

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073048.D
 Acq On : 23 Jun 2022 15:03
 Operator : JC\MD
 Sample : N3381-16DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-7DL

Quant Time: Jun 24 01:18:55 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	326621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	528597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	476305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	233127	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196848	44.578	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.160%
35) Dibromofluoromethane	7.951	113	166367	50.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.840%
50) Toluene-d8	10.375	98	543571	44.711	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.669	95	241174	55.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.340%

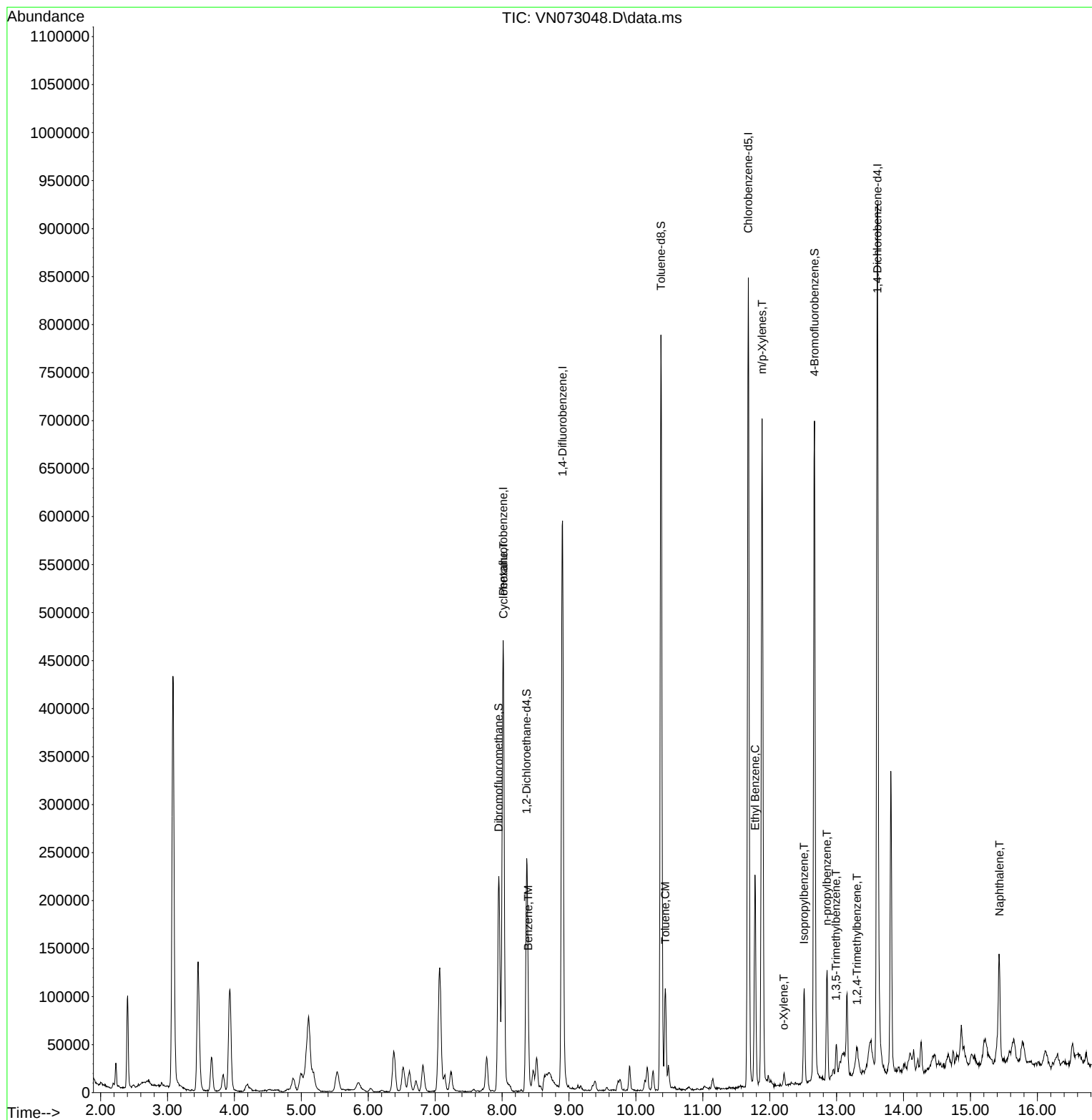
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	8.022	56	34057	5.702	ug/l	# 87
40) Benzene	8.392	78	25570	1.840	ug/l	96
52) Toluene	10.439	92	44447	5.211	ug/l	97
67) Ethyl Benzene	11.780	91	155414	9.491	ug/l	96
68) m/p-Xylenes	11.886	106	212181	33.037	ug/l	92
69) o-Xylene	12.210	106	3596	0.560	ug/l	92
73) Isopropylbenzene	12.516	105	66857	3.707	ug/l	99
78) n-propylbenzene	12.857	91	93138	4.695	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	16654	1.124	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	6059	0.411	ug/l	96
95) Naphthalene	15.433	128	97287	5.402	ug/l	95

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

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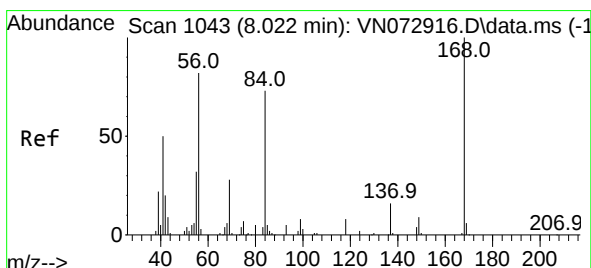
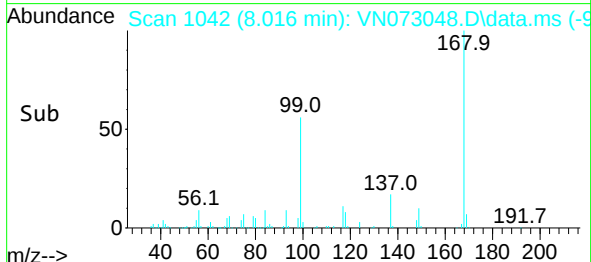
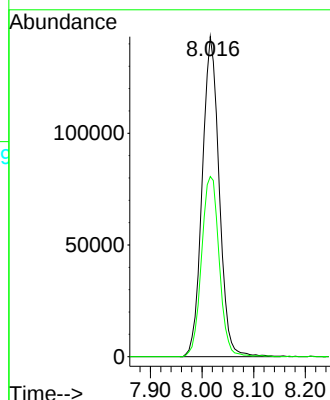
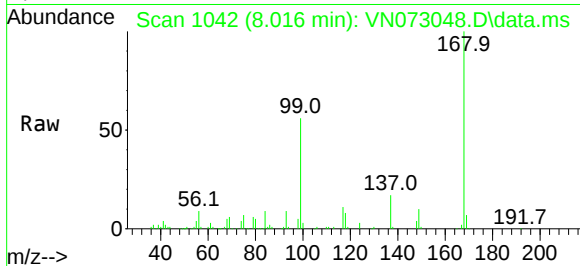




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073048.D
Acq: 23 Jun 2022 15:03

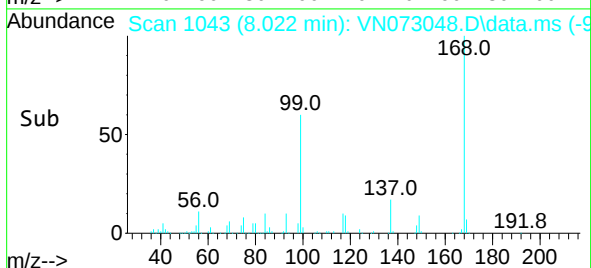
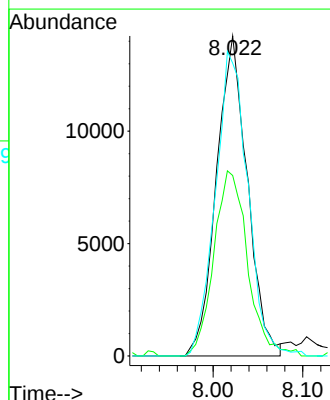
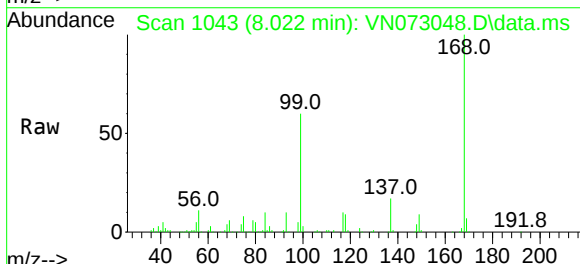
Instrument :
MSVOA_N
ClientSampleId :
PZ-7DL

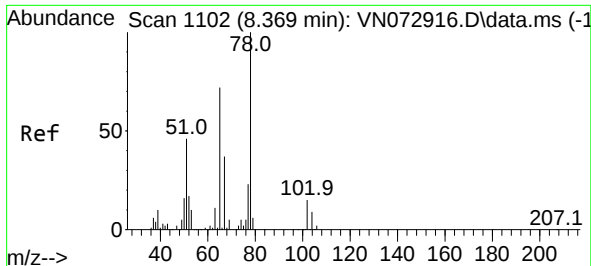
Tgt Ion:168 Resp: 326621
Ion Ratio Lower Upper
168 100
99 56.3 42.3 63.5



#31
Cyclohexane
Concen: 5.702 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073048.D
Acq: 23 Jun 2022 15:03

Tgt Ion: 56 Resp: 34057
Ion Ratio Lower Upper
56 100
69 56.4 27.8 41.8#
84 91.5 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 44.578 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073048.D

Acq: 23 Jun 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

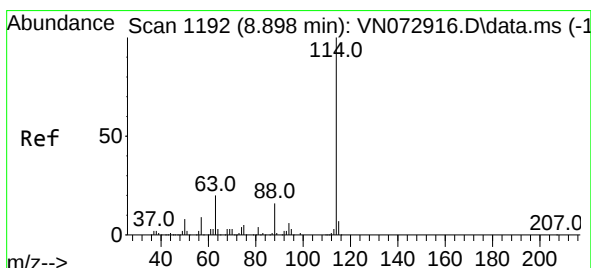
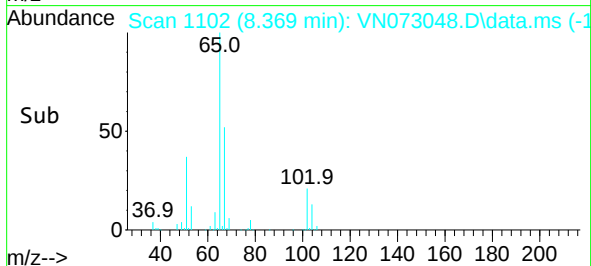
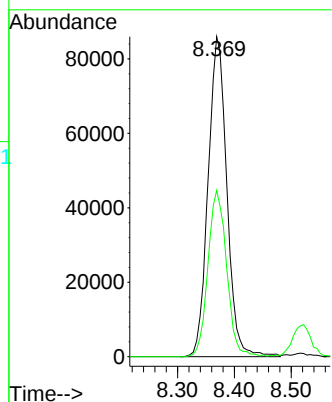
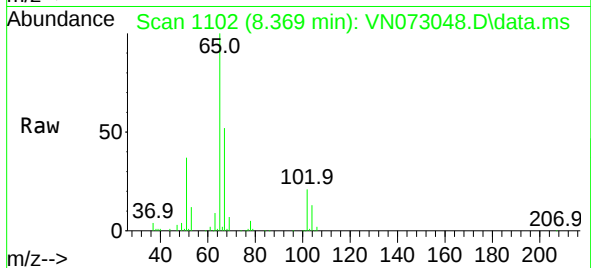
PZ-7DL

Tgt Ion: 65 Resp: 196848

Ion Ratio Lower Upper

65 100

67 51.7 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: VN073048.D

Acq: 23 Jun 2022 15:03

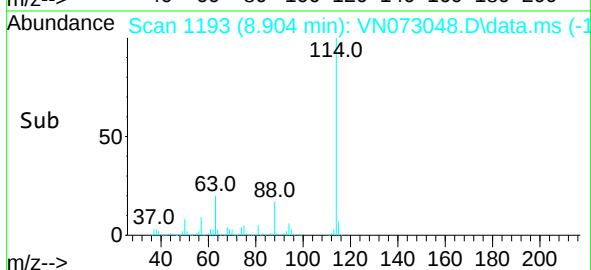
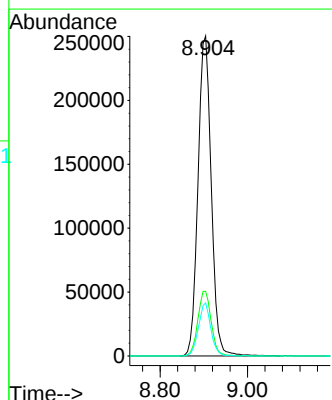
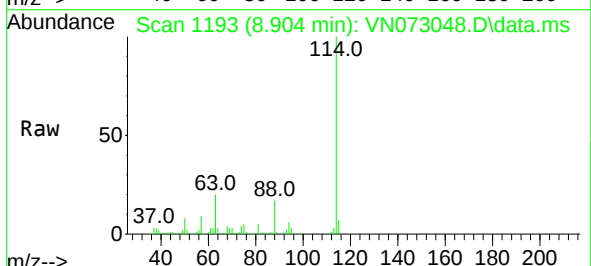
Tgt Ion: 114 Resp: 528597

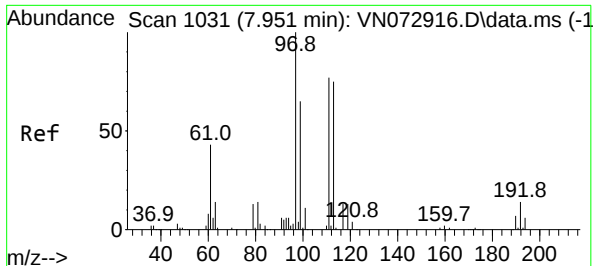
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 16.6 0.0 32.6

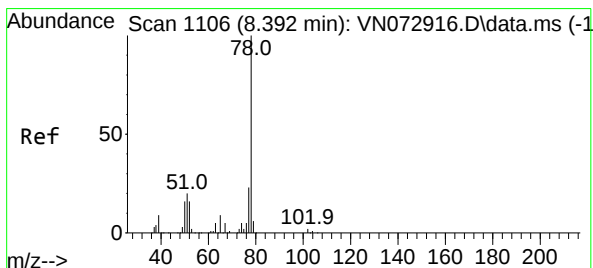
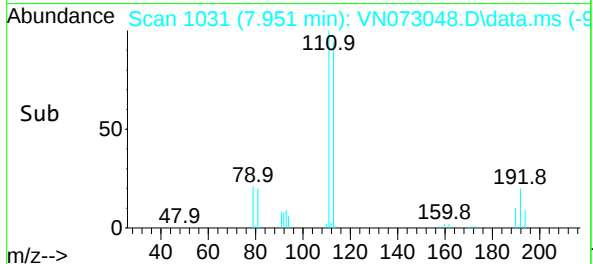
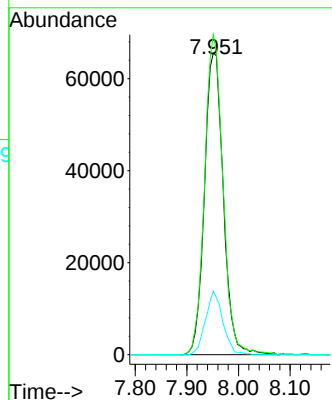
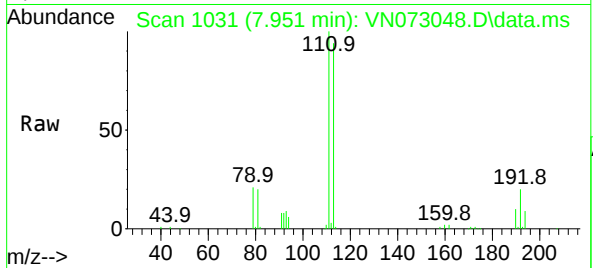




#35
Dibromofluoromethane
Concen: 50.920 ug/l
RT: 7.951 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN073048.D
Acq: 23 Jun 2022 15:03

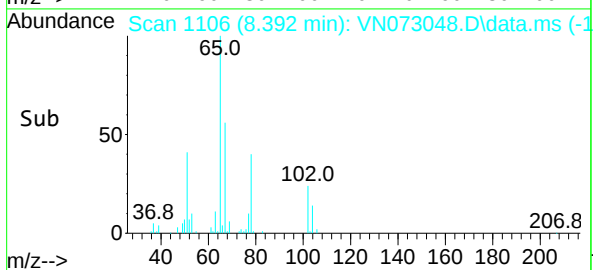
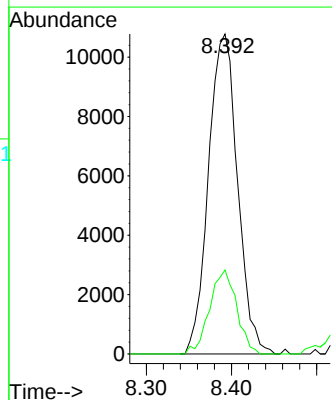
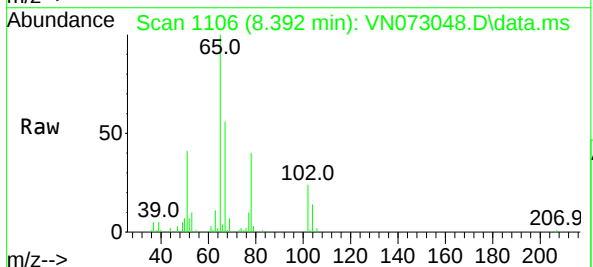
Instrument :
MSVOA_N
ClientSampleId :
PZ-7DL

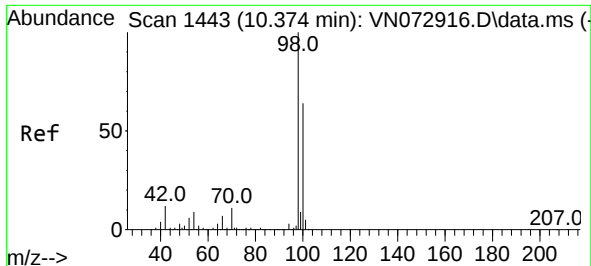
Tgt Ion:113 Resp: 166367
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 19.3 17.0 25.6



#40
Benzene
Concen: 1.840 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073048.D
Acq: 23 Jun 2022 15:03

Tgt Ion: 78 Resp: 25570
Ion Ratio Lower Upper
78 100
77 26.3 19.4 29.0

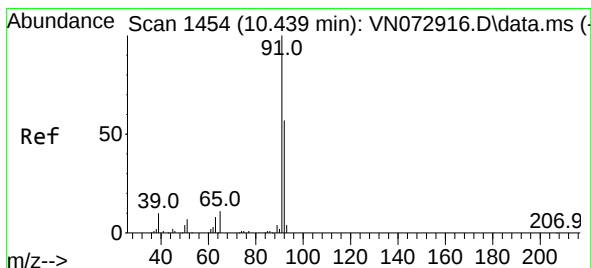
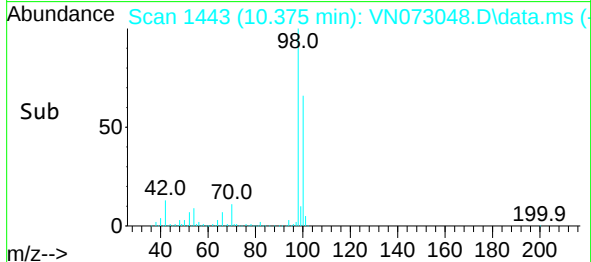
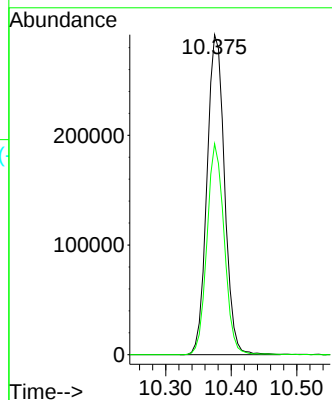
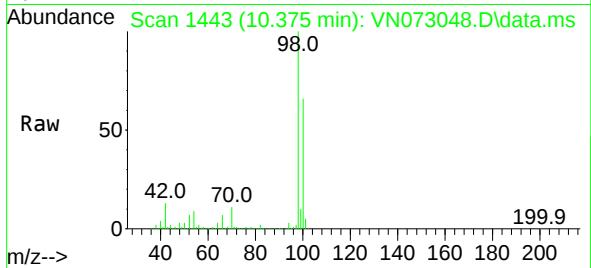




#50
Toluene-d8
Concen: 44.711 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073048.D
Acq: 23 Jun 2022 15:03

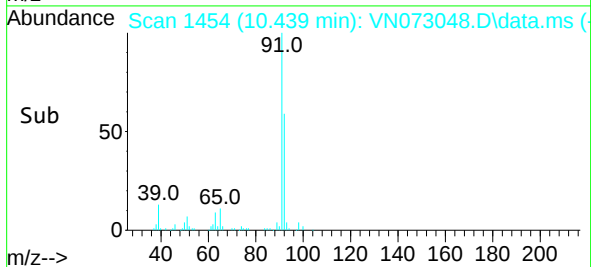
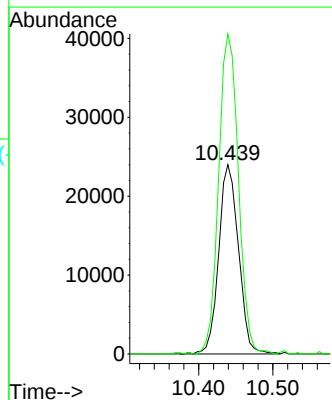
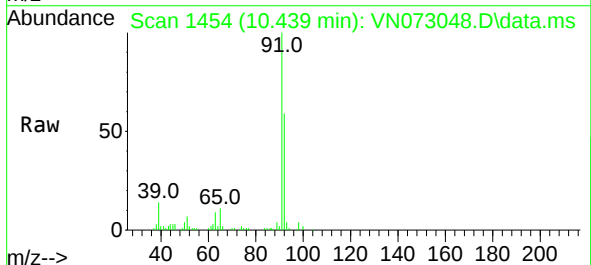
Instrument :
MSVOA_N
ClientSampleId :
PZ-7DL

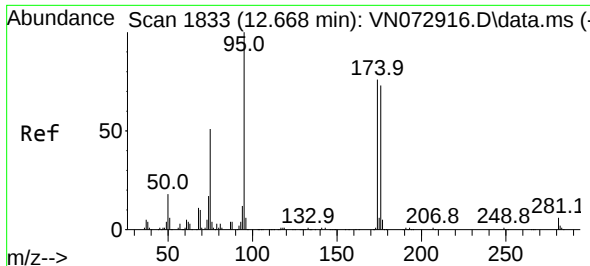
Tgt Ion: 98 Resp: 543571
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#52
Toluene
Concen: 5.211 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073048.D
Acq: 23 Jun 2022 15:03

Tgt Ion: 92 Resp: 44447
Ion Ratio Lower Upper
92 100
91 169.0 138.6 207.8

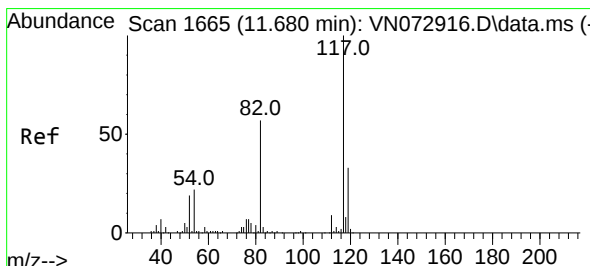
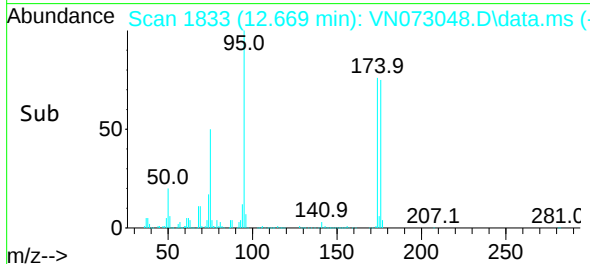
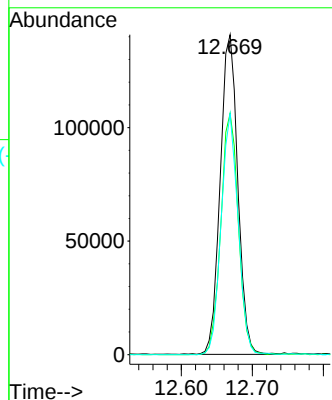
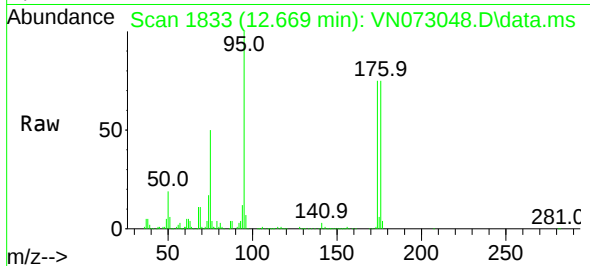




#62
4-Bromofluorobenzene
Concen: 55.168 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073048.D
Acq: 23 Jun 2022 15:03

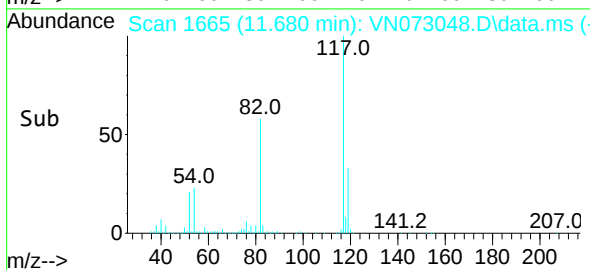
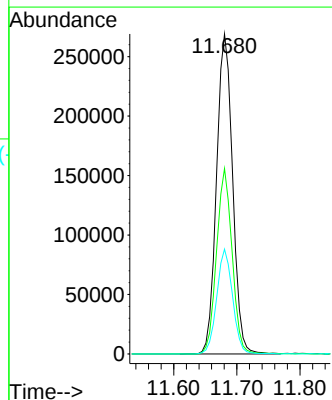
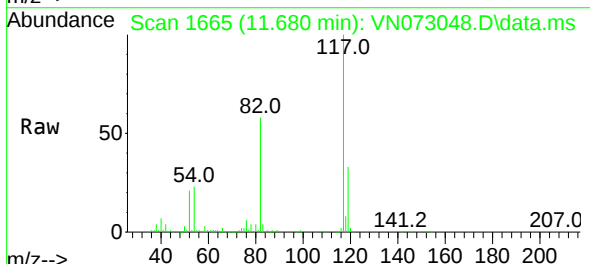
Instrument :
MSVOA_N
ClientSampleId :
PZ-7DL

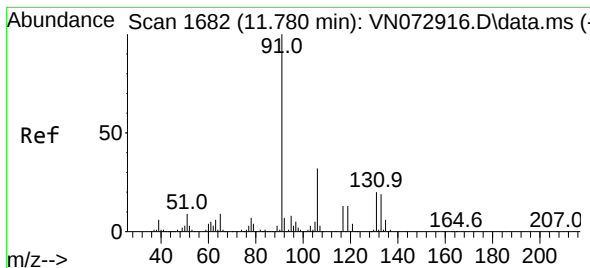
Tgt Ion: 95 Resp: 241174
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 72.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073048.D
Acq: 23 Jun 2022 15:03

Tgt Ion: 117 Resp: 476305
Ion Ratio Lower Upper
117 100
82 57.9 44.2 66.2
119 32.7 25.4 38.0





#67

Ethyl Benzene

Concen: 9.491 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073048.D

Acq: 23 Jun 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

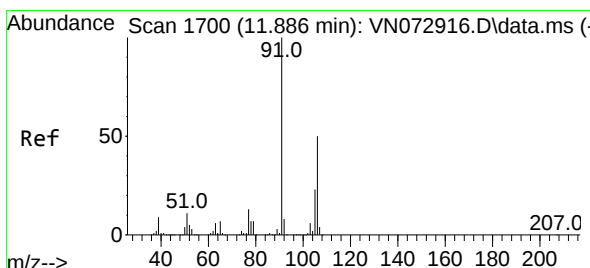
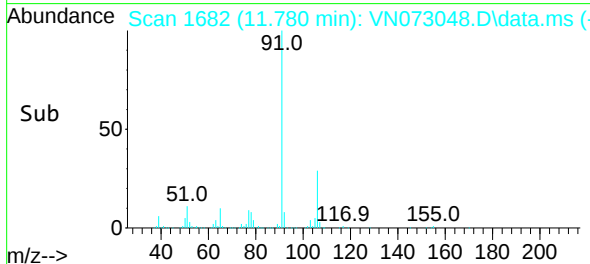
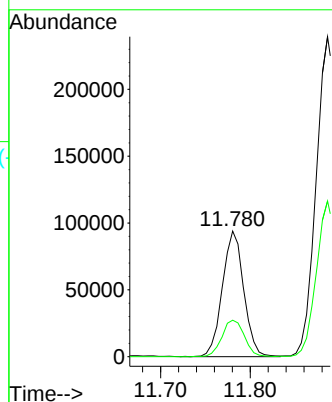
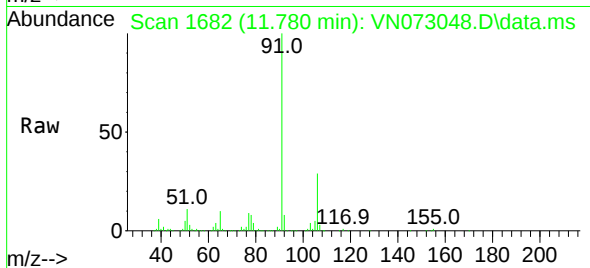
PZ-7DL

Tgt Ion: 91 Resp: 155414

Ion Ratio Lower Upper

91 100

106 29.1 24.9 37.3



#68

m/p-Xylenes

Concen: 33.037 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VN073048.D

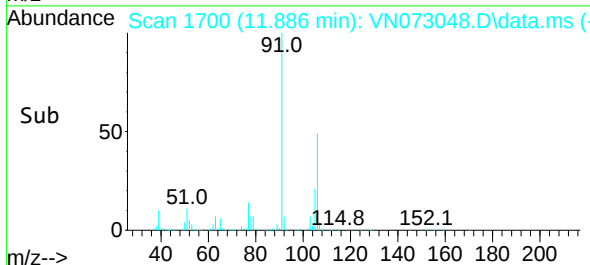
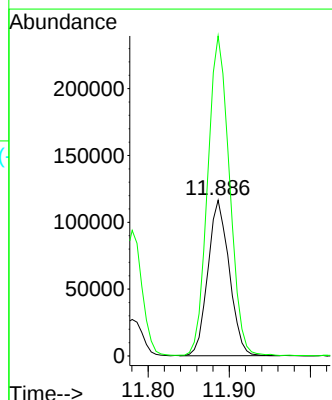
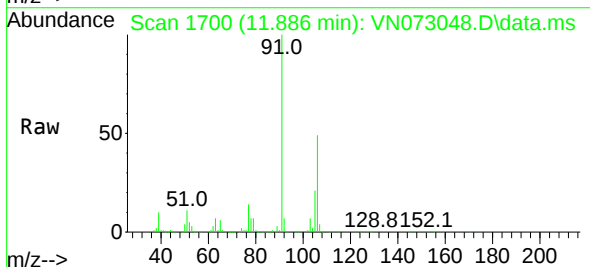
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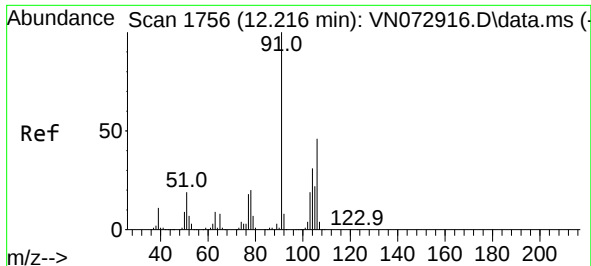
Tgt Ion: 106 Resp: 212181

Ion Ratio Lower Upper

106 100

91 210.3 158.9 238.3





#69

o-Xylene

Concen: 0.560 ug/l

RT: 12.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN073048.D

Acq: 23 Jun 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

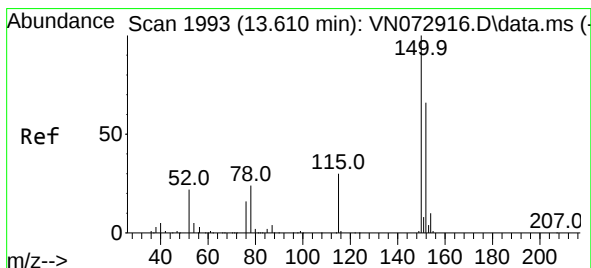
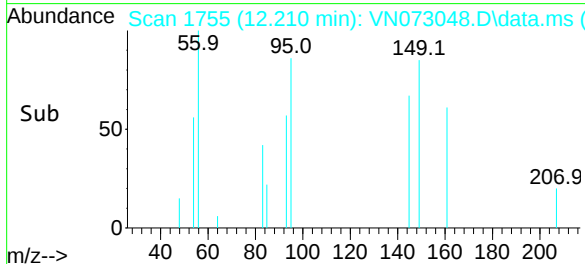
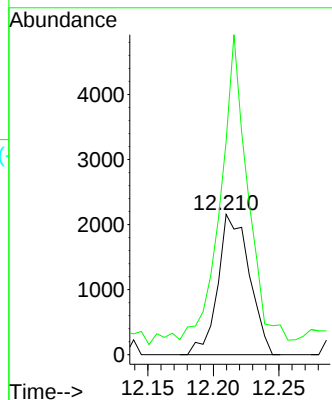
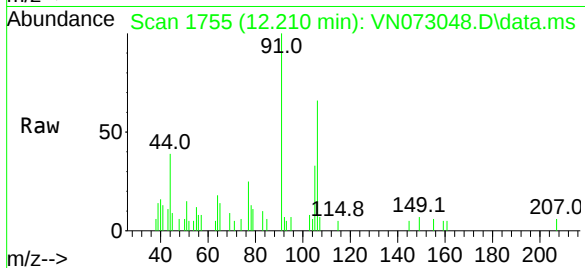
PZ-7DL

Tgt Ion:106 Resp: 3596

Ion Ratio Lower Upper

106 100

91 198.7 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073048.D

Acq: 23 Jun 2022 15:03

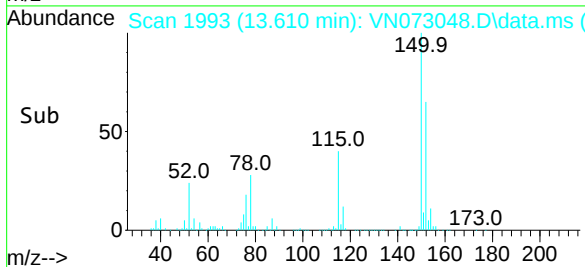
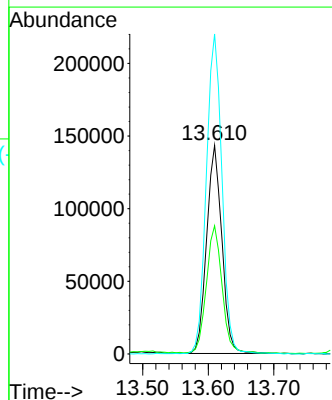
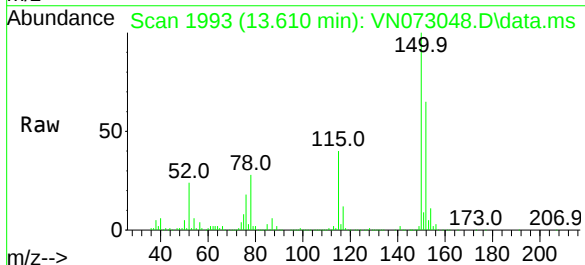
Tgt Ion:152 Resp: 233127

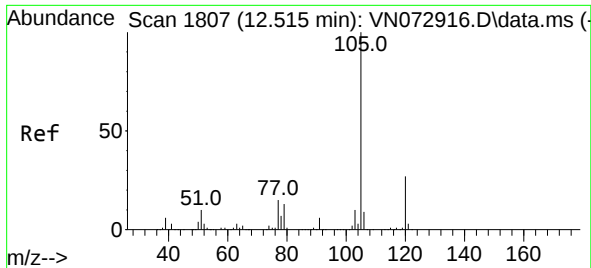
Ion Ratio Lower Upper

152 100

115 62.2 28.9 86.7

150 156.9 0.0 356.2

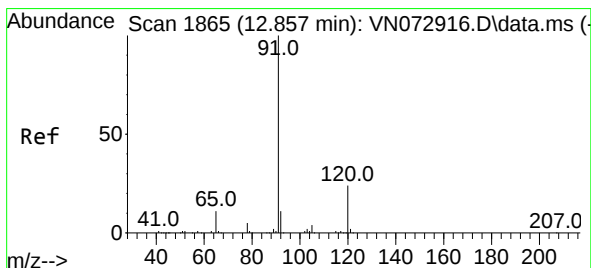
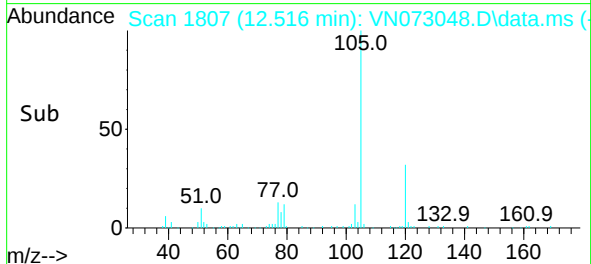
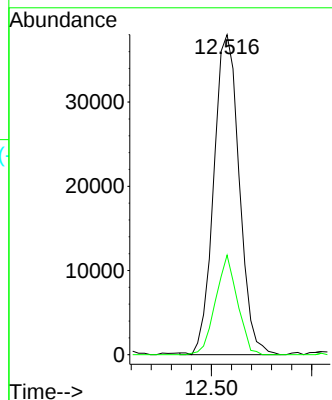
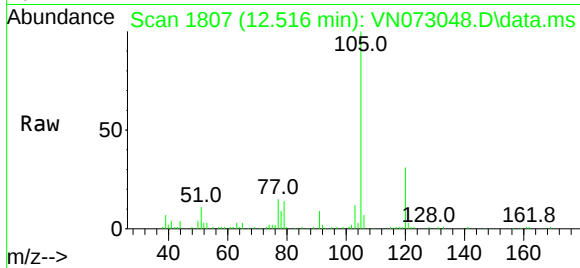




#73
Isopropylbenzene
Concen: 3.707 ug/l
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073048.D
Acq: 23 Jun 2022 15:03

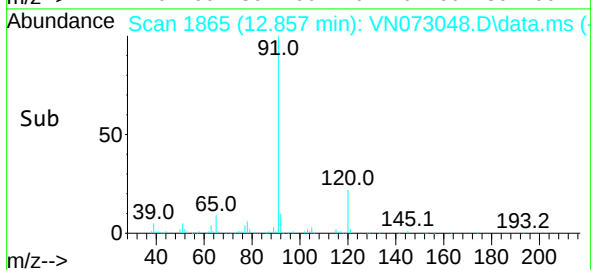
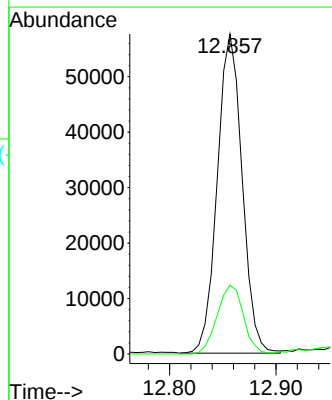
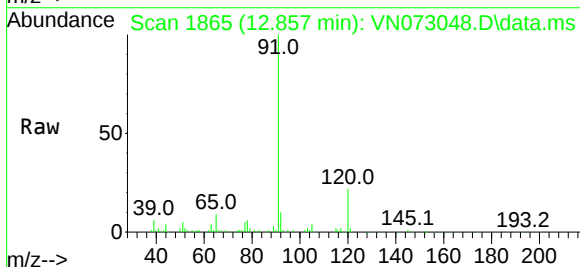
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ClientSampleId :
PZ-7DL

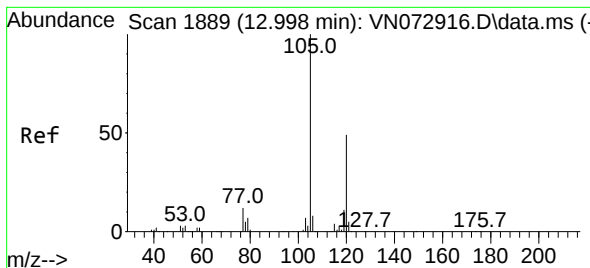
Tgt Ion:105 Resp: 66857
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#78
n-propylbenzene
Concen: 4.695 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073048.D
Acq: 23 Jun 2022 15:03

Tgt Ion: 91 Resp: 93138
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 1.124 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN073048.D

Acq: 23 Jun 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

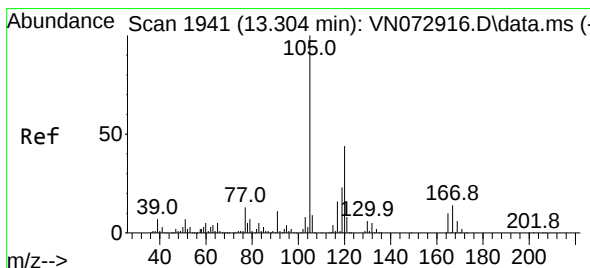
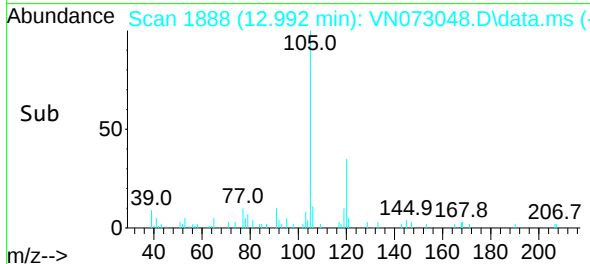
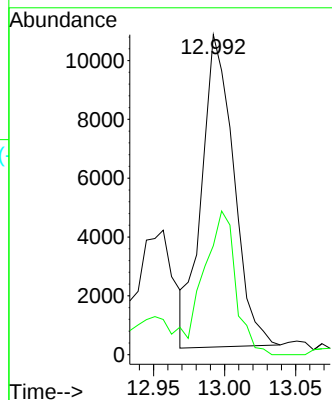
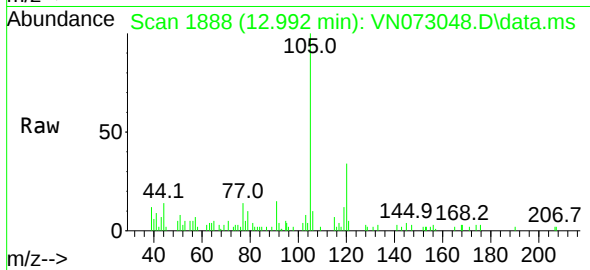
PZ-7DL

Tgt Ion:105 Resp: 16654

Ion Ratio Lower Upper

105 100

120 47.5 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 0.411 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073048.D

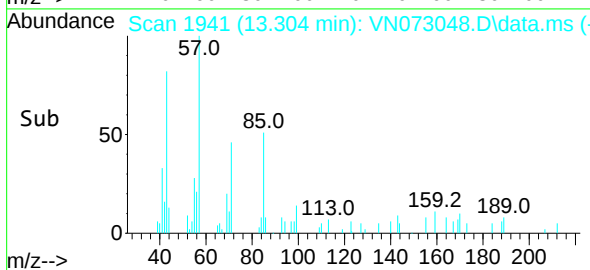
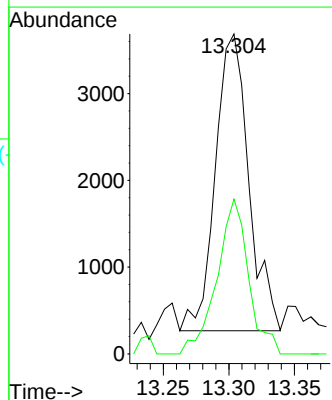
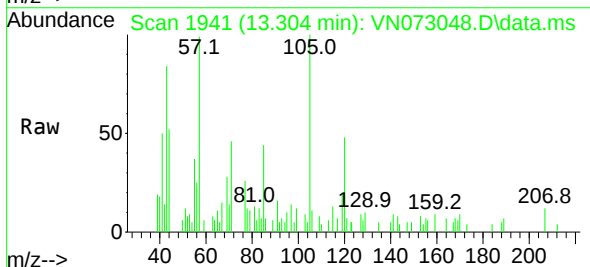
Acq: 23 Jun 2022 15:03

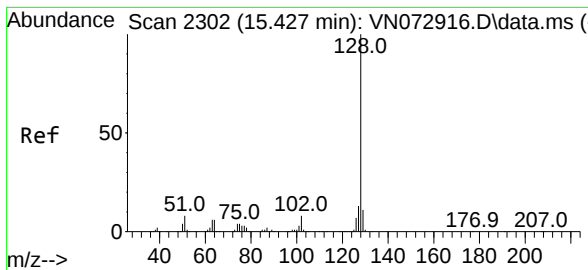
Tgt Ion:105 Resp: 6059

Ion Ratio Lower Upper

105 100

120 49.3 23.3 69.8





#95
 Naphthalene
 Concen: 5.402 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN073048.D
 Acq: 23 Jun 2022 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-7DL

Tgt Ion:128	Resp:	97287
Ion	Ratio	Lower Upper
128	100	
127	14.5	10.3 15.5
129	12.9	8.6 13.0

