

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073035.D
 Acq On : 22 Jun 2022 19:19
 Operator : JC\MD
 Sample : N3381-12 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

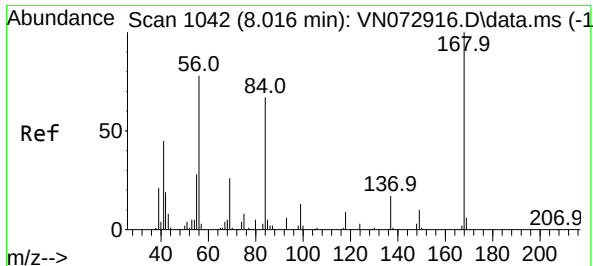
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

Quant Time: Jun 23 07:34:09 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	283855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	461663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	411446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	185542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171645	44.727	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	7.951	113	146854	51.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.920%
50) Toluene-d8	10.375	98	476372	44.865	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.720%
62) 4-Bromofluorobenzene	12.669	95	197570	51.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.500%
Target Compounds						
					Qvalue	
40) Benzene	8.392	78	3622	0.298	ug/l	97
67) Ethyl Benzene	11.786	91	3137	0.222	ug/l #	82
68) m/p-Xylenes	11.886	106	3525	0.635	ug/l	84
84) 1,2,4-Trimethylbenzene	13.304	105	5051	0.430	ug/l	90
95) Naphthalene	15.433	128	7290	0.509	ug/l	98

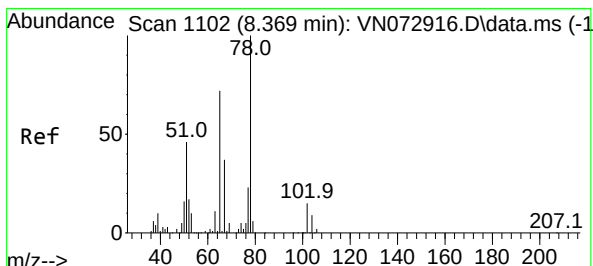
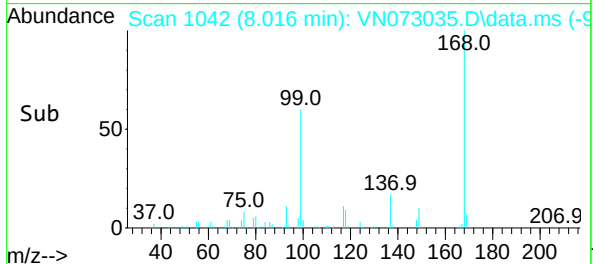
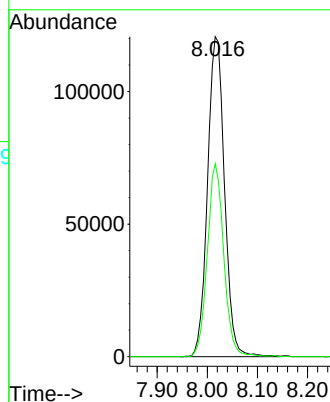
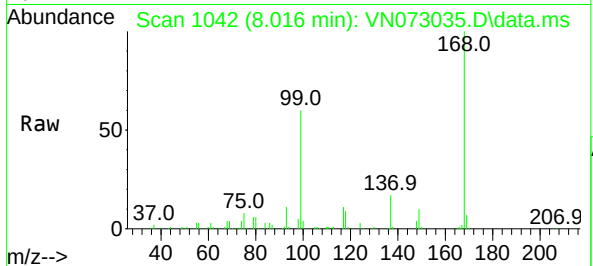
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073035.D
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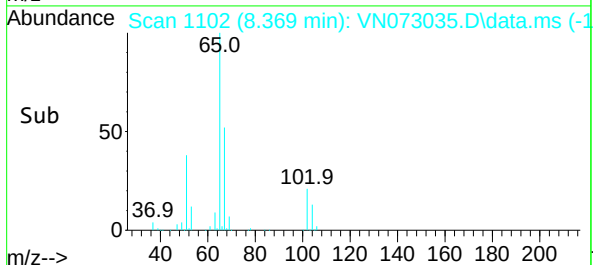
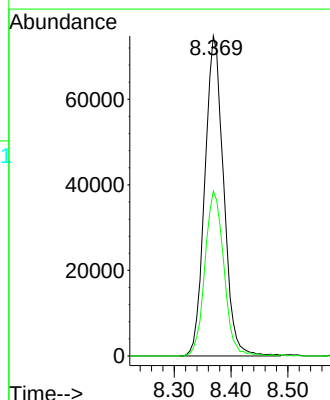
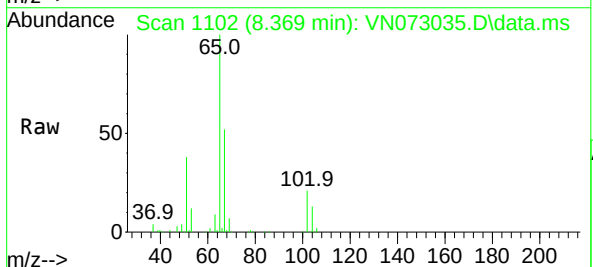
Instrument :
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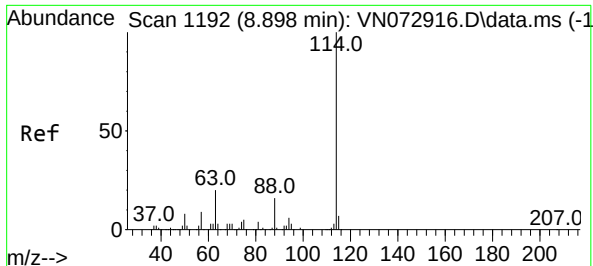
Tgt Ion:168 Resp: 283855
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.727 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073035.D
Acq: 22 Jun 2022 19:19

Tgt Ion: 65 Resp: 171645
Ion Ratio Lower Upper
65 100
67 51.9 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: VN073035.D

Acq: 22 Jun 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :

MW-26

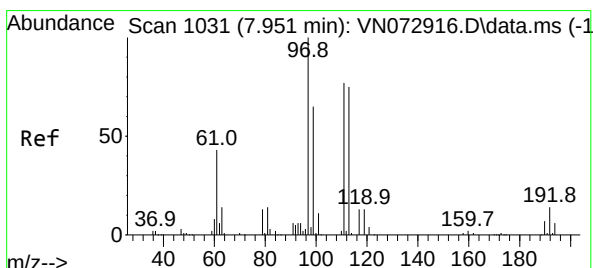
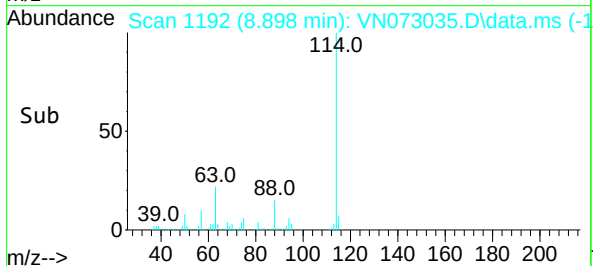
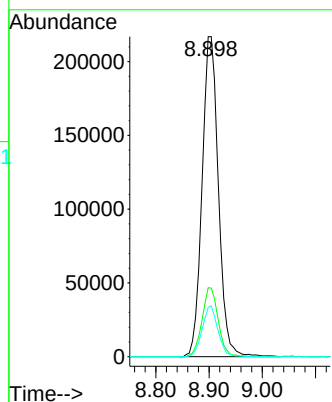
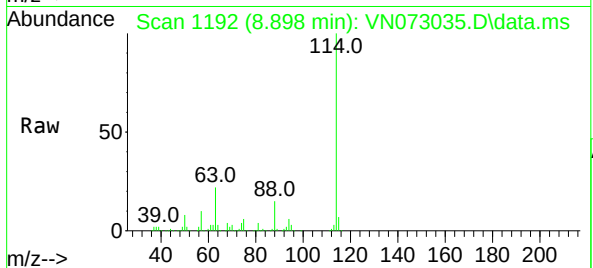
Tgt Ion:114 Resp: 461663

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.465 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073035.D

Acq: 22 Jun 2022 19:19

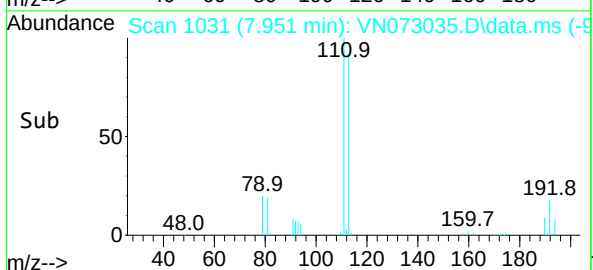
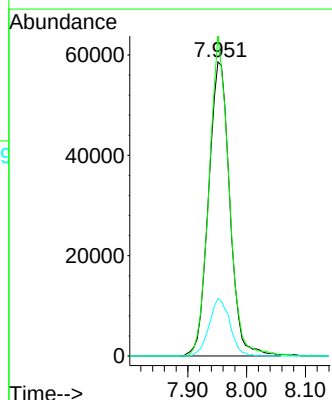
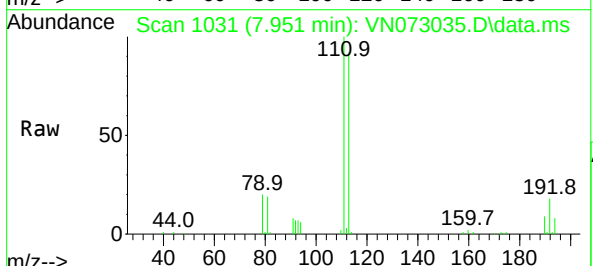
Tgt Ion:113 Resp: 146854

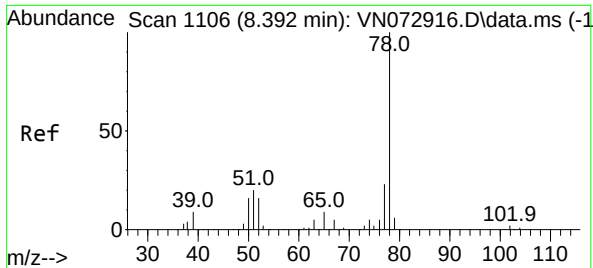
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 19.1 17.0 25.6

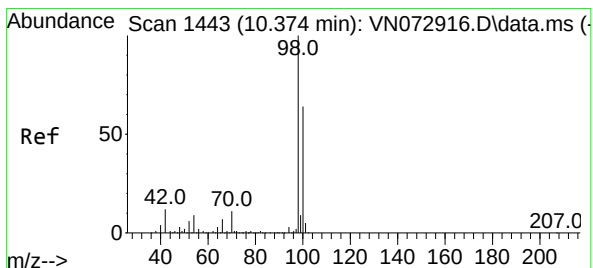
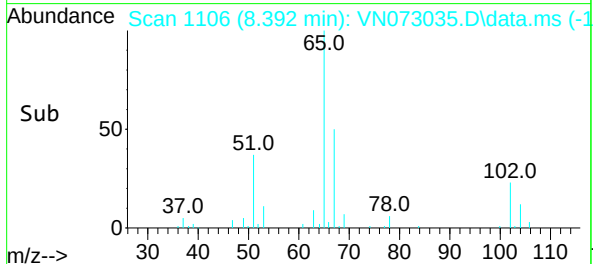
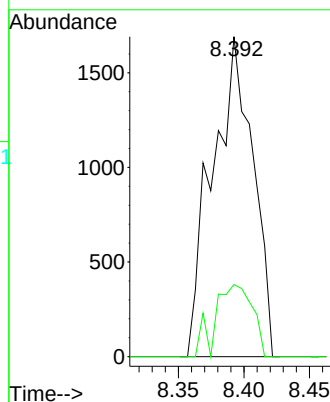
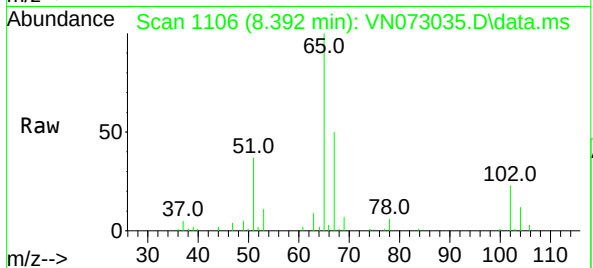




#40
Benzene
Concen: 0.298 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073035.D
Acq: 22 Jun 2022 19:19

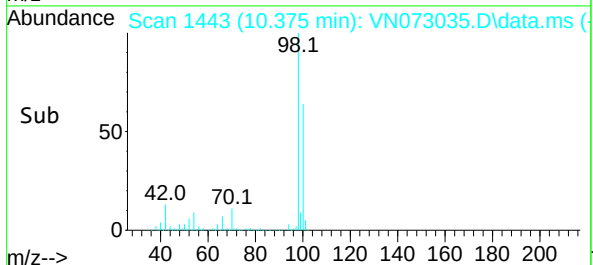
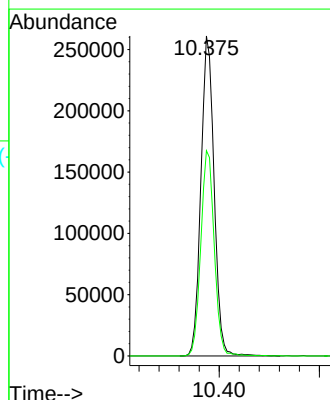
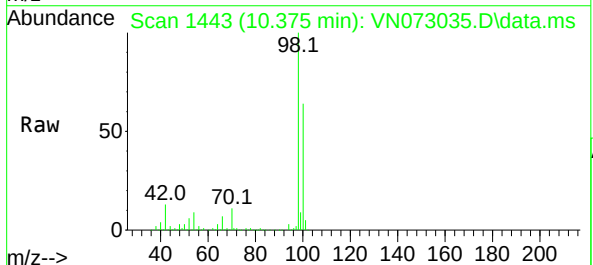
Instrument :
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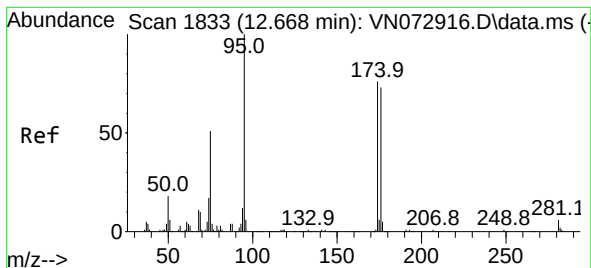
Tgt Ion: 78 Resp: 3622
Ion Ratio Lower Upper
78 100
77 22.5 19.4 29.0



#50
Toluene-d8
Concen: 44.865 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073035.D
Acq: 22 Jun 2022 19:19

Tgt Ion: 98 Resp: 476372
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

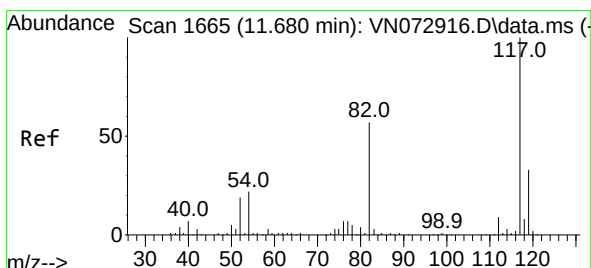
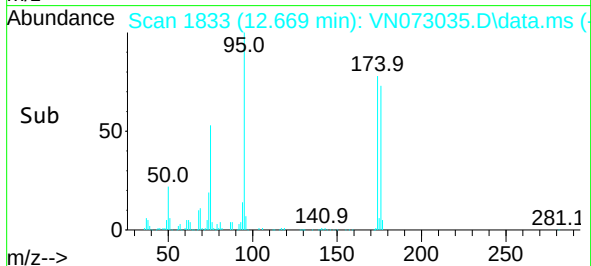
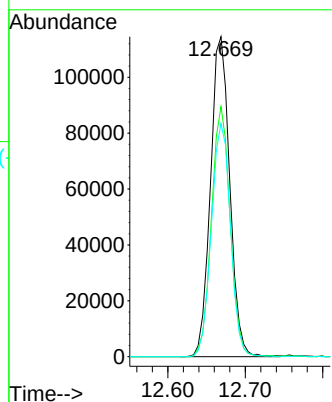
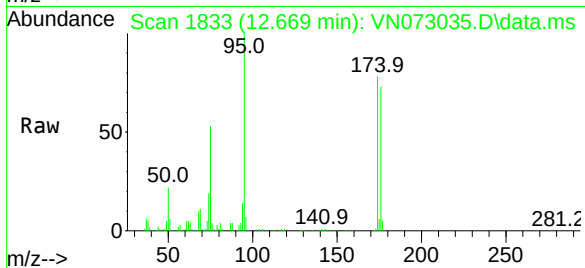




#62
4-Bromofluorobenzene
Concen: 51.746 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073035.D
Acq: 22 Jun 2022 19:19

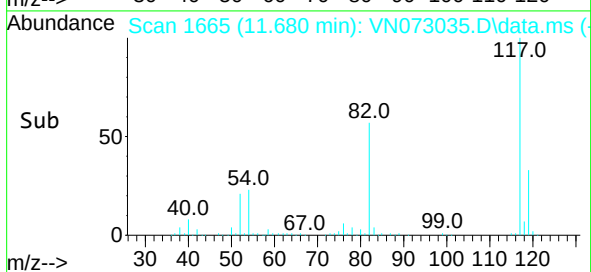
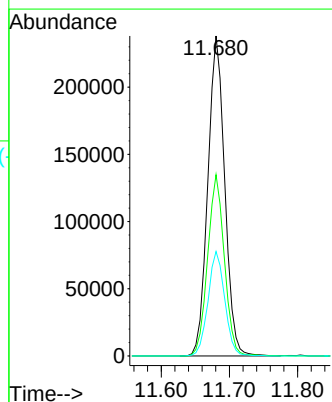
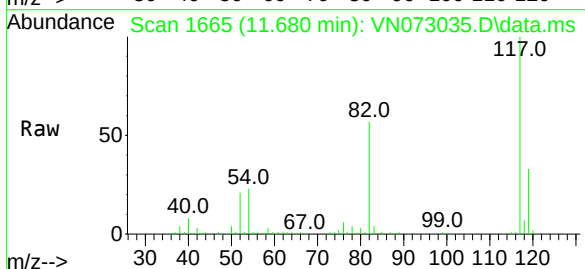
Instrument :
MSVOA_N
ClientSampleId :
MW-26

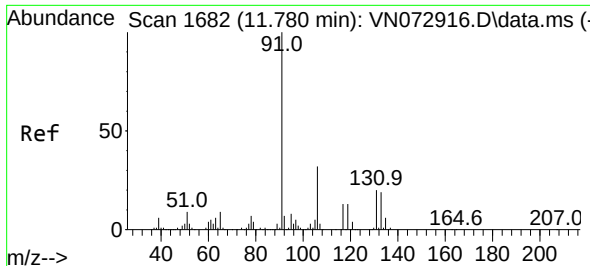
Tgt Ion: 95 Resp: 197570
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 72.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073035.D
Acq: 22 Jun 2022 19:19

Tgt Ion: 117 Resp: 411446
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.6 25.4 38.0

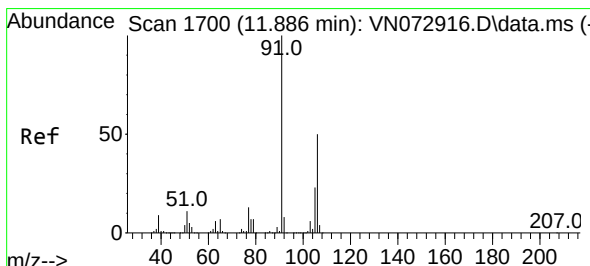
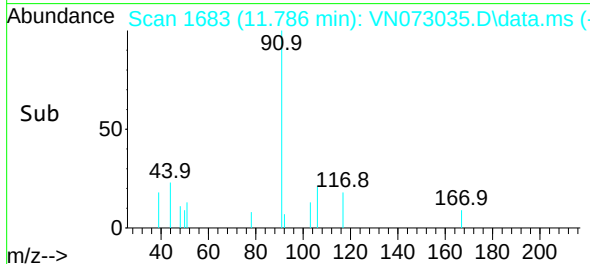
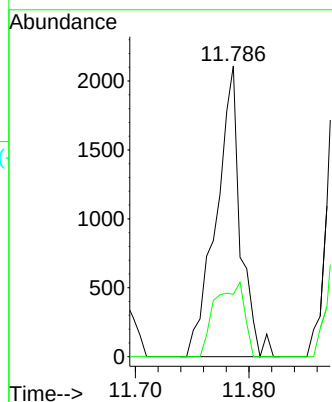
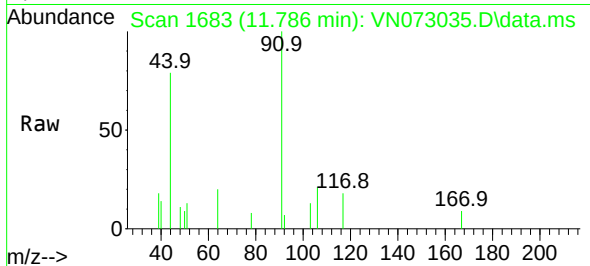




#67
Ethyl Benzene
Concen: 0.222 ug/l
RT: 11.786 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN073035.D
Acq: 22 Jun 2022 19:19

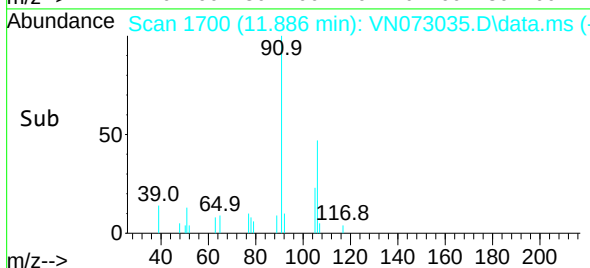
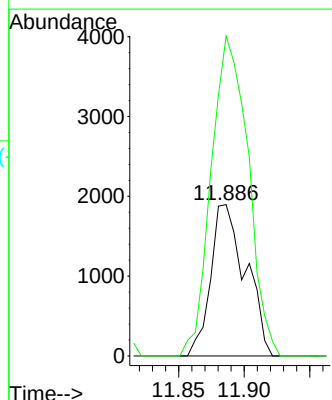
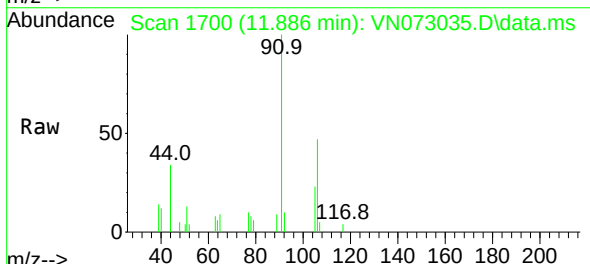
Instrument :
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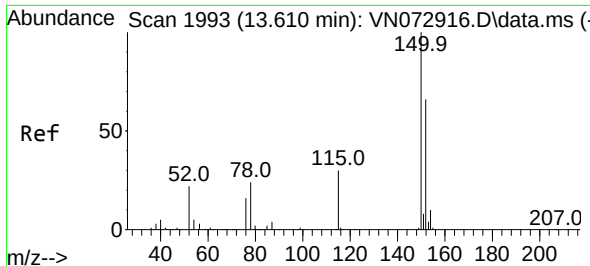
Tgt Ion: 91 Resp: 3137
Ion Ratio Lower Upper
91 100
106 21.4 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.635 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073035.D
Acq: 22 Jun 2022 19:19

Tgt Ion: 106 Resp: 3525
Ion Ratio Lower Upper
106 100
91 222.8 158.9 238.3

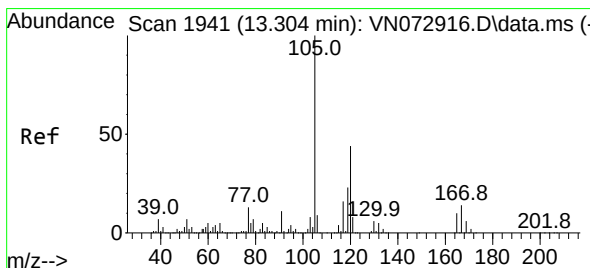
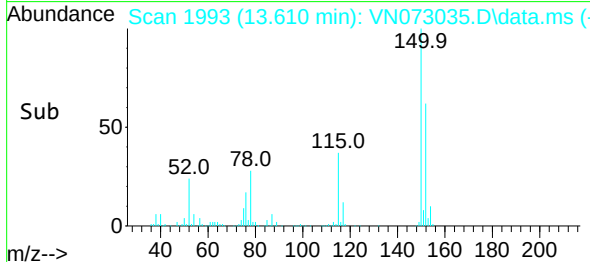
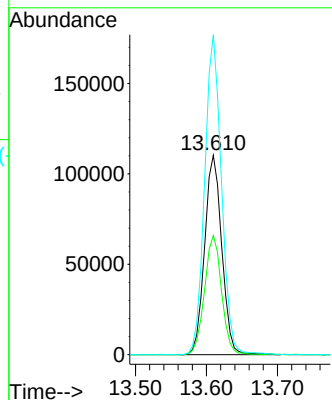
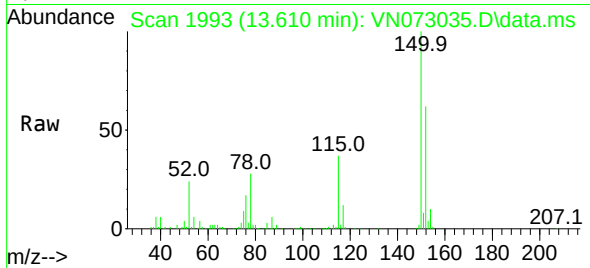




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073035.D
Acq: 22 Jun 2022 19:19

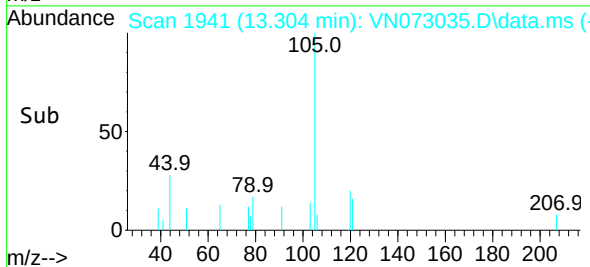
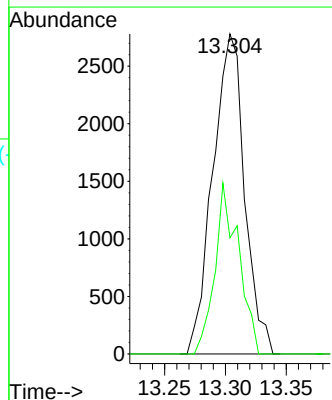
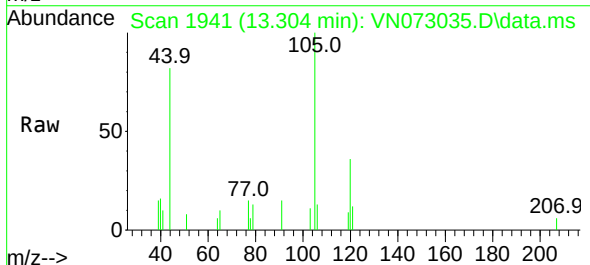
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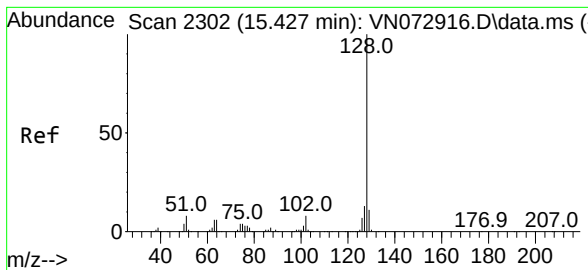
Tgt Ion:152 Resp: 185542
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.7
150 157.2 0.0 356.2



#84
1,2,4-Trimethylbenzene
Concen: 0.430 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073035.D
Acq: 22 Jun 2022 19:19

Tgt Ion:105 Resp: 5051
Ion Ratio Lower Upper
105 100
120 39.9 23.3 69.8





#95
Naphthalene
Concen: 0.509 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073035.D
Acq: 22 Jun 2022 19:19

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Tgt Ion:	128	Resp:	7290
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.3	15.5
129	11.5	8.6	13.0

