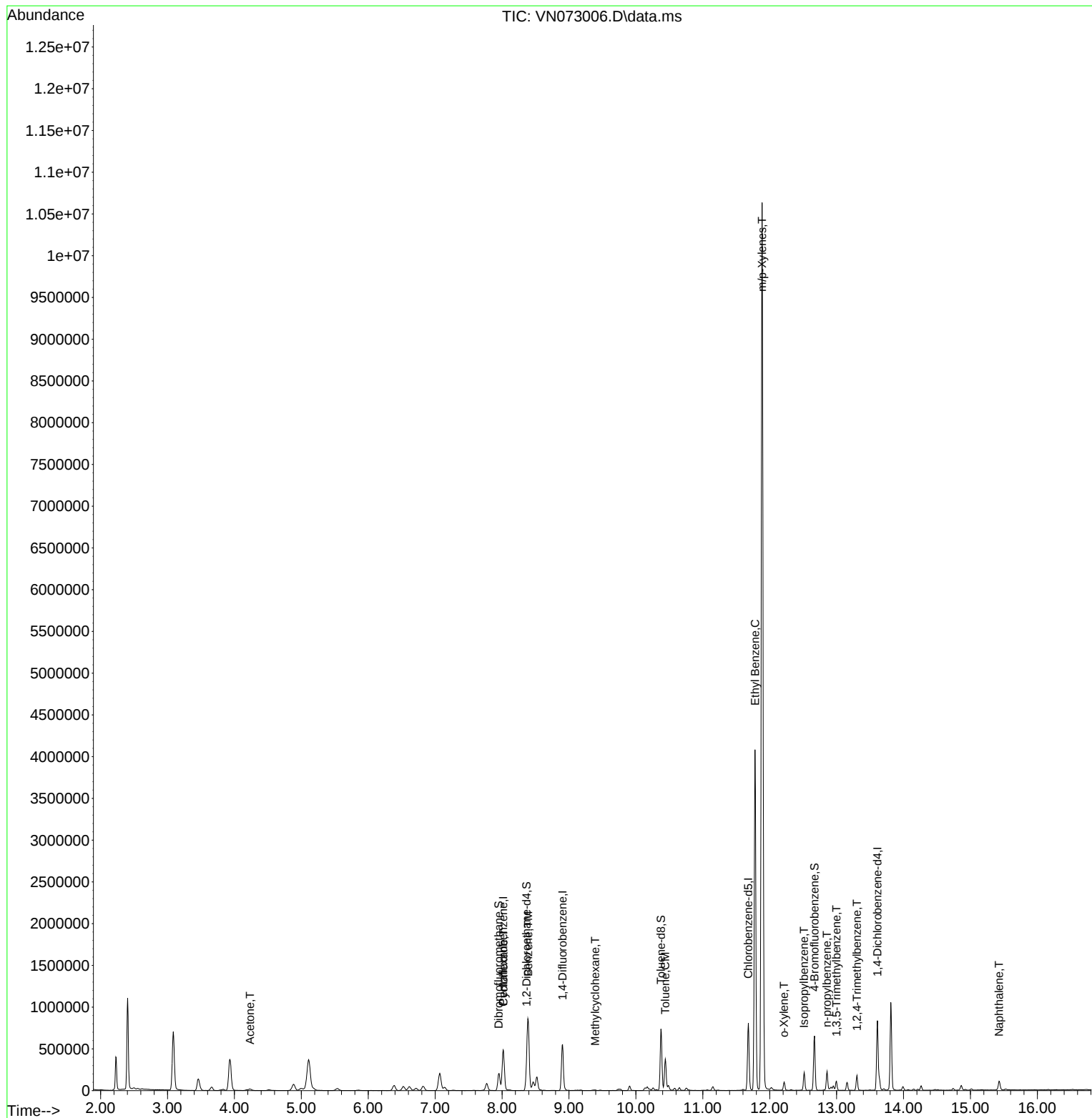
Internal Standards						
1) Pentafluorobenzene	8.016	168	303370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	479702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	450130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	223279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179853	43.851	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.700%
35) Dibromofluoromethane	7.951	113	155039	52.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.580%
50) Toluene-d8	10.374	98	502061	45.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.668	95	224221	56.518	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.040%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	38918	17.262	ug/l	93
31) Cyclohexane	8.022	56	60785	10.956	ug/l #	93
39) Methylcyclohexane	9.392	83	2921	0.604	ug/l #	91
40) Benzene	8.392	78	796840	63.198	ug/l	99
52) Toluene	10.439	92	160558	20.741	ug/l	100
67) Ethyl Benzene	11.780	91	2928806	189.261	ug/l	100
68) m/p-Xylenes	11.886	106	3304797	544.489	ug/l	94
69) o-Xylene	12.216	106	26081	4.300	ug/l	99
73) Isopropylbenzene	12.516	105	137776	7.976	ug/l	99
78) n-propylbenzene	12.857	91	172899	9.100	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	54941	3.872	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	95696	6.772	ug/l	100
95) Naphthalene	15.427	128	104063	6.033	ug/l	99

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

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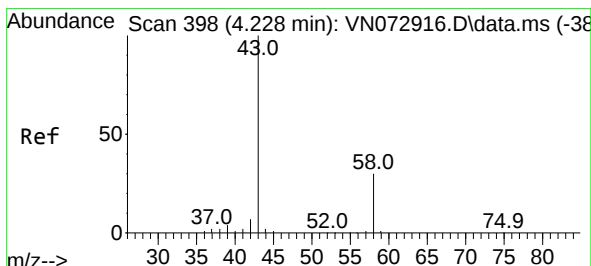
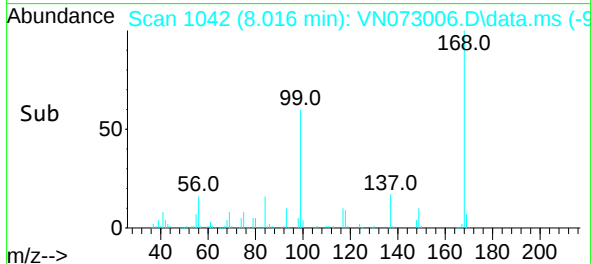
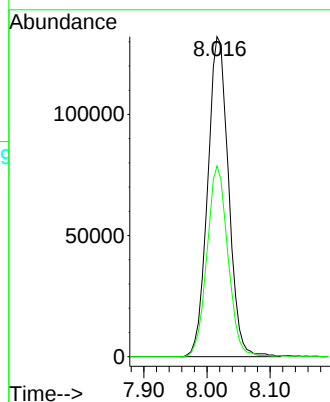
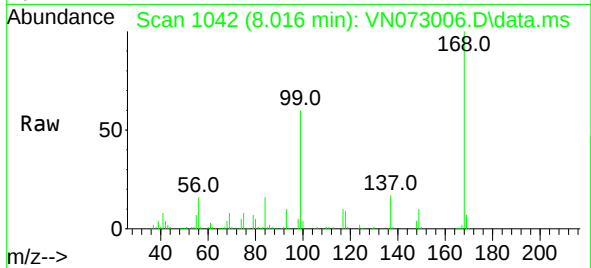




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

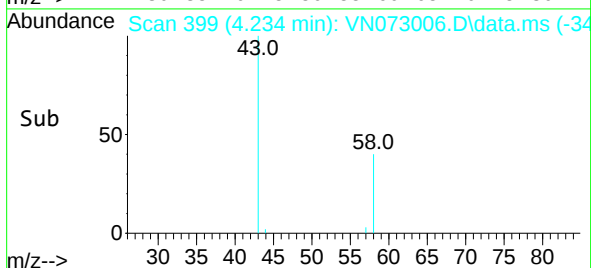
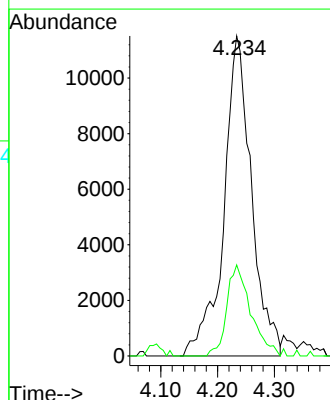
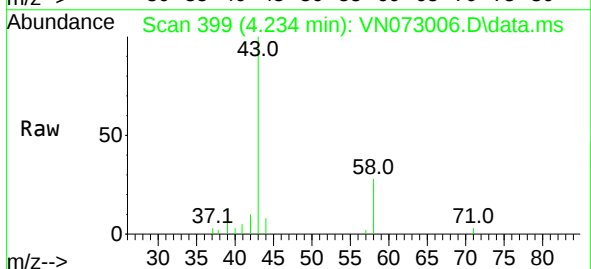
Instrument :
MSVOA_N
ClientSampleId :
PZ-9

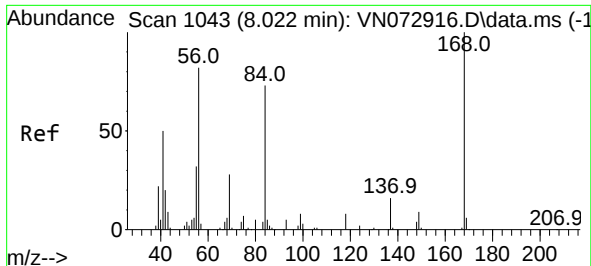
Tgt Ion:168 Resp: 303370
Ion Ratio Lower Upper
168 100
99 59.6 42.3 63.5



#16
Acetone
Concen: 17.262 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

Tgt Ion: 43 Resp: 38918
Ion Ratio Lower Upper
43 100
58 28.5 26.0 39.0

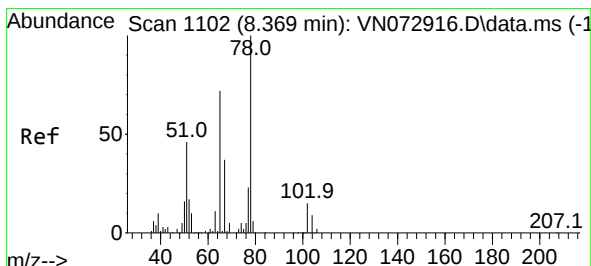
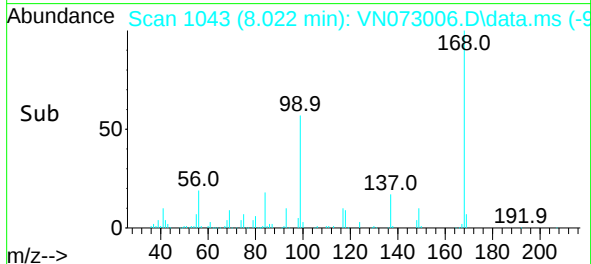
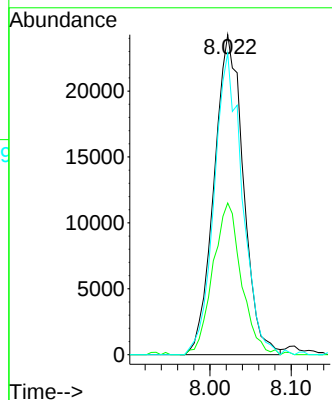
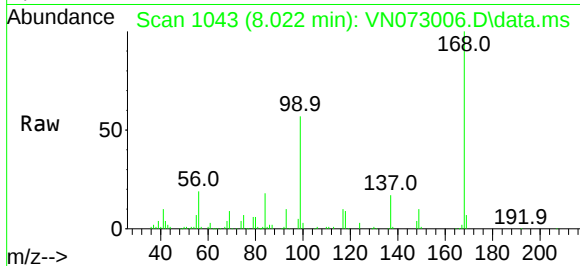




#31
Cyclohexane
Concen: 10.956 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

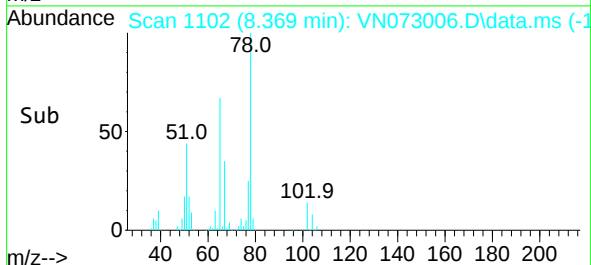
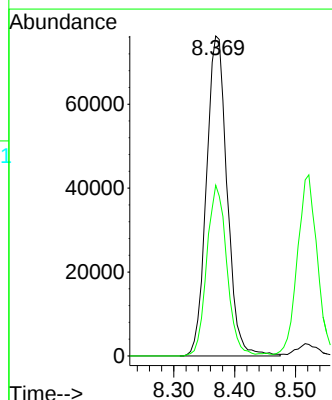
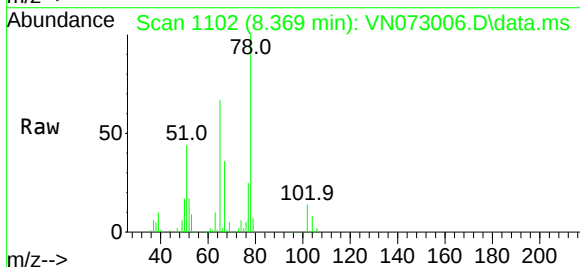
Instrument :
MSVOA_N
ClientSampleId :
PZ-9

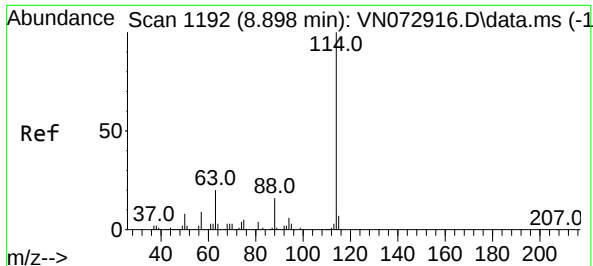
Tgt Ion: 56 Resp: 60785
Ion Ratio Lower Upper
56 100
69 47.4 27.8 41.8#
84 94.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 43.851 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

Tgt Ion: 65 Resp: 179853
Ion Ratio Lower Upper
65 100
67 51.6 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: VN073006.D

Acq: 22 Jun 2022 06:06

Instrument :

MSVOA_N

ClientSampleId :

PZ-9

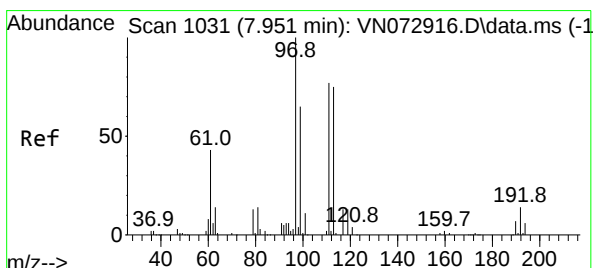
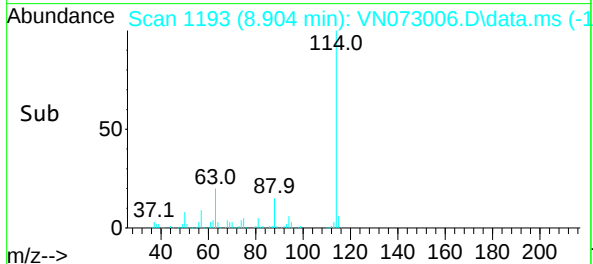
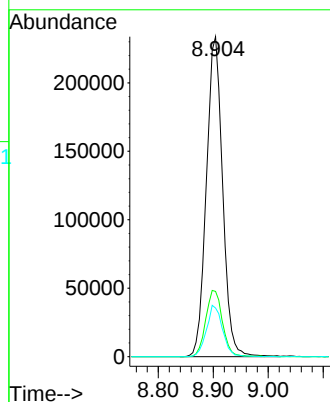
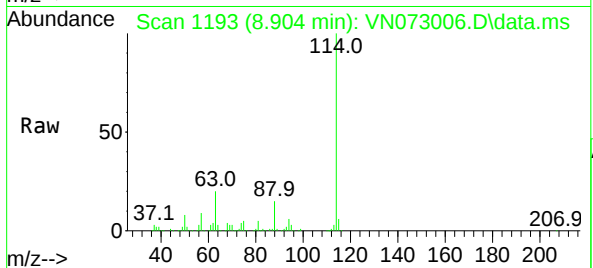
Tgt Ion:114 Resp: 479702

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.290 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073006.D

Acq: 22 Jun 2022 06:06

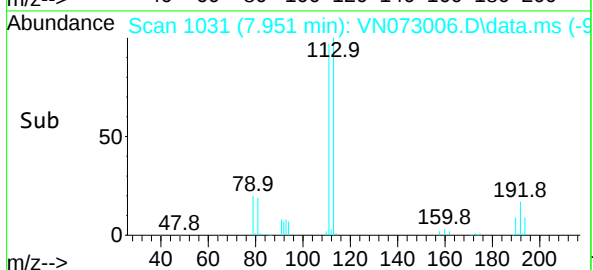
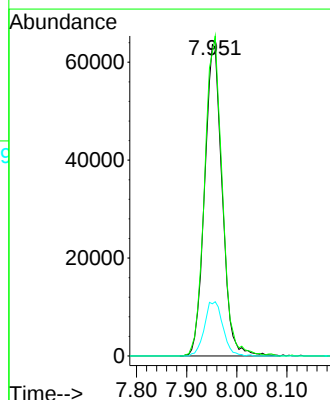
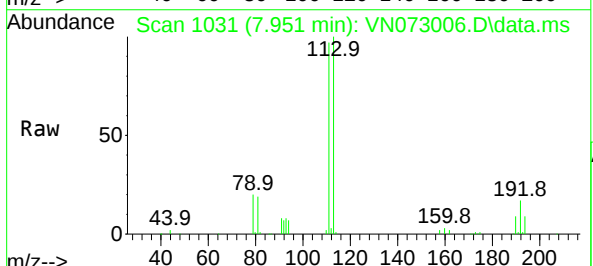
Tgt Ion:113 Resp: 155039

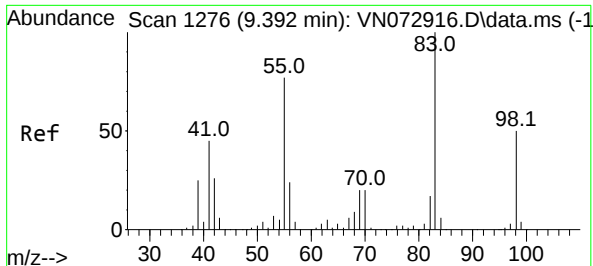
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 18.2 17.0 25.6





#39

Methylcyclohexane

Concen: 0.604 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073006.D

Acq: 22 Jun 2022 06:06

Instrument :

MSVOA_N

ClientSampleId :

PZ-9

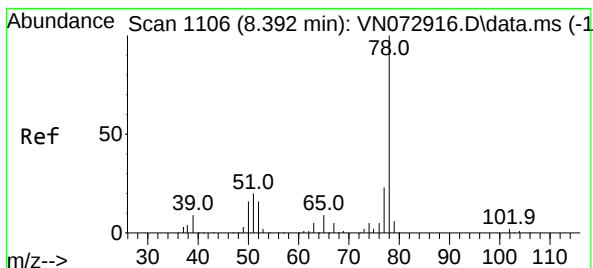
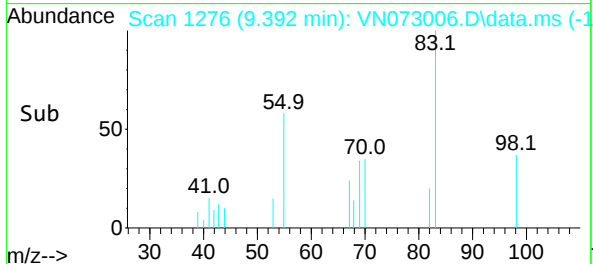
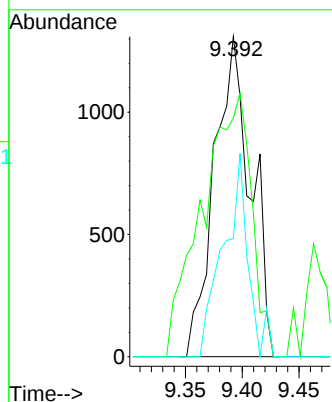
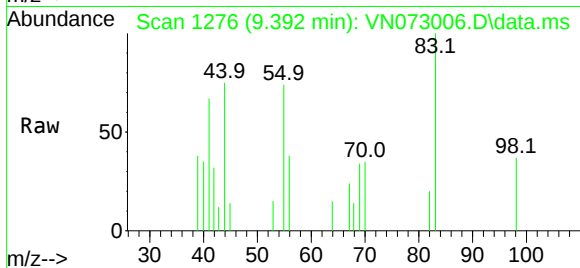
Tgt Ion: 83 Resp: 2921

Ion Ratio Lower Upper

83 100

55 74.5 57.8 86.8

98 36.9 39.4 59.2#



#40

Benzene

Concen: 63.198 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073006.D

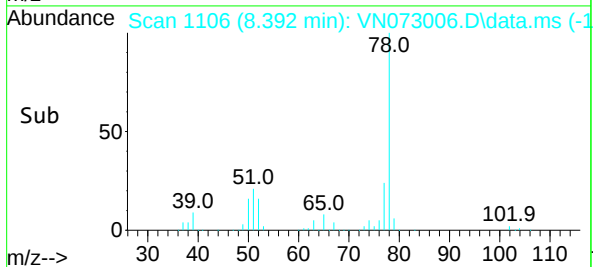
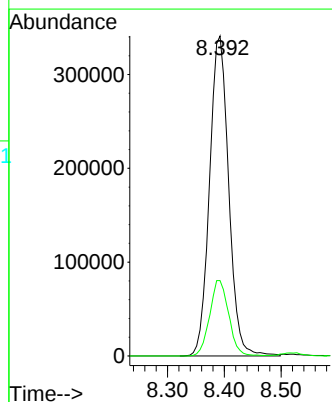
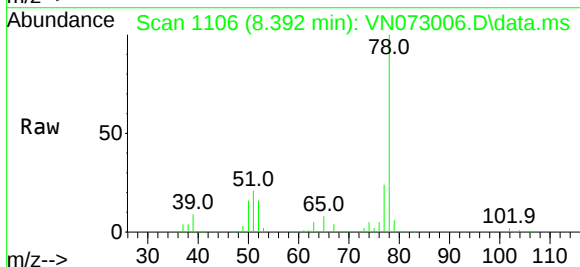
Acq: 22 Jun 2022 06:06

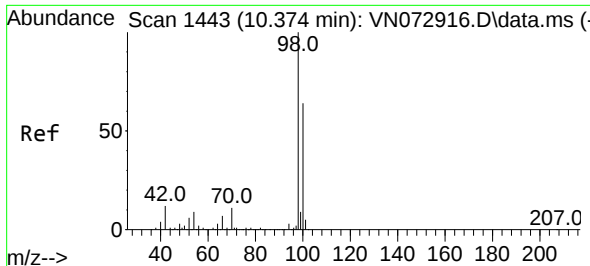
Tgt Ion: 78 Resp: 796840

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

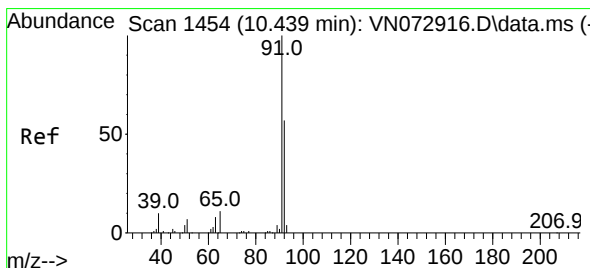
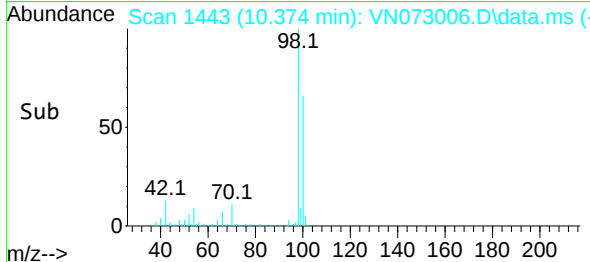
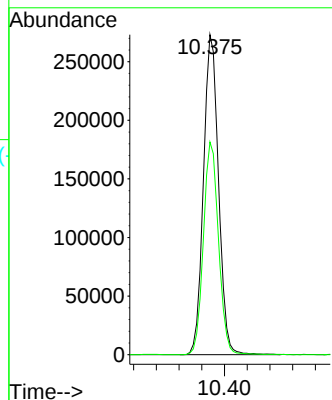
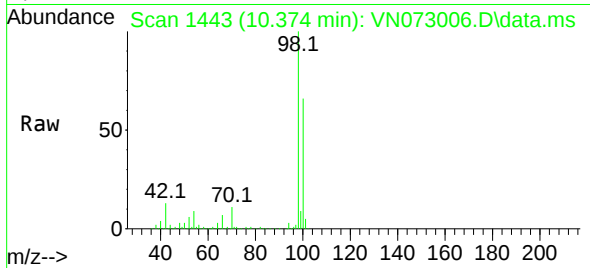




#50
Toluene-d8
Concen: 45.506 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

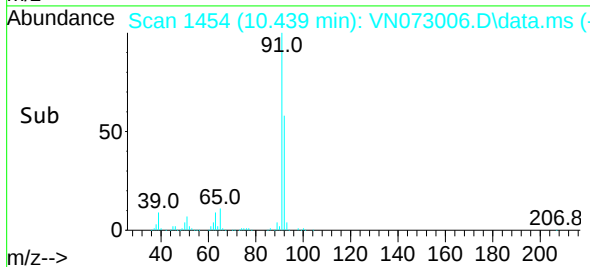
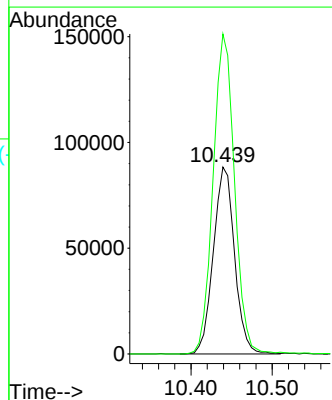
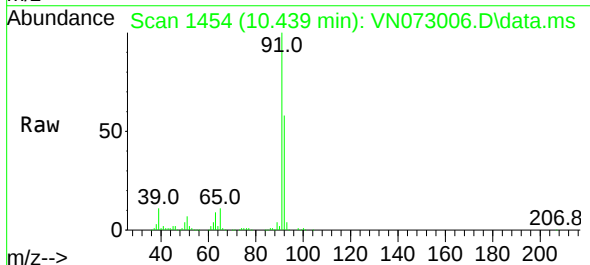
Instrument :
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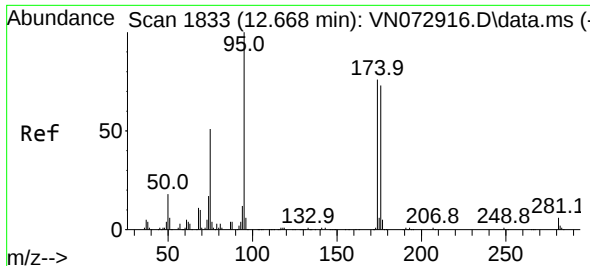
Tgt Ion: 98 Resp: 502061
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#52
Toluene
Concen: 20.741 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

Tgt Ion: 92 Resp: 160558
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8

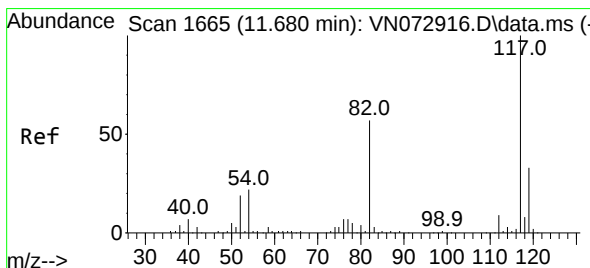
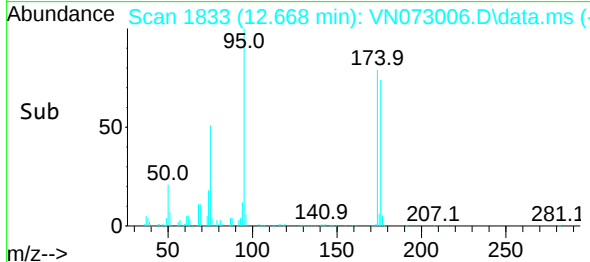
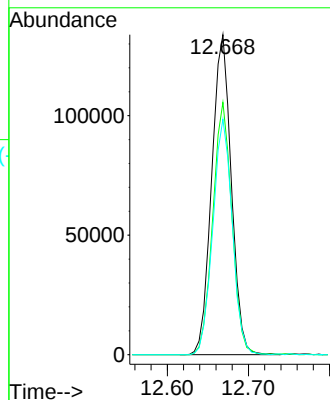
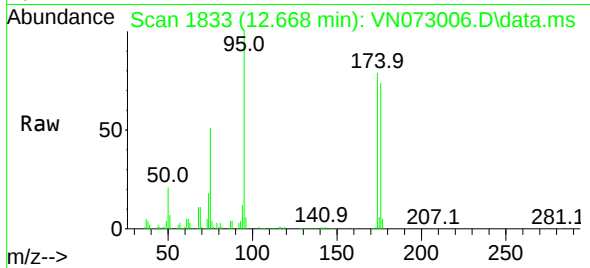




#62
4-Bromofluorobenzene
Concen: 56.518 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

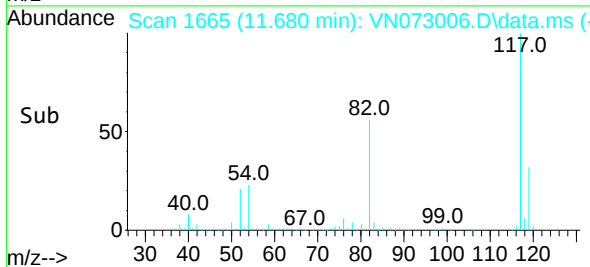
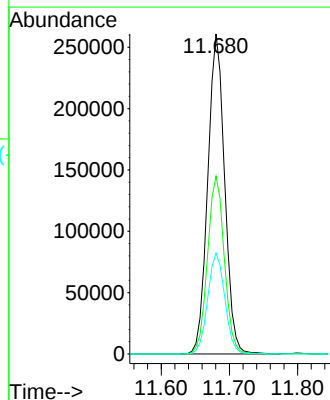
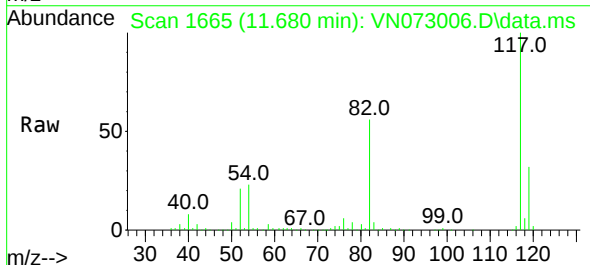
Instrument :
MSVOA_N
ClientSampleId :
PZ-9

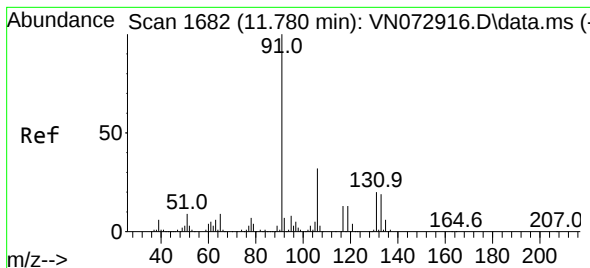
Tgt Ion: 95 Resp: 224221
Ion Ratio Lower Upper
95 100
174 77.0 0.0 167.6
176 72.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

Tgt Ion: 117 Resp: 450130
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.6 25.4 38.0





#67

Ethyl Benzene

Concen: 189.261 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073006.D

Acq: 22 Jun 2022 06:06

Instrument :

MSVOA_N

ClientSampleId :

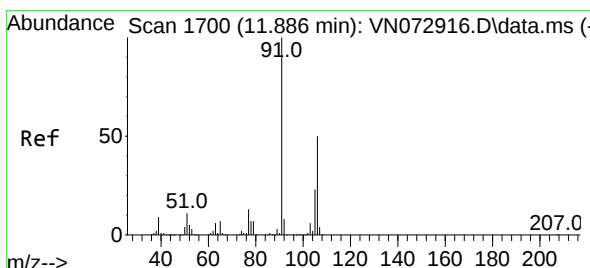
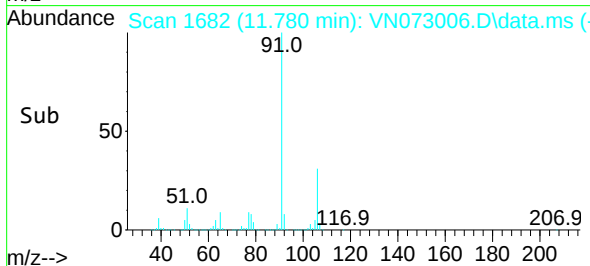
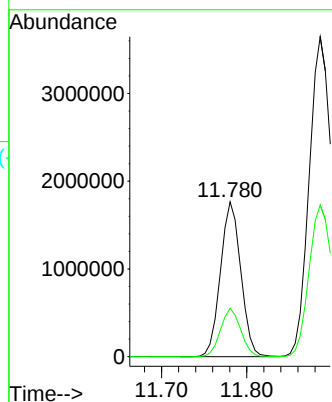
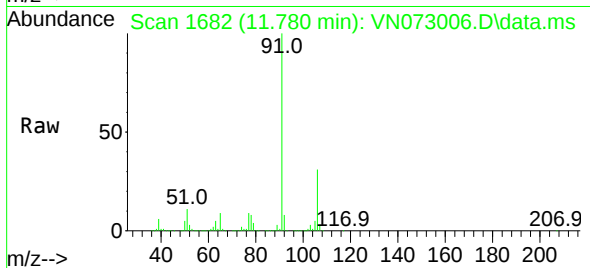
PZ-9

Tgt Ion: 91 Resp: 2928806

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 544.489 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VN073006.D

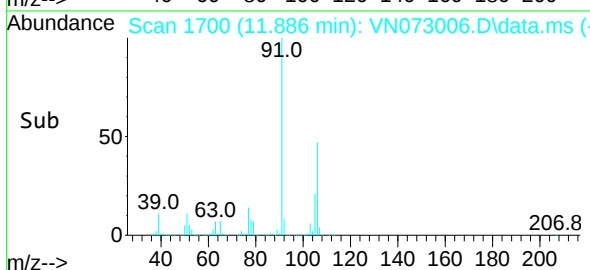
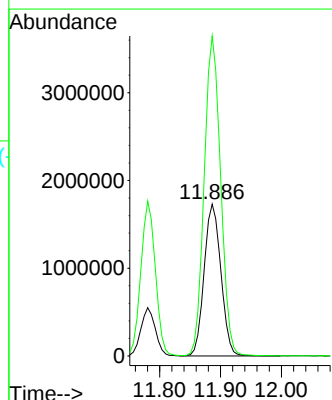
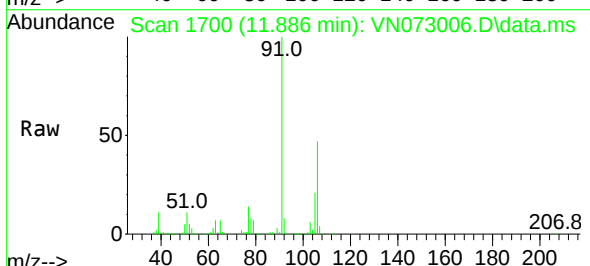
Acq: 22 Jun 2022 06:06

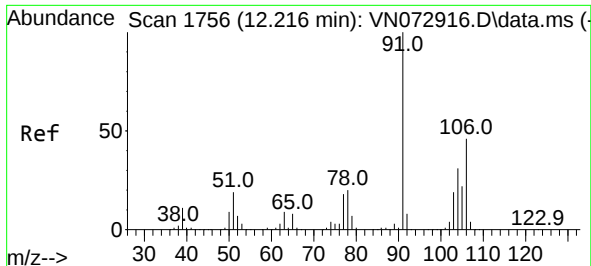
Tgt Ion:106 Resp: 3304797

Ion Ratio Lower Upper

106 100

91 207.3 158.9 238.3

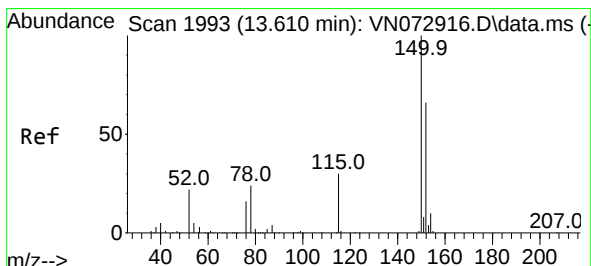
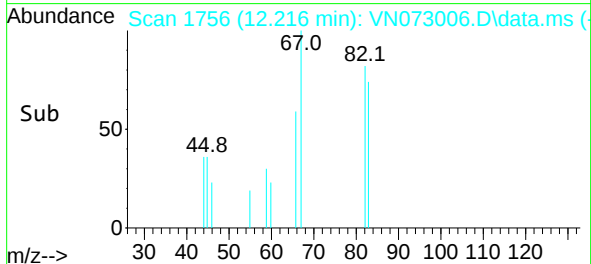
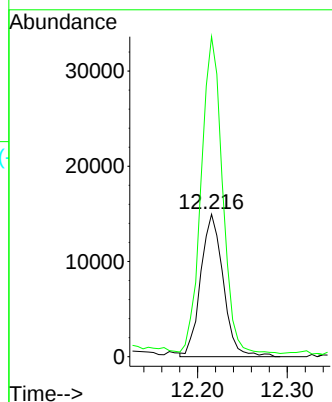
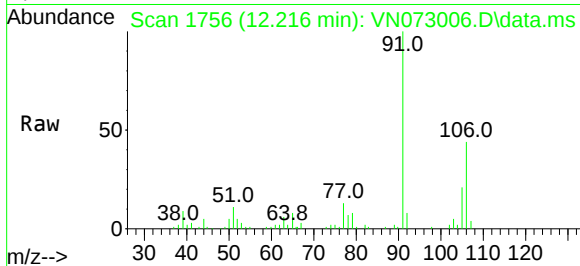




#69
o-Xylene
Concen: 4.300 ug/l
RT: 12.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

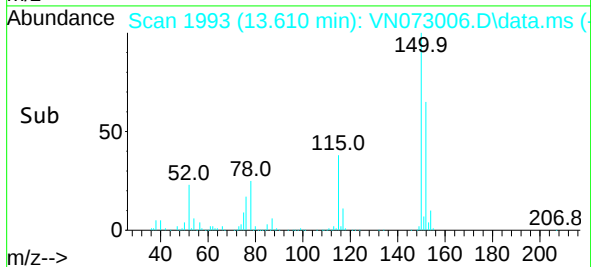
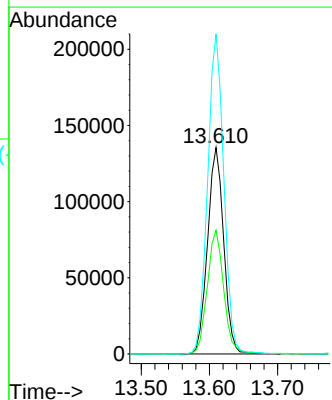
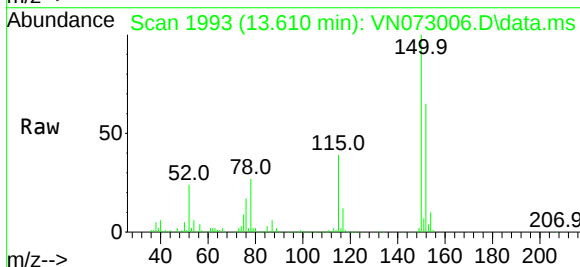
Instrument :
MSVOA_N
ClientSampleId :
PZ-9

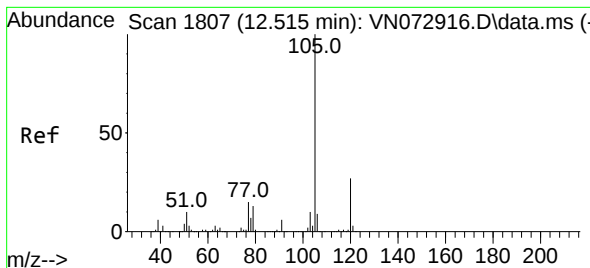
Tgt Ion:106 Resp: 26081
Ion Ratio Lower Upper
106 100
91 210.3 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

Tgt Ion:152 Resp: 223279
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 155.6 0.0 356.2





#73

Isopropylbenzene

Concen: 7.976 ug/l

RT: 12.516 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073006.D

Acq: 22 Jun 2022 06:06

Instrument :

MSVOA_N

ClientSampleId :

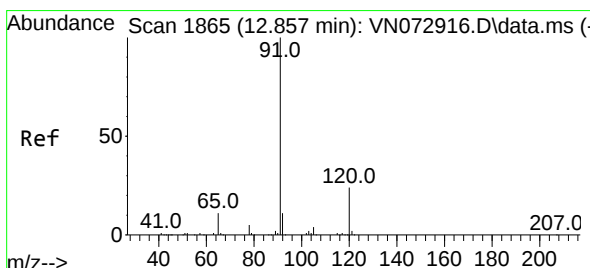
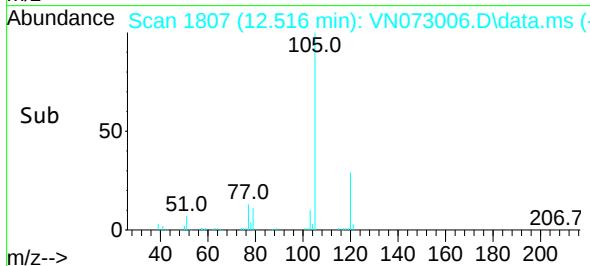
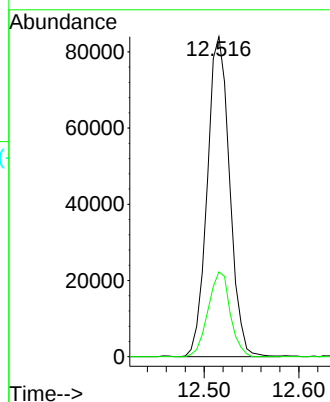
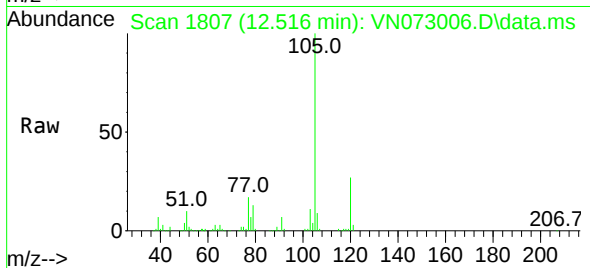
PZ-9

Tgt Ion:105 Resp: 137776

Ion Ratio Lower Upper

105 100

120 26.1 13.5 40.4



#78

n-propylbenzene

Concen: 9.100 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073006.D

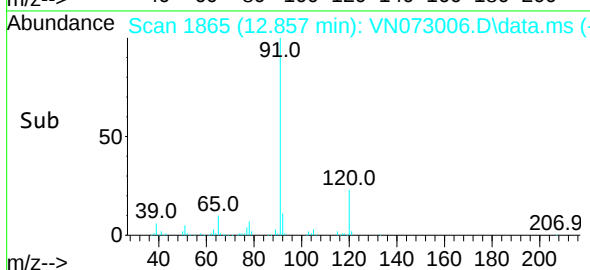
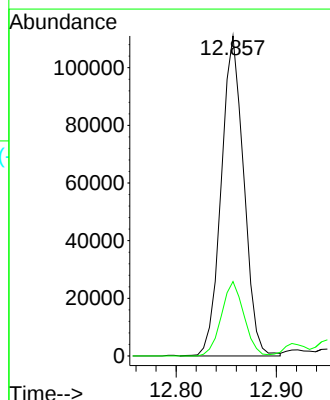
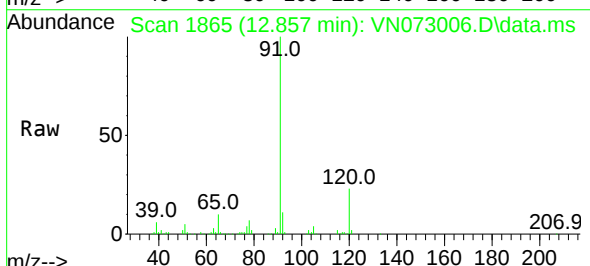
Acq: 22 Jun 2022 06:06

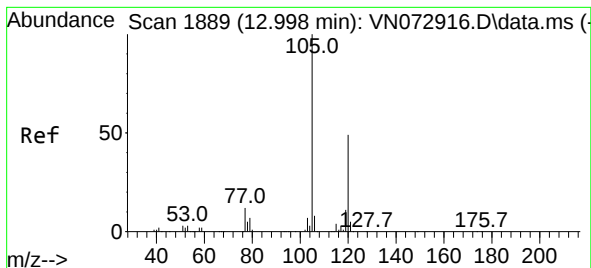
Tgt Ion: 91 Resp: 172899

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 3.872 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073006.D

Acq: 22 Jun 2022 06:06

Instrument :

MSVOA_N

ClientSampleId :

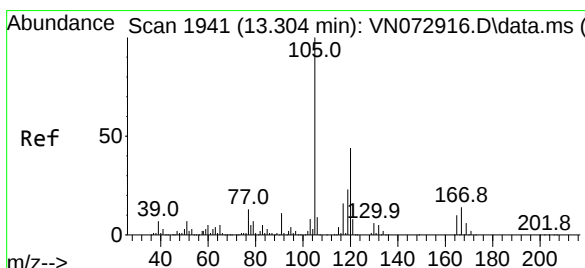
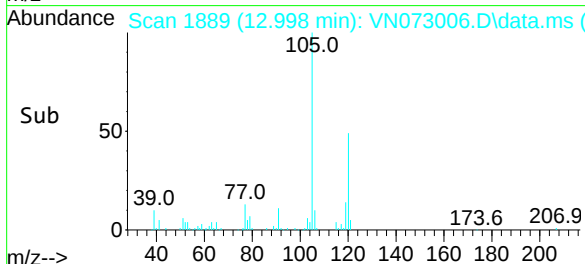
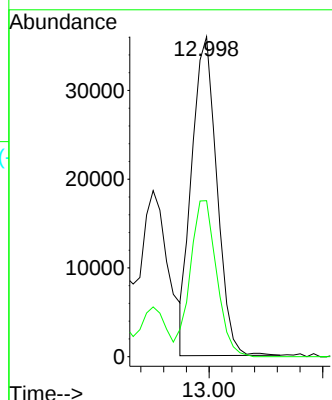
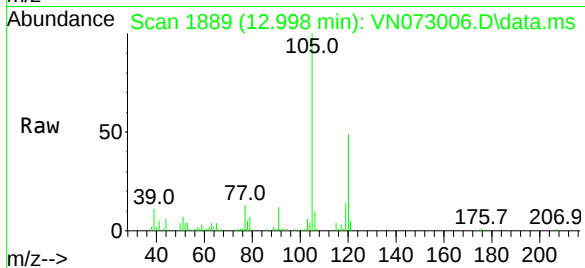
PZ-9

Tgt Ion:105 Resp: 54941

Ion Ratio Lower Upper

105 100

120 51.8 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 6.772 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073006.D

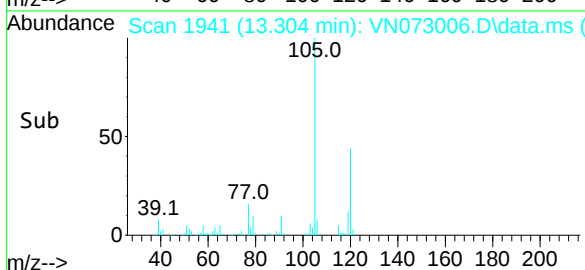
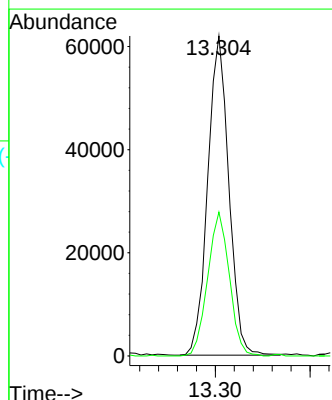
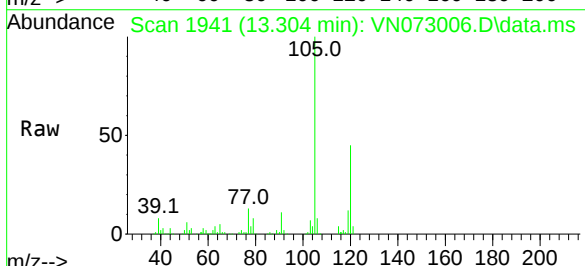
Acq: 22 Jun 2022 06:06

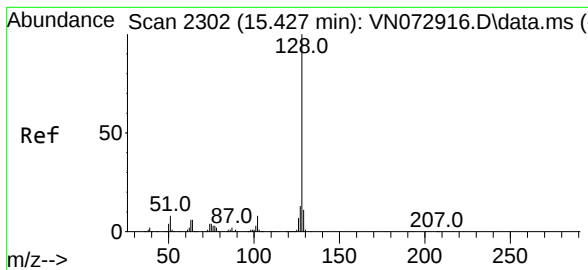
Tgt Ion:105 Resp: 95696

Ion Ratio Lower Upper

105 100

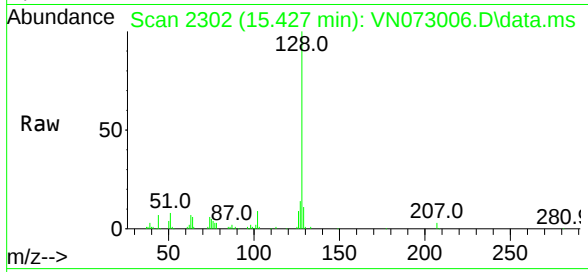
120 46.3 23.3 69.8





#95
Naphthalene
Concen: 6.033 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073006.D
Acq: 22 Jun 2022 06:06

Instrument :
MSVOA_N
ClientSampleId :
PZ-9



Tgt Ion:	128	Resp:	104063
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.5	8.6	13.0

