

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
 Data File : VN070556.D
 Acq On : 10 Jan 2022 20:41
 Operator : JC/MD
 Sample : N1023-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HH-DRUM-COMP

Quant Time: Jan 11 06:08:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

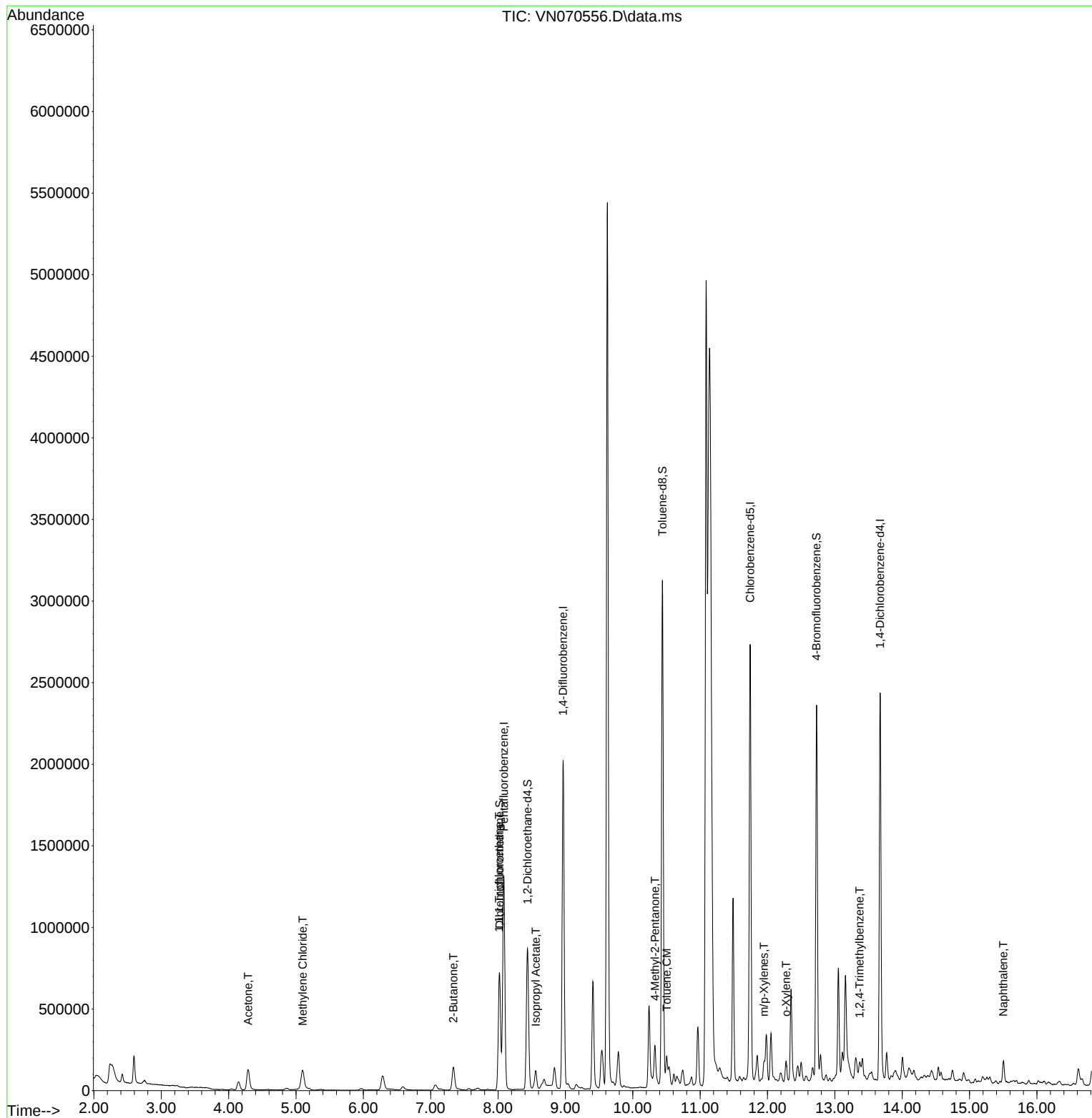
Internal Standards						
1) Pentafluorobenzene	8.086	168	1015232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1739928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1572012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	646334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	715415	49.011	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.020%
35) Dibromofluoromethane	8.021	113	512195	48.653	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.300%
50) Toluene-d8	10.440	98	2130442	49.539	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.728	95	846893	54.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.040%
Target Compounds						
					Qvalue	
16) Acetone	4.288	43	236559	24.965	ug/l	99
20) Methylene Chloride	5.098	84	88703	6.766	ug/l	91
25) 2-Butanone	7.337	43	247131	20.713	ug/l #	89
32) 1,1,1-Trichloroethane	8.016	97	30486	1.583	ug/l #	51
43) Isopropyl Acetate	8.560	43	128105	3.599	ug/l #	90
51) 4-Methyl-2-Pentanone	10.328	43	194029	8.676	ug/l	93
52) Toluene	10.502	92	68401	2.117	ug/l	97
68) m/p-Xylenes	11.948	106	40750	1.832	ug/l	99
69) o-Xylene	12.277	106	28167	1.273	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	50332	1.087	ug/l	88
95) Naphthalene	15.501	128	129535	6.037	ug/l	98

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

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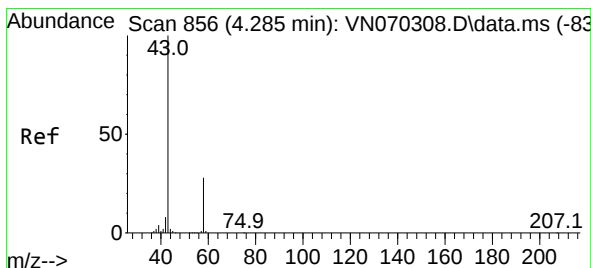
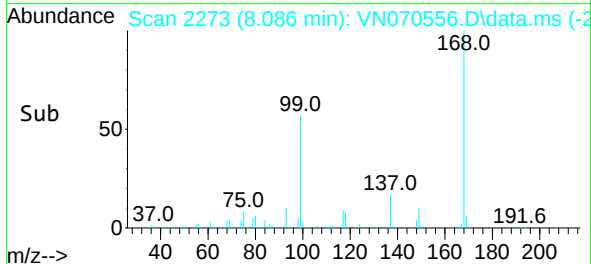
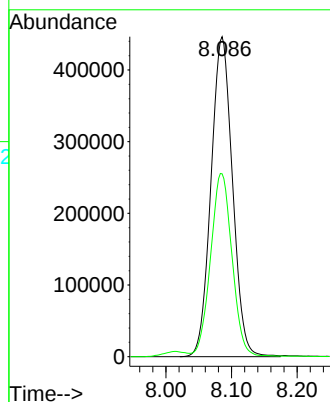
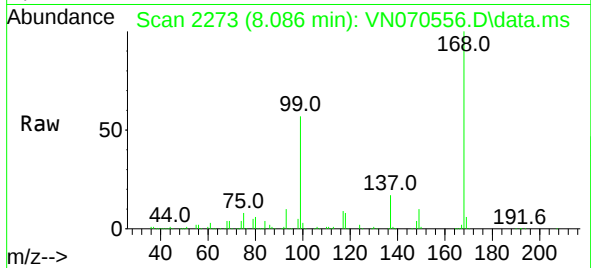




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

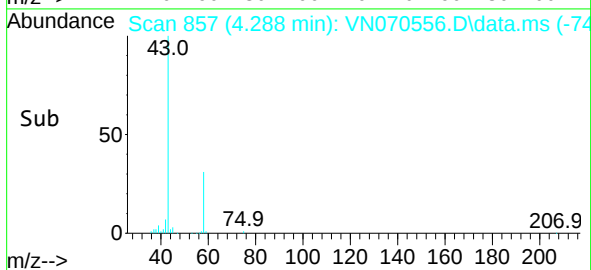
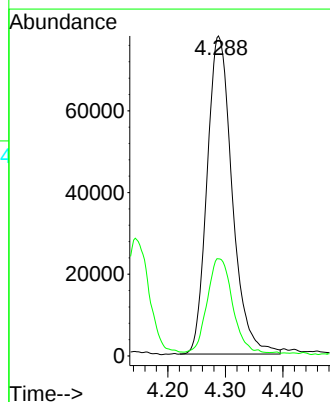
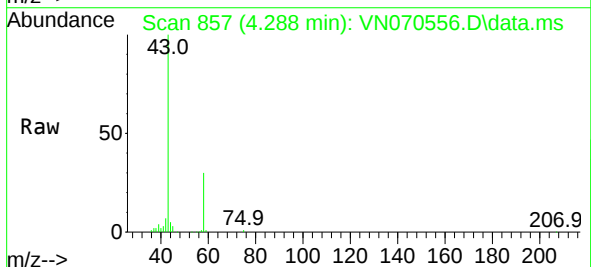
Instrument :
MSVOA_N
ClientSampleId :
HH-DRUM-COMP

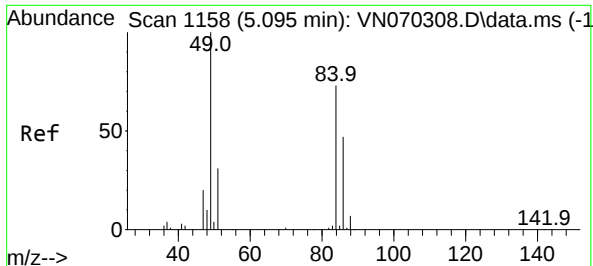
Tgt Ion:168 Resp: 1015232
Ion Ratio Lower Upper
168 100
99 56.9 41.3 61.9



#16
Acetone
Concen: 24.965 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

Tgt Ion: 43 Resp: 236559
Ion Ratio Lower Upper
43 100
58 29.7 23.1 34.7

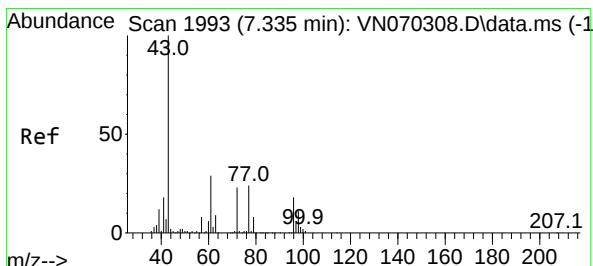
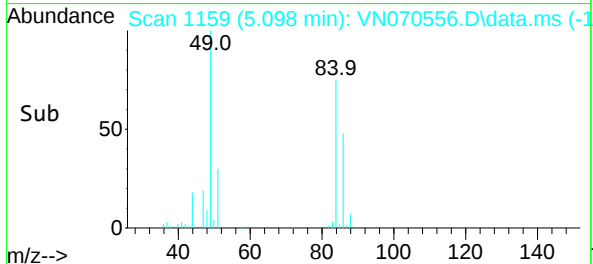
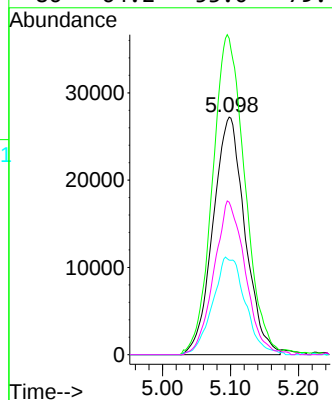
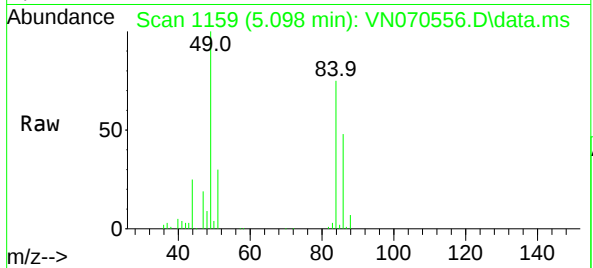




#20
Methylene Chloride
Concen: 6.766 ug/l
RT: 5.098 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

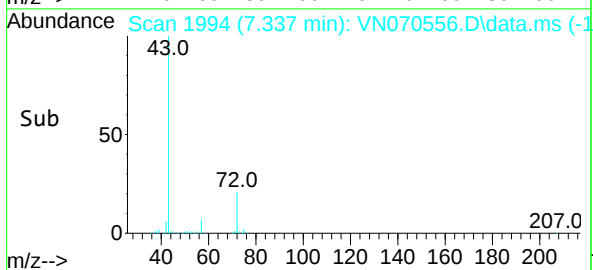
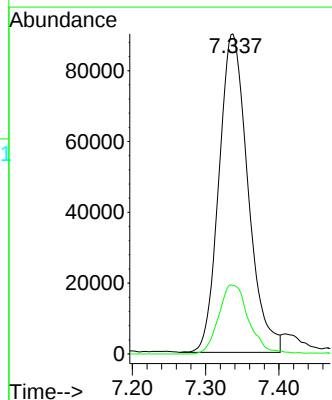
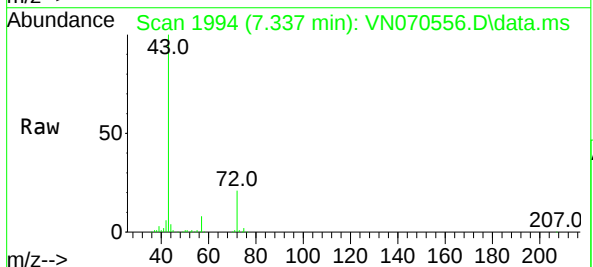
Instrument :
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ClientSampleId :
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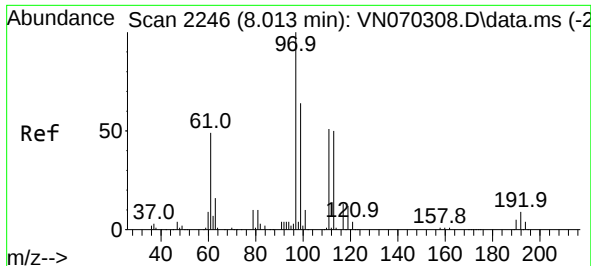
Tgt Ion:	84	Resp:	88703
Ion	Ratio	Lower	Upper
84	100		
49	133.1	93.5	140.3
51	39.8	29.4	44.2
86	64.2	53.0	79.4



#25
2-Butanone
Concen: 20.713 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.002 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

Tgt Ion:	43	Resp:	247131
Ion	Ratio	Lower	Upper
43	100		
72	21.6	21.7	32.5#

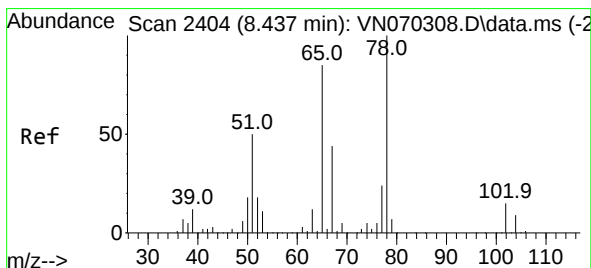
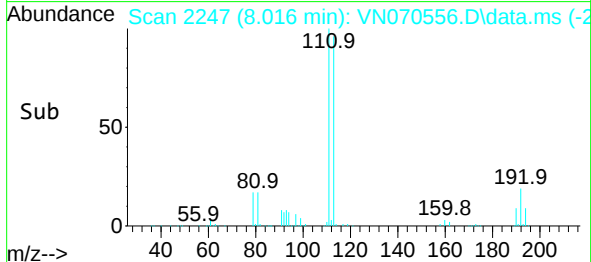
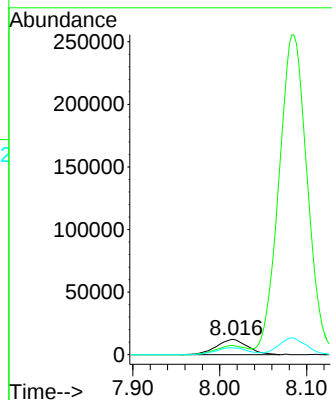
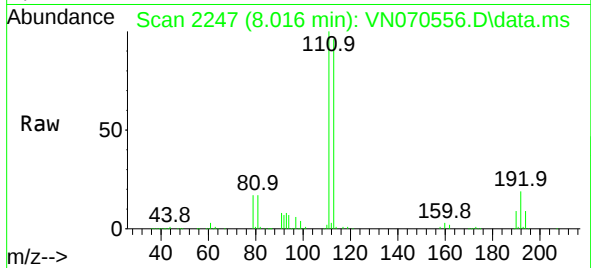




#32
1,1,1-Trichloroethane
Concen: 1.583 ug/l
RT: 8.016 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

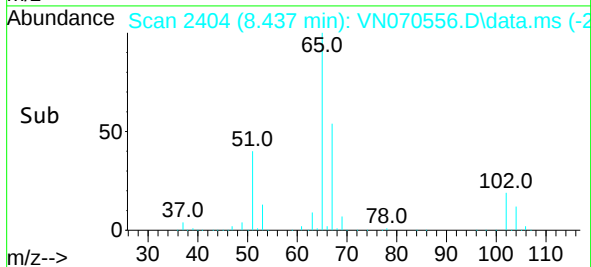
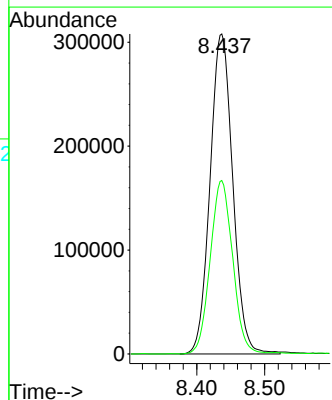
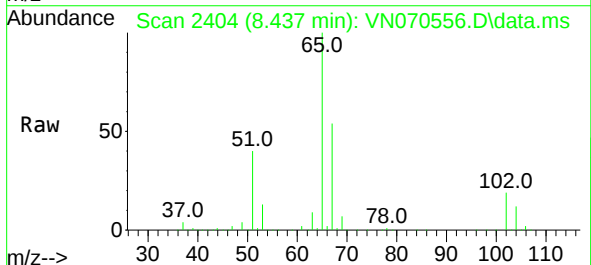
Instrument :
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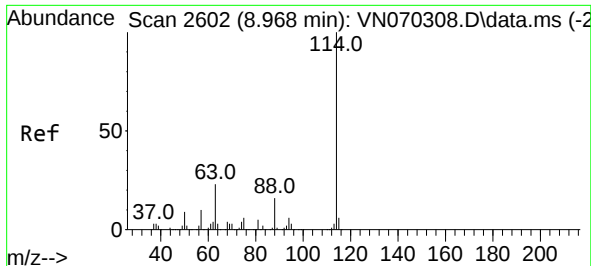
Tgt Ion: 97 Resp: 30486
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 46.8 35.2 52.8



#33
1,2-Dichloroethane-d4
Concen: 49.011 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

Tgt Ion: 65 Resp: 715415
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.0

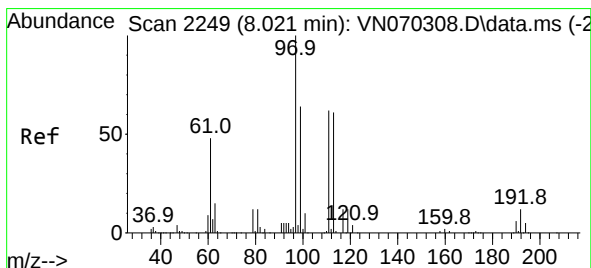
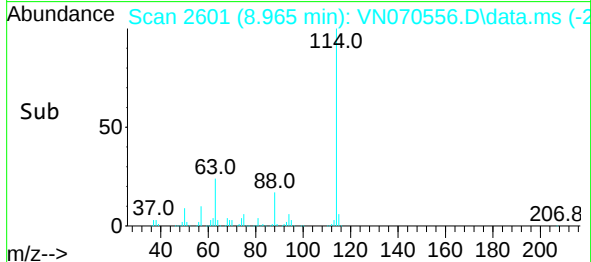
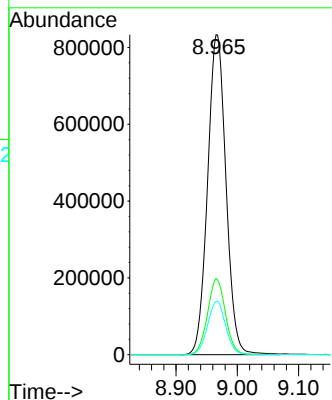
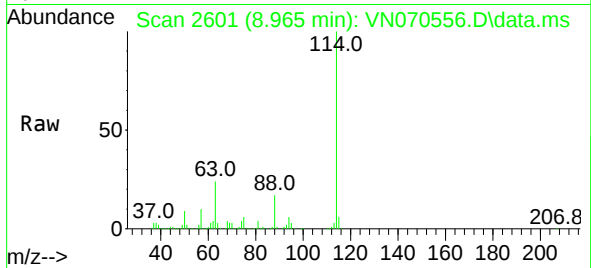




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

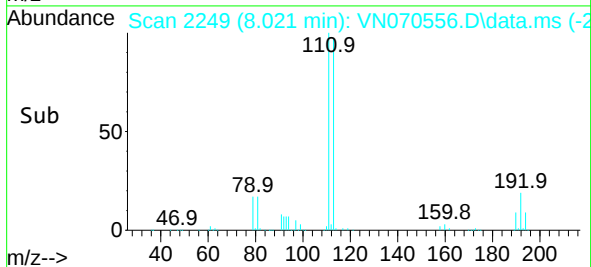
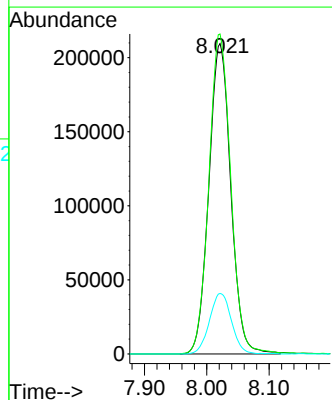
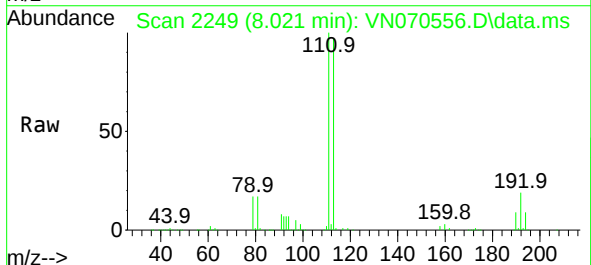
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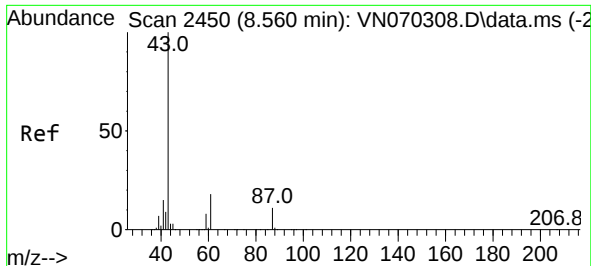
Tgt Ion:114 Resp: 1739928
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.653 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

Tgt Ion:113 Resp: 512195
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.5 16.9 25.3

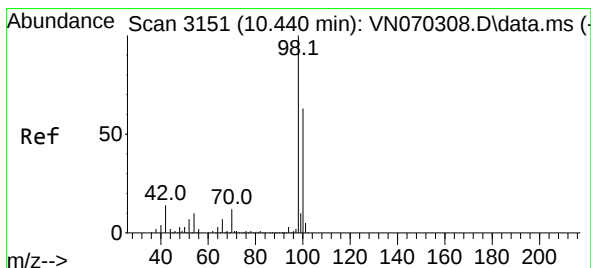
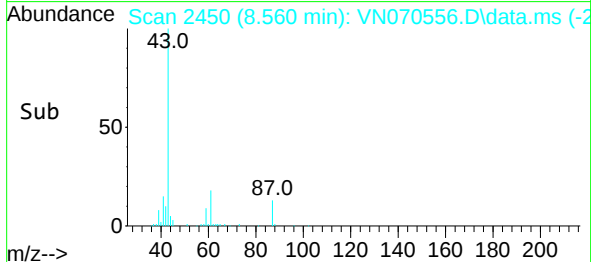
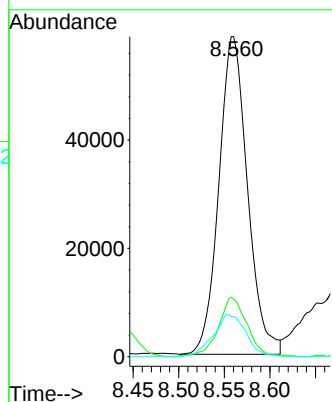
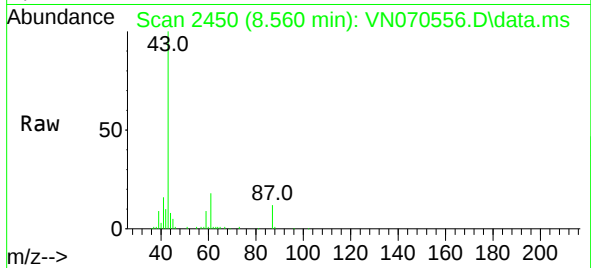




#43
Isopropyl Acetate
Concen: 3.599 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

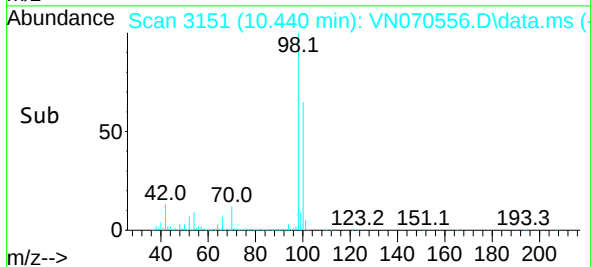
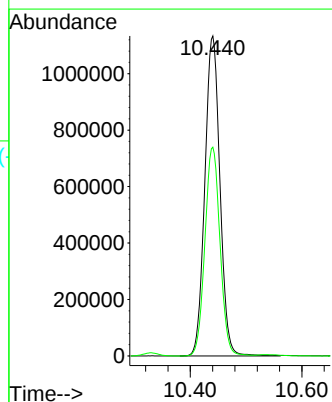
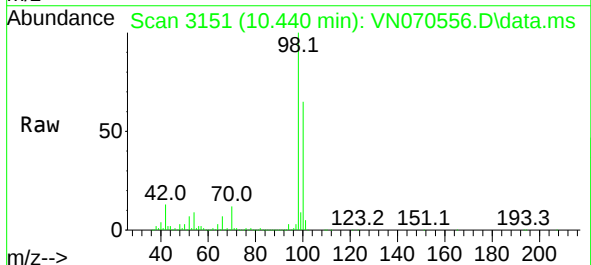
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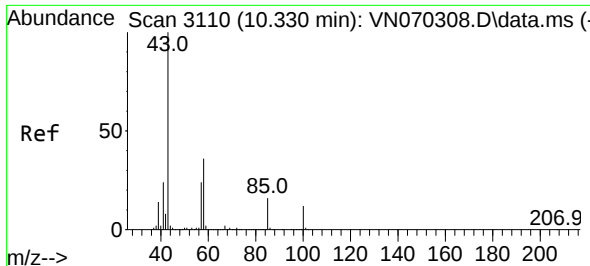
Tgt Ion: 43 Resp: 128105
Ion Ratio Lower Upper
43 100
61 18.8 20.4 30.6#
87 15.1 11.2 16.8



#50
Toluene-d8
Concen: 49.539 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

Tgt Ion: 98 Resp: 2130442
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6

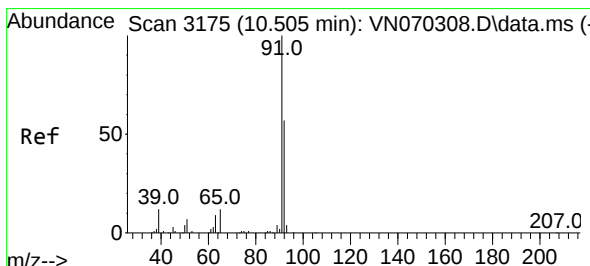
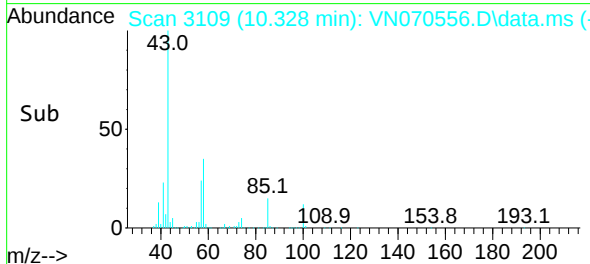
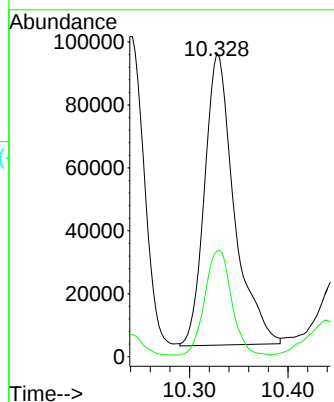
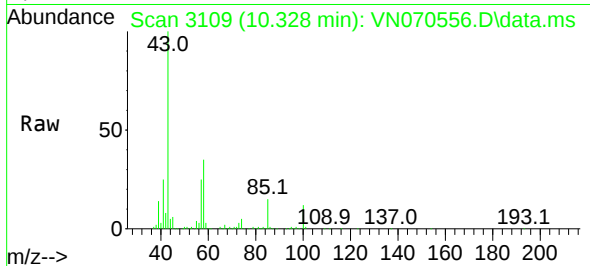




#51
4-Methyl-2-Pentanone
Concen: 8.676 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

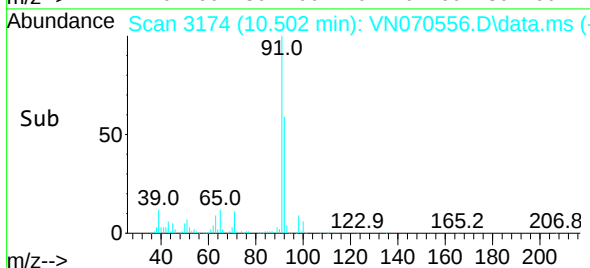
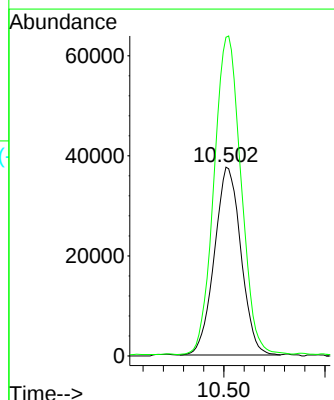
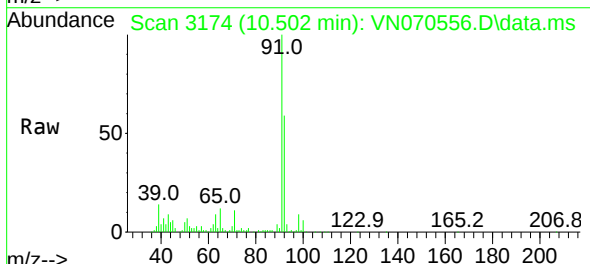
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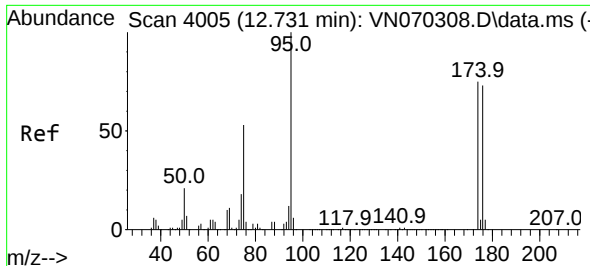
Tgt Ion: 43 Resp: 194029
Ion Ratio Lower Upper
43 100
58 33.5 30.4 45.6



#52
Toluene
Concen: 2.117 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

Tgt Ion: 92 Resp: 68401
Ion Ratio Lower Upper
92 100
91 172.8 142.0 213.0

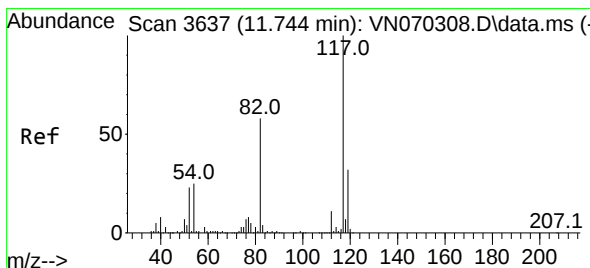
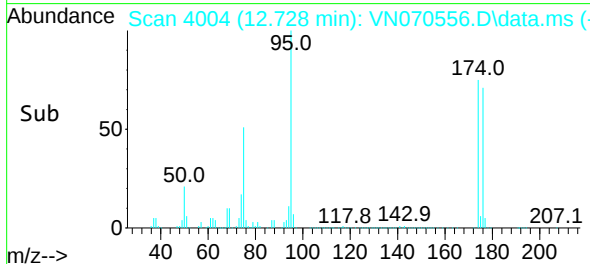
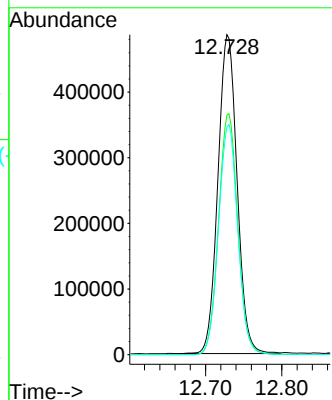
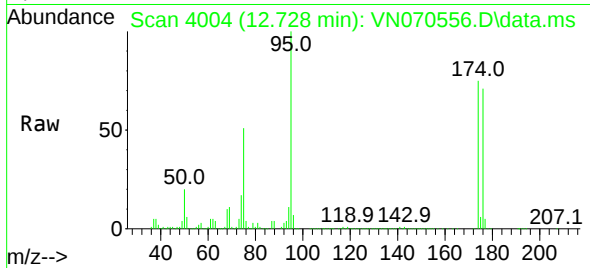




#62
4-Bromofluorobenzene
Concen: 54.523 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

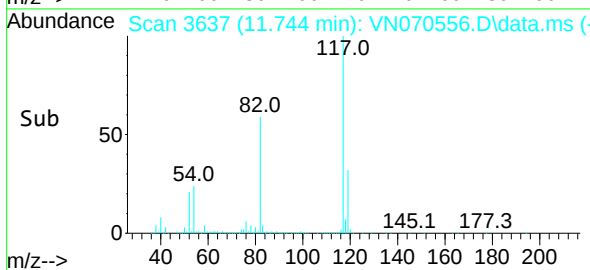
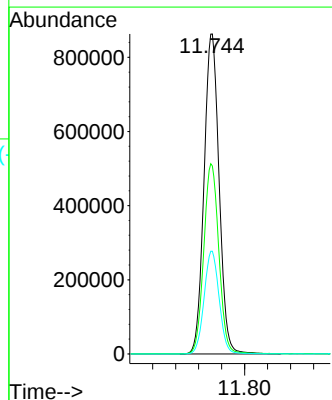
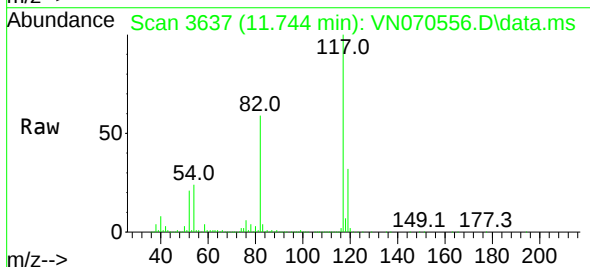
Instrument :
MSVOA_N
ClientSampleId :
HH-DRUM-COMP

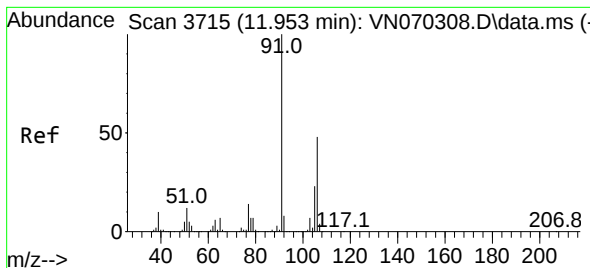
Tgt Ion: 95 Resp: 846893
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070556.D
Acq: 10 Jan 2022 20:41

Tgt Ion: 117 Resp: 1572012
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.1 25.4 38.2





#68

m/p-Xylenes

Concen: 1.832 ug/l

RT: 11.948 min Scan# 3713

Delta R.T. -0.005 min

Lab File: VN070556.D

Acq: 10 Jan 2022 20:41

Instrument :

MSVOA_N

ClientSampleId :

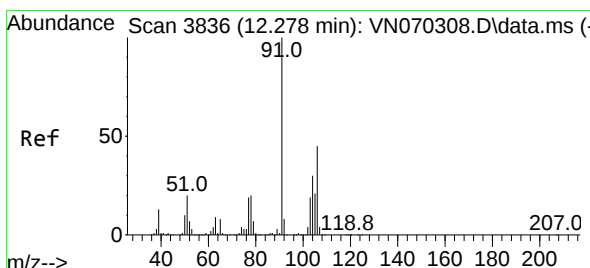
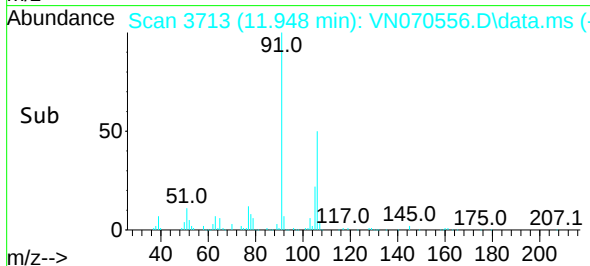
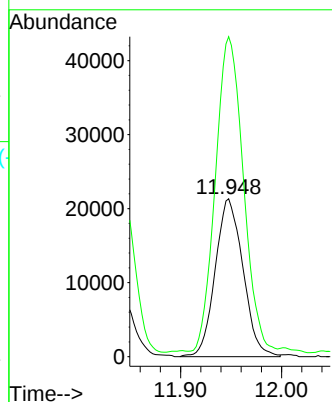
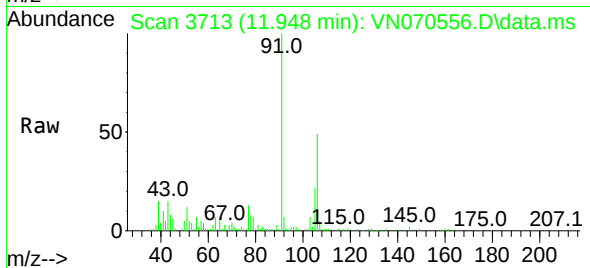
HH-DRUM-COMP

Tgt Ion:106 Resp: 40750

Ion Ratio Lower Upper

106 100

91 199.2 160.6 240.8



#69

o-Xylene

Concen: 1.273 ug/l

RT: 12.277 min Scan# 3836

Delta R.T. -0.001 min

Lab File: VN070556.D

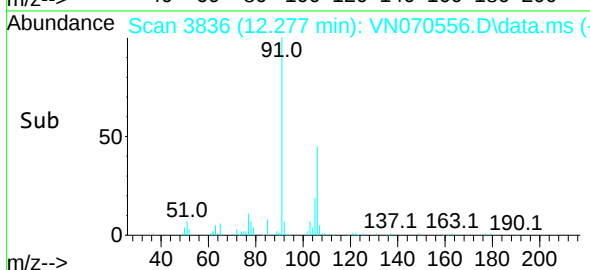
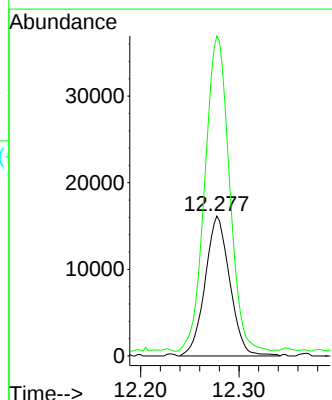
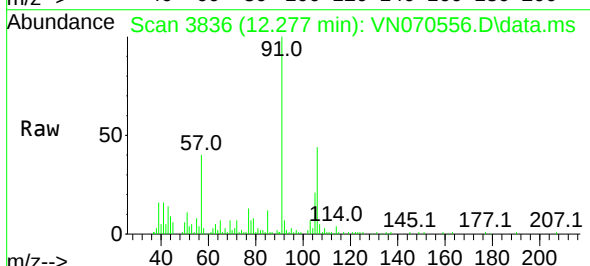
Acq: 10 Jan 2022 20:41

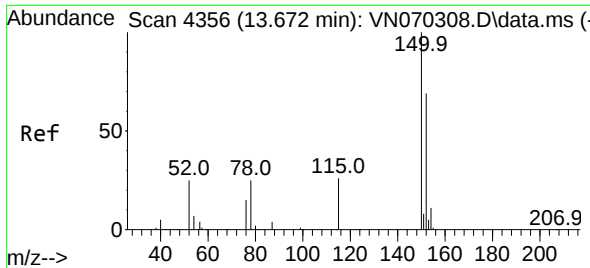
Tgt Ion:106 Resp: 28167

Ion Ratio Lower Upper

106 100

91 224.2 105.8 317.3

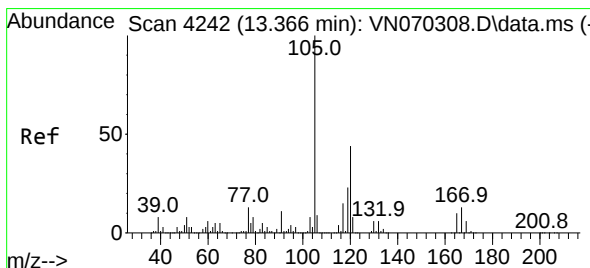
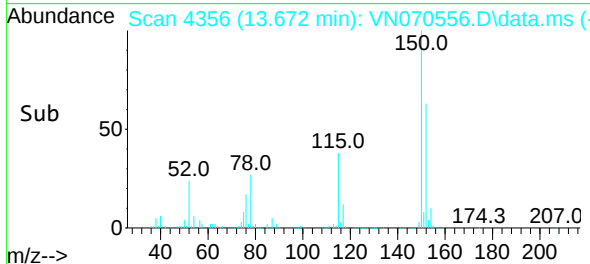
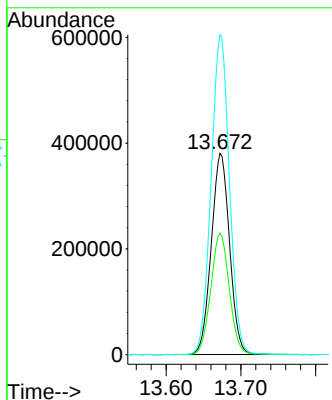
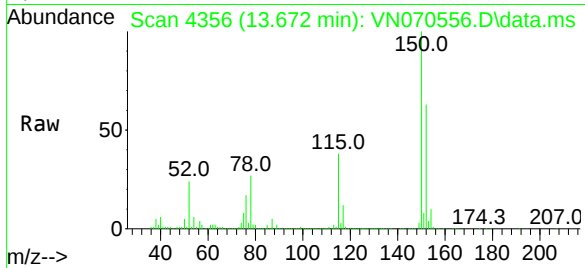




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.672 min Scan# 4356
 Delta R.T. 0.000 min
 Lab File: VN070556.D
 Acq: 10 Jan 2022 20:41

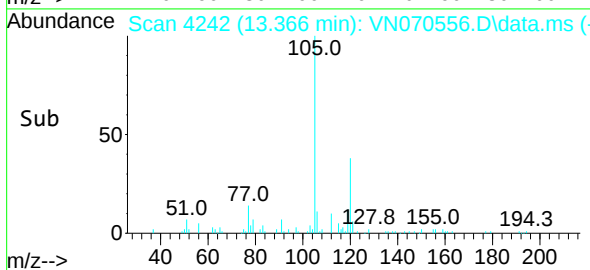
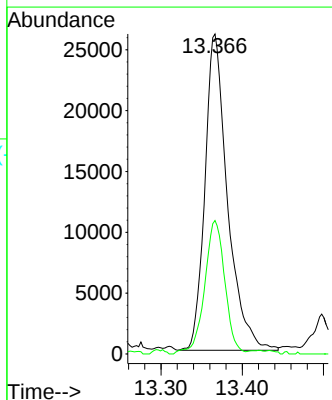
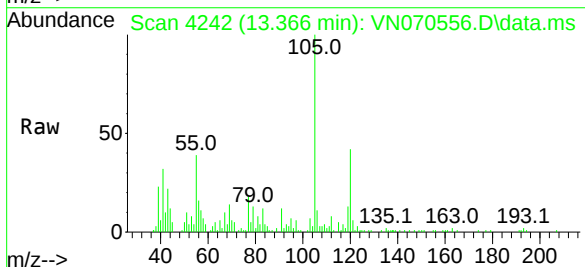
Instrument :
 MSVOA_N
 ClientSampleId :
 HH-DRUM-COMP

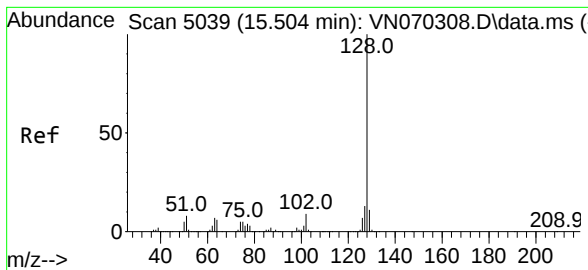
Tgt Ion:152 Resp: 646334
 Ion Ratio Lower Upper
 152 100
 115 60.9 27.5 82.5
 150 159.0 0.0 344.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.087 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. 0.000 min
 Lab File: VN070556.D
 Acq: 10 Jan 2022 20:41

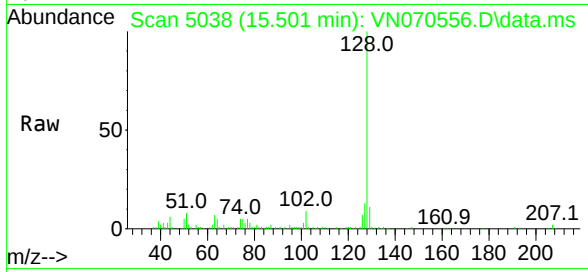
Tgt Ion:105 Resp: 50332
 Ion Ratio Lower Upper
 105 100
 120 37.7 22.8 68.4





#95
 Naphthalene
 Concen: 6.037 ug/l
 RT: 15.501 min Scan# 50
 Delta R.T. -0.003 min
 Lab File: VN070556.D
 Acq: 10 Jan 2022 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 HH-DRUM-COMP



Tgt Ion:	128	Resp:	129535
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.5	15.7
129	10.7	8.7	13.1

