

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066984.D
 Acq On : 5 May 2021 13:23
 Operator : JC/MD
 Sample : M2238-01
 Misc : 6.62g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-02-043021

Manual Integrations
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Quant Time: May 06 04:48:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	437514	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.515	114	747041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	718005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	380251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	353971	51.40	ug/l	0.00
Spiked Amount 50.000	Range 61	- 141	Recovery	=	102.80%	
35) Dibromofluoromethane	7.506	113	248517	48.99	ug/l	0.00
Spiked Amount 50.000	Range 69	- 133	Recovery	=	97.98%	
50) Toluene-d8	10.030	98	985710	51.02	ug/l	0.00
Spiked Amount 50.000	Range 65	- 126	Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.350	95	351197	53.69	ug/l	0.00
Spiked Amount 50.000	Range 58	- 135	Recovery	=	107.38%	
Target Compounds						
						Qvalue
16) Acetone	3.770	43	8487m	3.50	ug/l	
18) Methyl Acetate	4.253	43	19072	2.75	ug/l	# 77
20) Methylene Chloride	4.446	84	13832	2.25	ug/l	97
39) Methylcyclohexane	9.011	83	6624	0.76	ug/l	# 80
40) Benzene	7.965	78	46110	1.89	ug/l	99
67) Ethyl Benzene	11.460	91	68438	2.53	ug/l	97
68) m/p-Xylenes	11.567	106	126344	12.54	ug/l	89
69) o-Xylene	11.894	106	105142	10.79	ug/l	90
73) Isopropylbenzene	12.197	105	70968	2.41	ug/l	100
78) n-propylbenzene	12.538	91	288687	8.62	ug/l	98
80) 1,3,5-Trimethylbenzene	12.680	105	743614	28.89	ug/l	97
84) 1,2,4-Trimethylbenzene	12.986	105	2231425	90.82	ug/l	98
85) sec-Butylbenzene	13.117	105	254824	9.09	ug/l	81
86) p-Isopropyltoluene	13.235	119	215112	8.93	ug/l	98
89) n-Butylbenzene	13.560	91	417829	22.55	ug/l	# 71

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

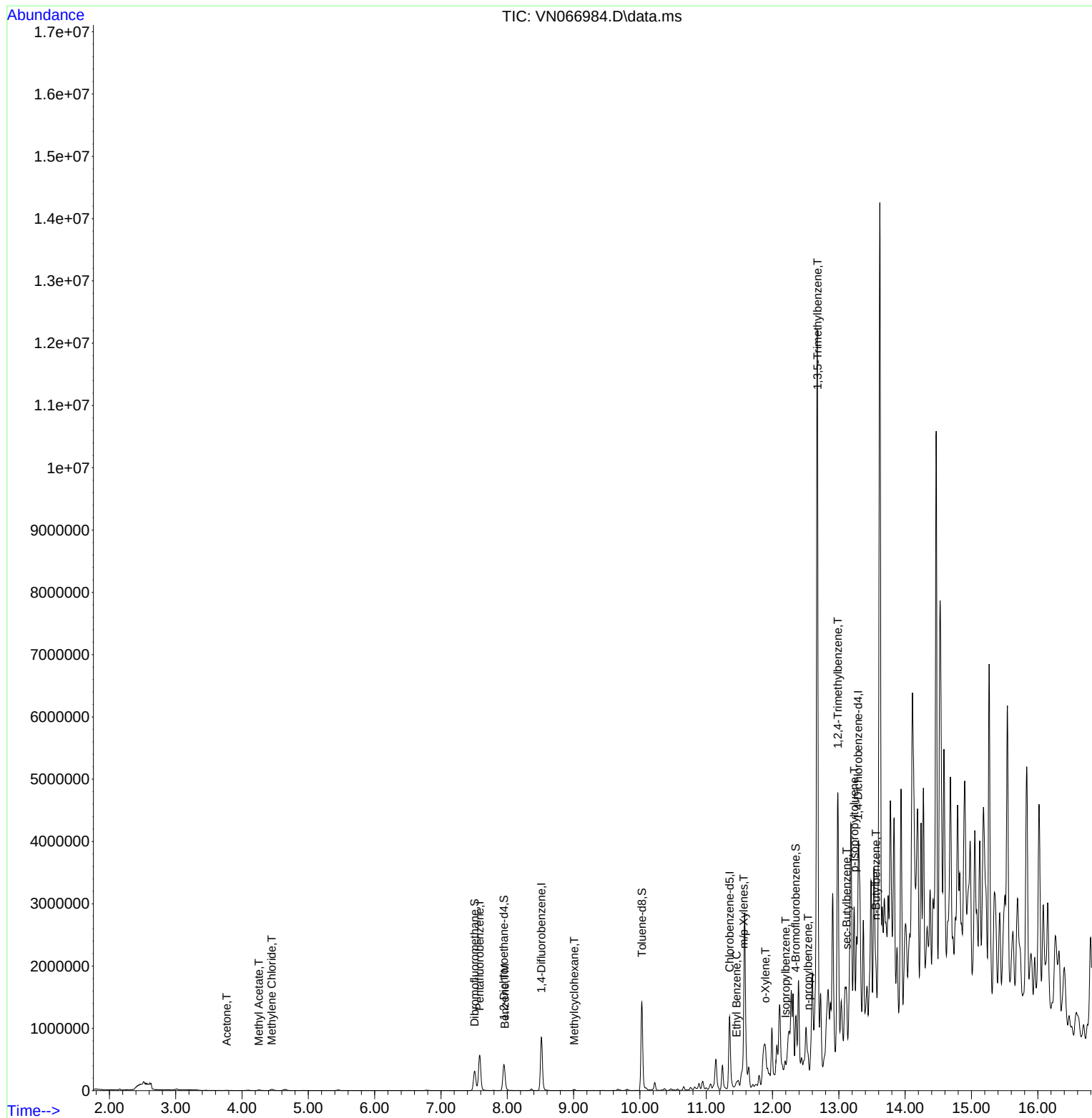
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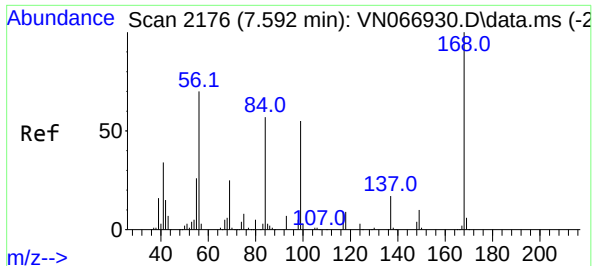
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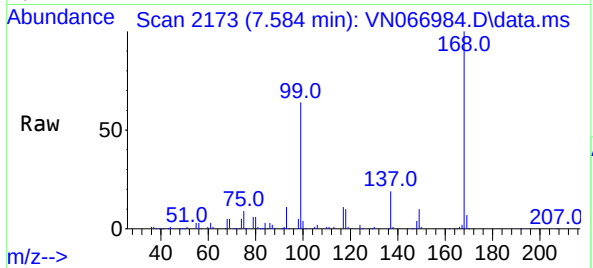
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Quant Time: May 06 04:48:18 2021
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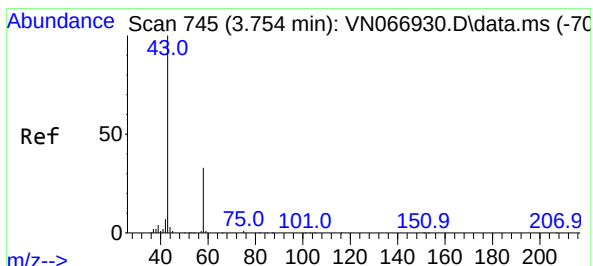
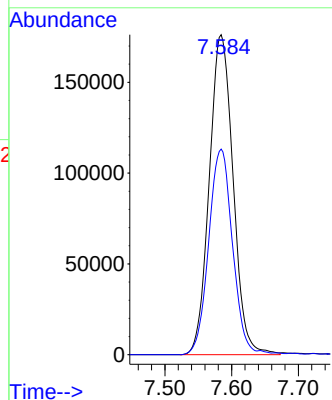
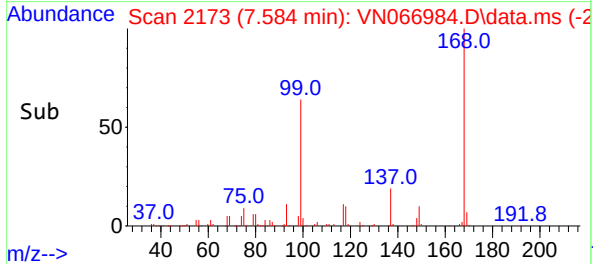




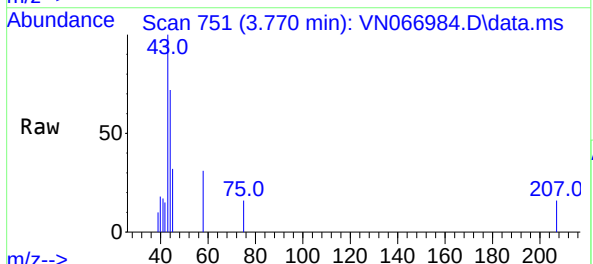
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.008 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23



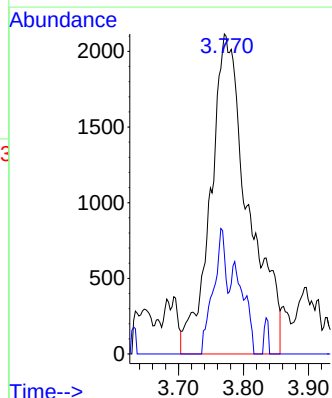
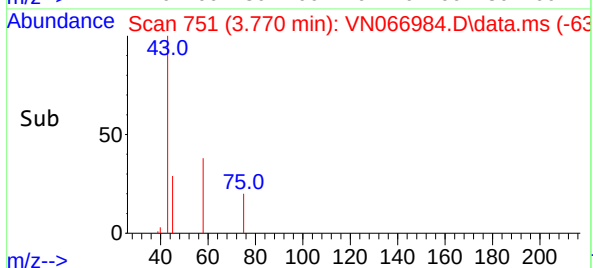
Tgt Ion:168 Resp: 437514
Ion Ratio Lower Upper
168 100
99 64.2 42.6 63.8#



#16
Acetone
Concen: 3.50 ug/l m
RT: 3.770 min Scan# 751
Delta R.T. 0.016 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23



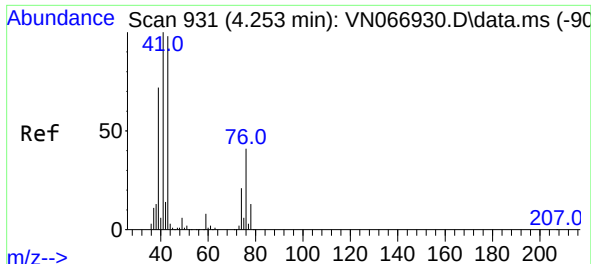
Tgt Ion: 43 Resp: 8487
Ion Ratio Lower Upper
43 100
58 31.3 27.0 40.6



Instrument :
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ClientSampleId :
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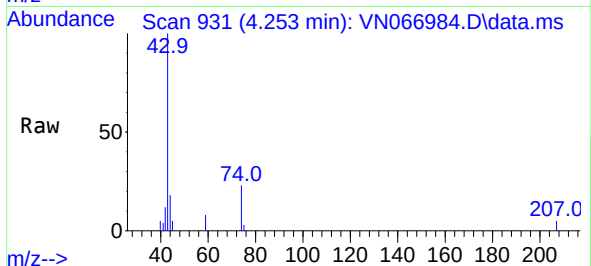
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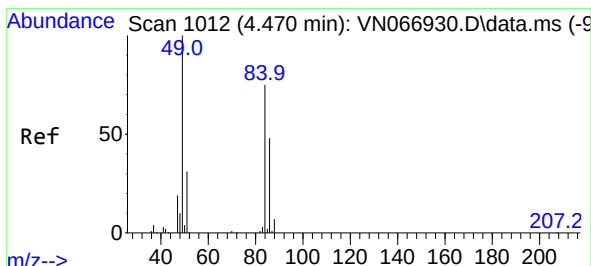
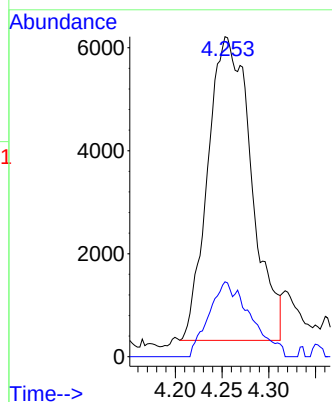
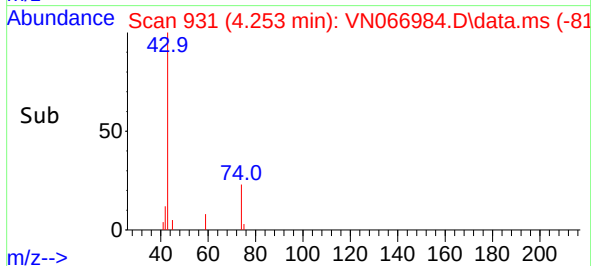


#18
Methyl Acetate
Concen: 2.75 ug/l
RT: 4.253 min Scan# 931
Delta R.T. 0.000 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

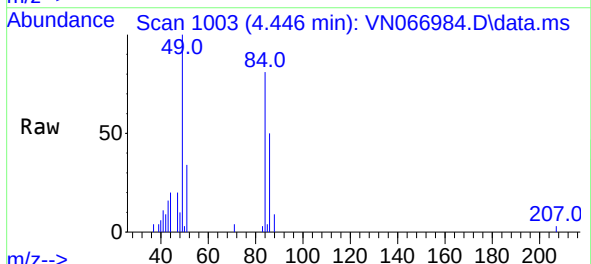
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ClientSampleId :
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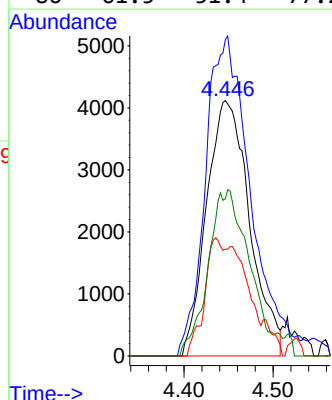
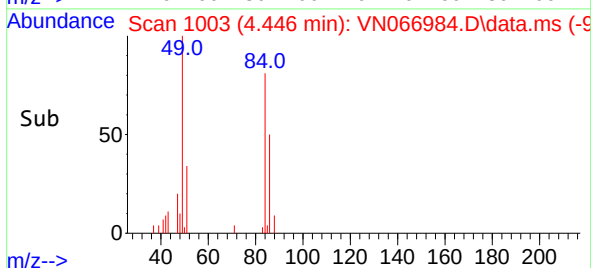
Tgt Ion: 43 Resp: 19072
Ion Ratio Lower Upper
43 100
74 13.0 19.5 29.3#

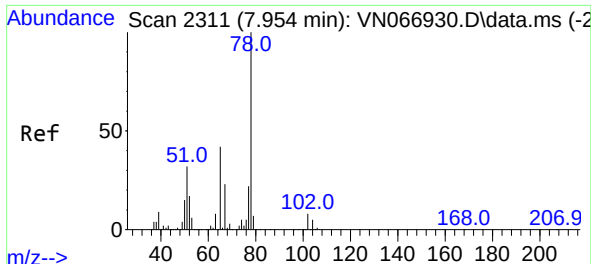


#20
Methylene Chloride
Concen: 2.25 ug/l
RT: 4.446 min Scan# 1003
Delta R.T. -0.024 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

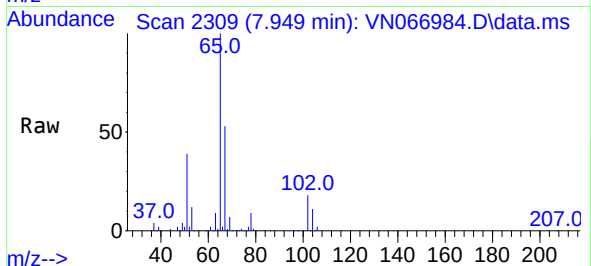


Tgt Ion: 84 Resp: 13832
Ion Ratio Lower Upper
84 100
49 119.4 94.6 141.8
51 41.8 29.9 44.9
86 61.5 51.4 77.2

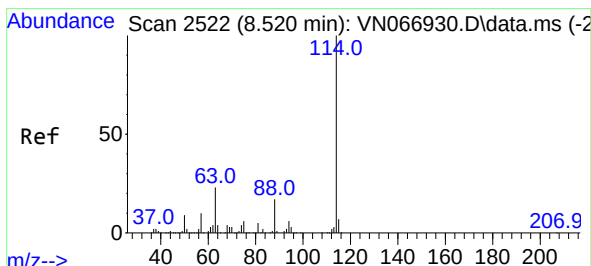
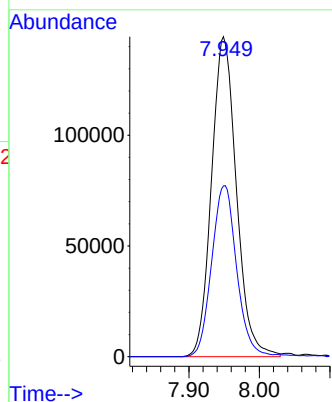
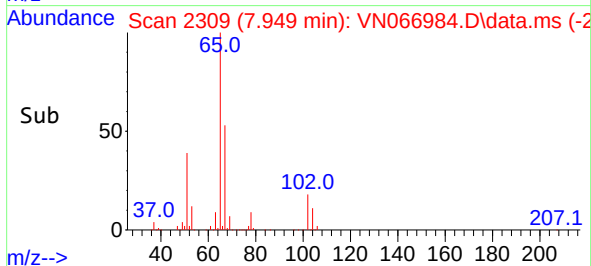




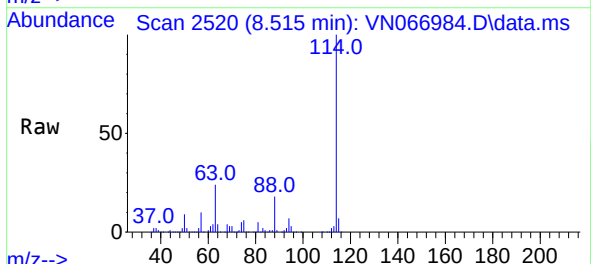
#33
1,2-Dichloroethane-d4
Concen: 51.40 ug/l
RT: 7.949 min Scan# 2309
Delta R.T. -0.005 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23



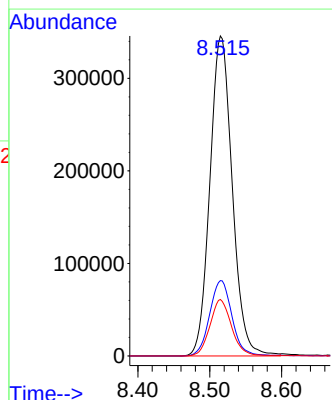
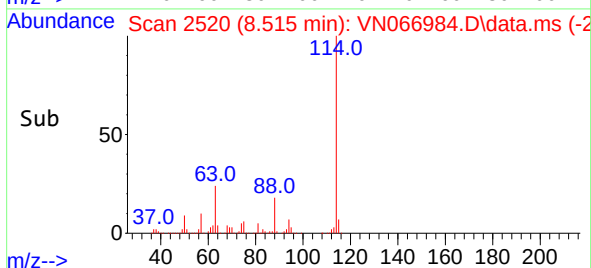
Tgt Ion: 65 Resp: 353971
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2520
Delta R.T. -0.005 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23



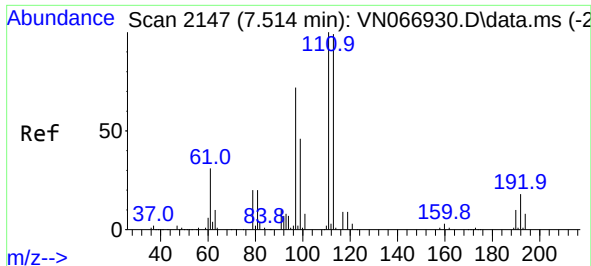
Tgt Ion: 114 Resp: 747041
Ion Ratio Lower Upper
114 100
63 23.5 0.0 38.6
88 17.6 0.0 30.6



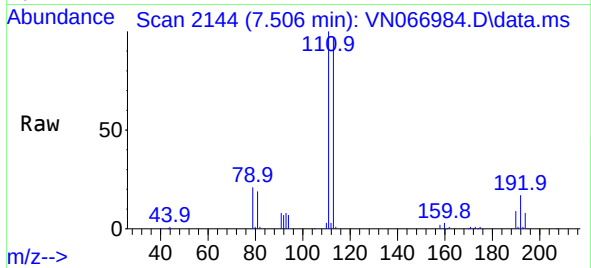
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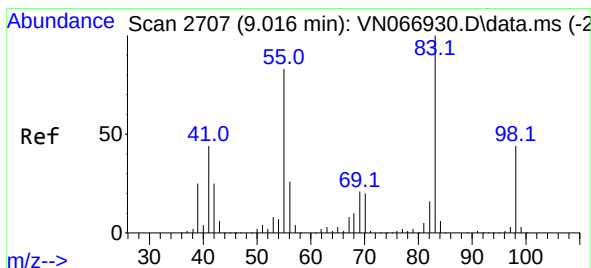
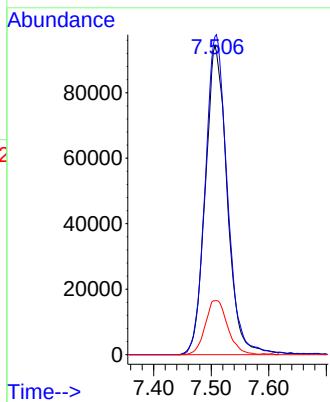
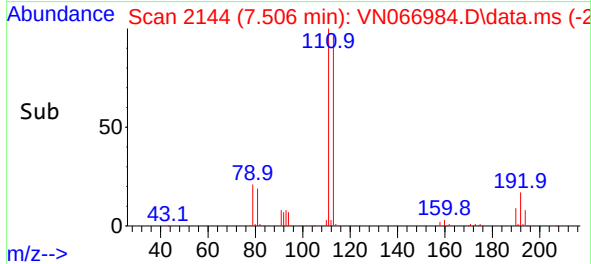
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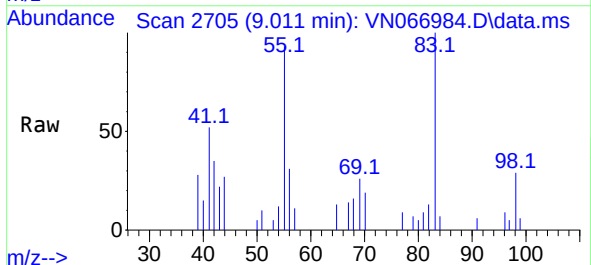
#35
Dibromofluoromethane
Concen: 48.99 ug/l
RT: 7.506 min Scan# 2144
Delta R.T. -0.008 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23



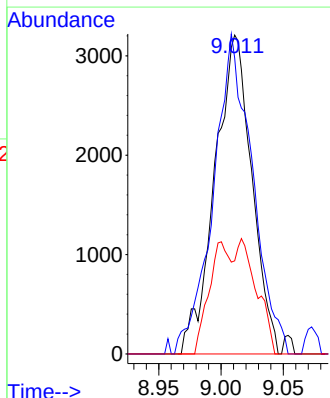
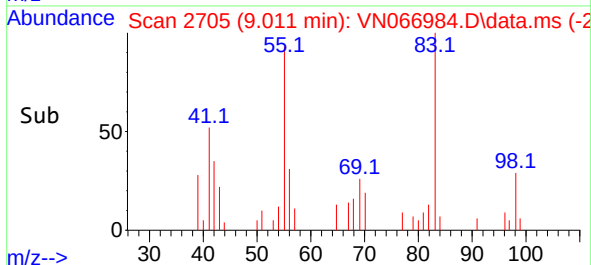
Tgt Ion: 113 Resp: 248517
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 18.0 15.4 23.0



#39
Methylcyclohexane
Concen: 0.76 ug/l
RT: 9.011 min Scan# 2705
Delta R.T. -0.005 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23



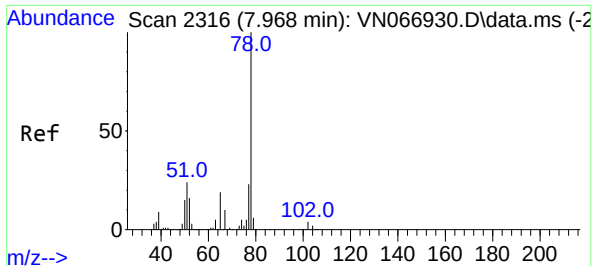
Tgt Ion: 83 Resp: 6624
Ion Ratio Lower Upper
83 100
55 88.1 58.9 88.3
98 29.2 35.9 53.9#



Instrument :
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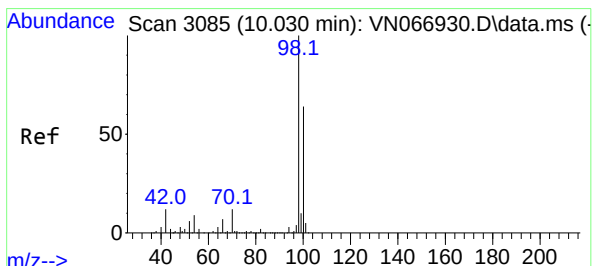
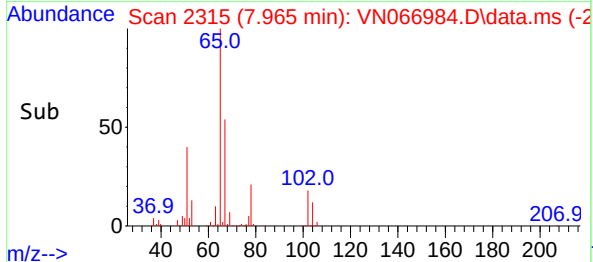
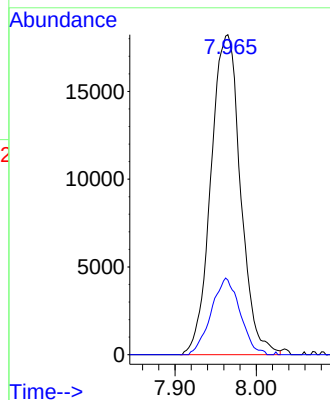
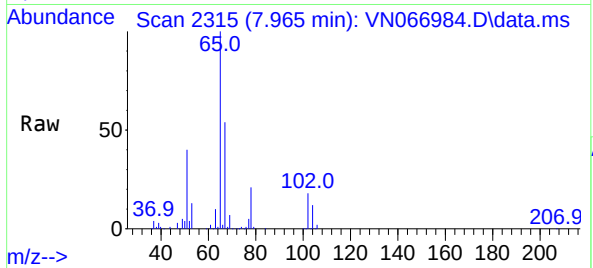
#40
Benzene
Concen: 1.89 ug/l
RT: 7.965 min Scan# 2315
Delta R.T. -0.003 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion: 78 Resp: 46110
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

Instrument :
MSVOA_N
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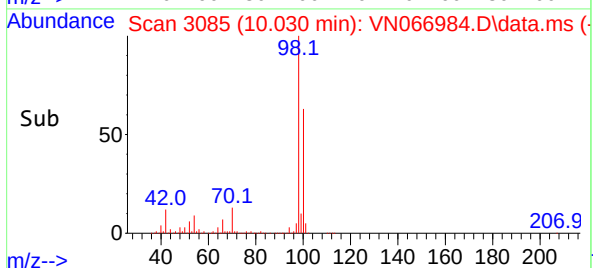
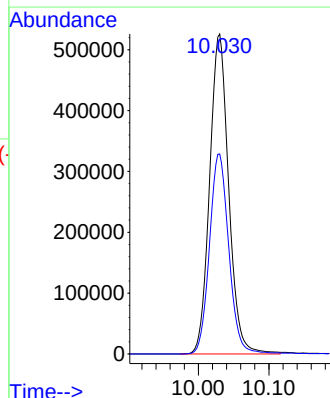
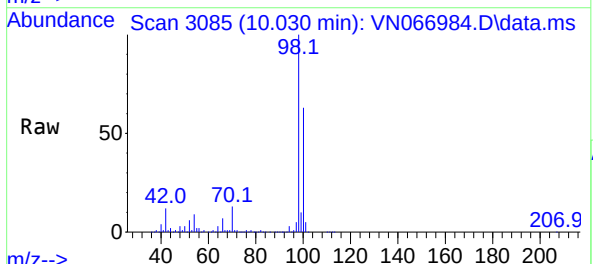
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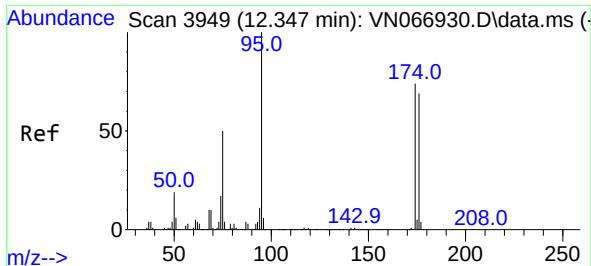
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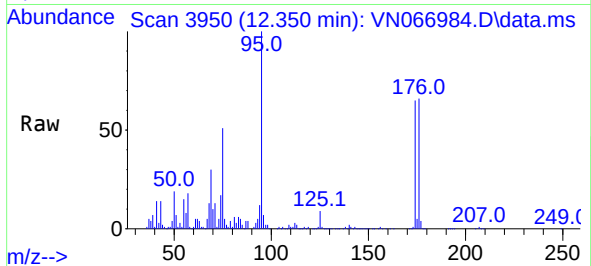
#50
Toluene-d8
Concen: 51.02 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion: 98 Resp: 985710
Ion Ratio Lower Upper
98 100
100 63.3 50.5 75.7

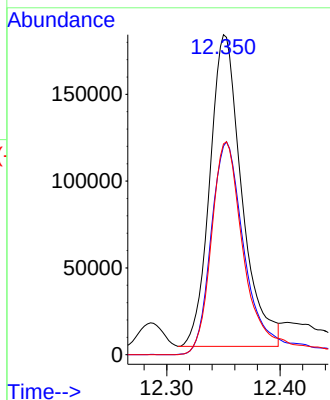
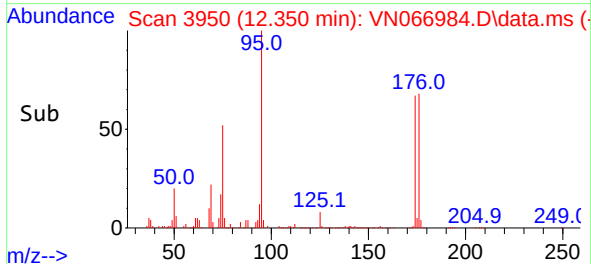




#62
4-Bromofluorobenzene
Concen: 53.69 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23



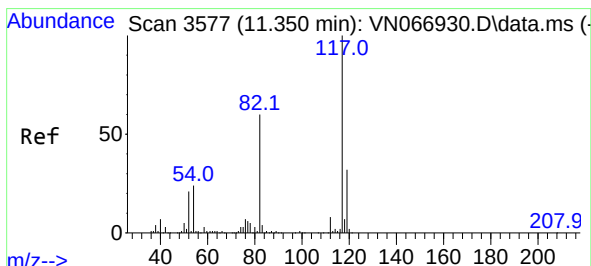
Tgt Ion: 95 Resp: 351197
Ion Ratio Lower Upper
95 100
174 76.2 0.0 169.0
176 72.1 0.0 162.4



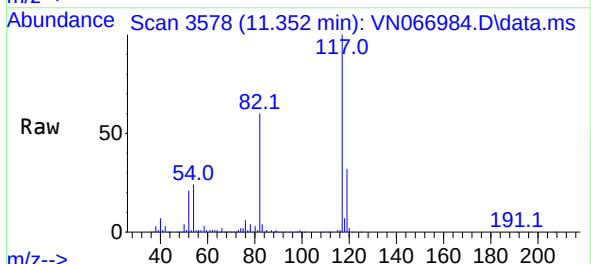
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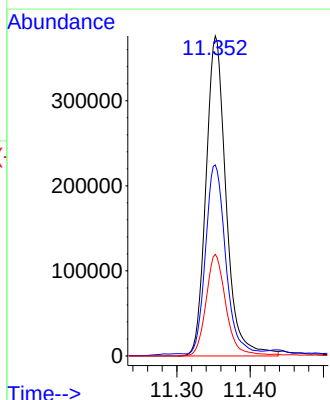
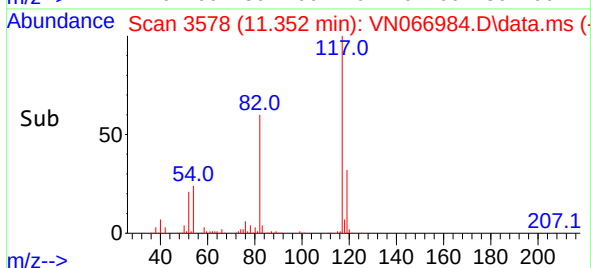
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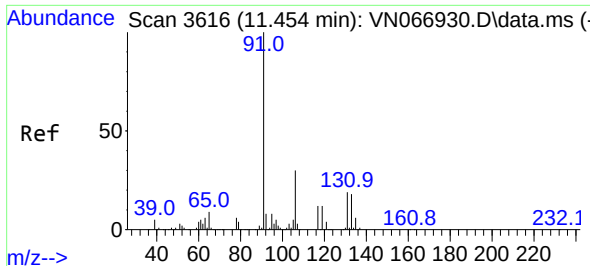


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23



Tgt Ion: 117 Resp: 718005
Ion Ratio Lower Upper
117 100
82 59.0 43.7 65.5
119 31.8 26.1 39.1





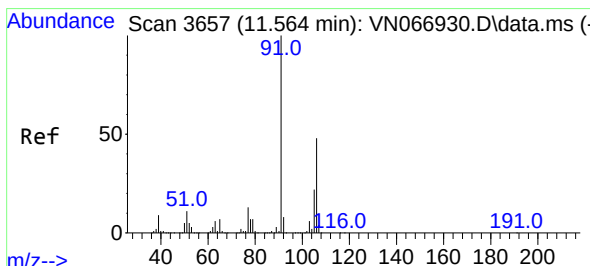
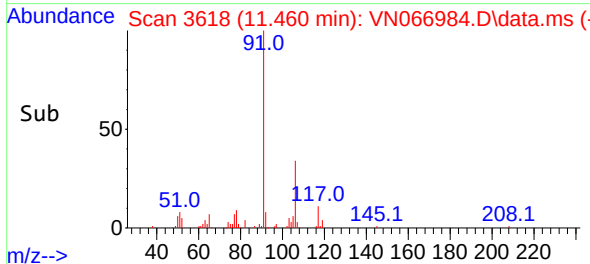
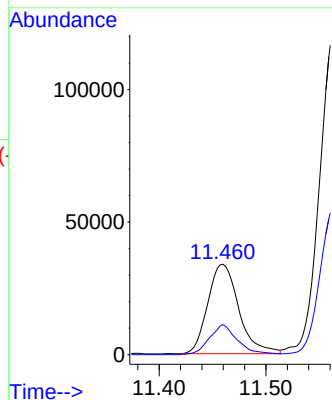
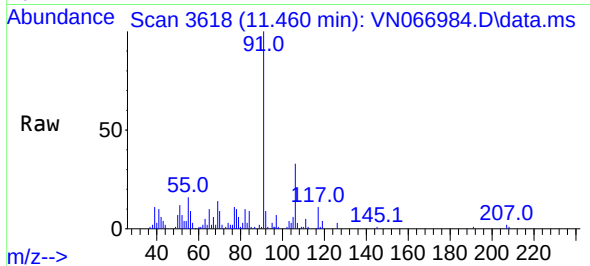
#67
Ethyl Benzene
Concen: 2.53 ug/l
RT: 11.460 min Scan# 3618
Delta R.T. 0.006 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion: 91 Resp: 68438
Ion Ratio Lower Upper
91 100
106 33.7 25.5 38.3

Instrument :
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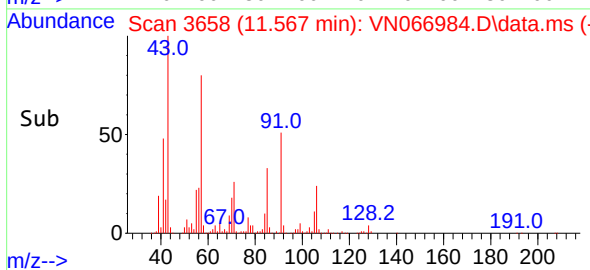
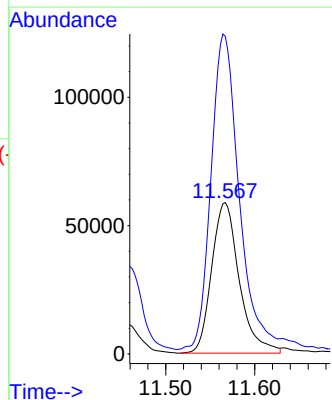
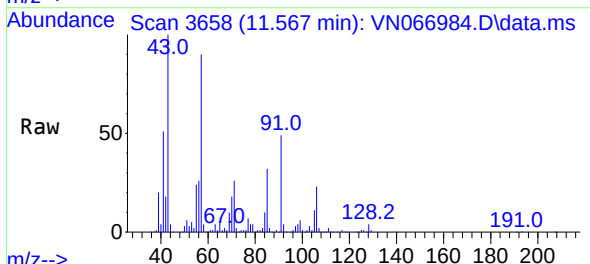
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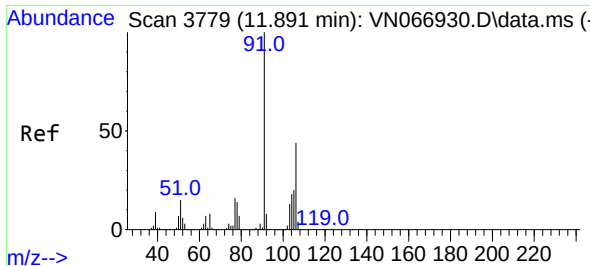
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#68
m/p-Xylenes
Concen: 12.54 ug/l
RT: 11.567 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion:106 Resp: 126344
Ion Ratio Lower Upper
106 100
91 219.0 161.4 242.0





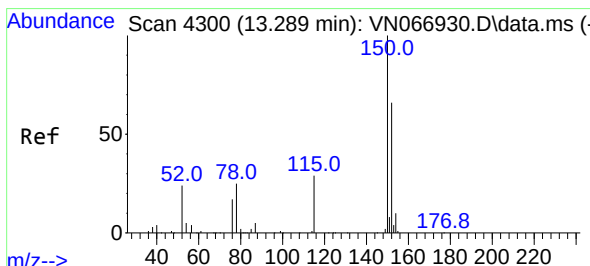
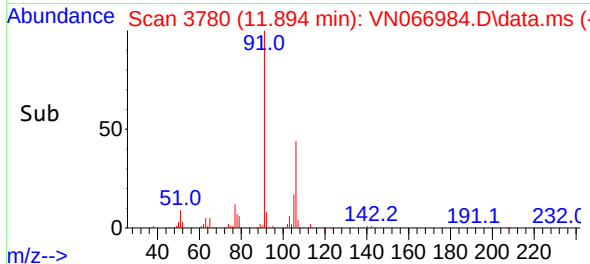
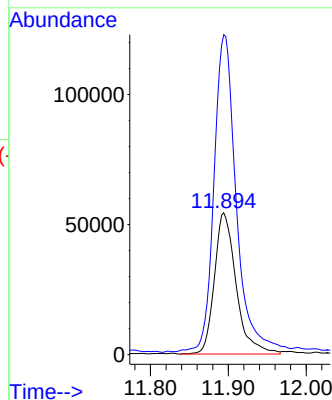
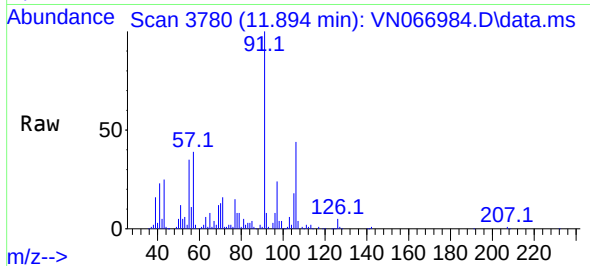
#69
o-Xylene
Concen: 10.79 ug/l
RT: 11.894 min Scan# 3780
Delta R.T. 0.003 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion:106 Resp: 105142
Ion Ratio Lower Upper
106 100
91 229.4 106.8 320.4

Instrument :
MSVOA_N
ClientSampleId :
HR-02-043021

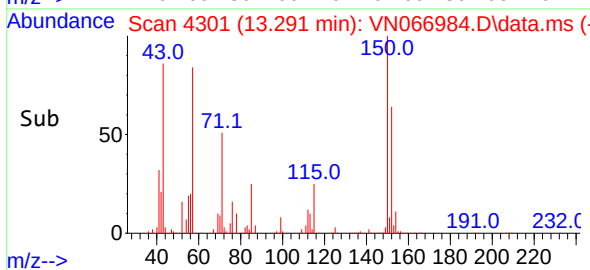
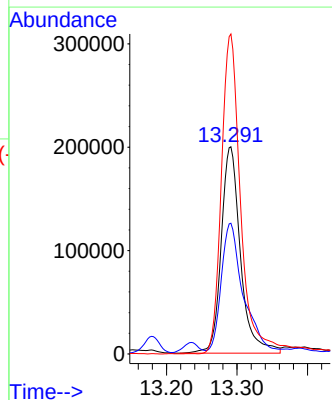
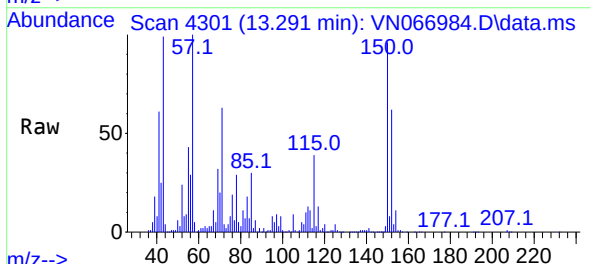
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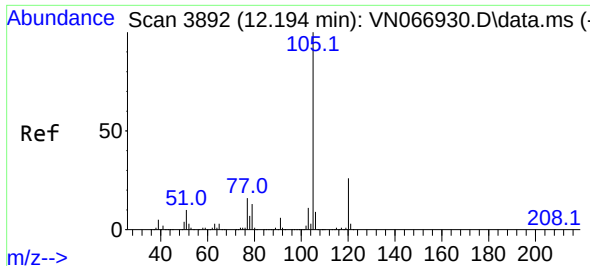
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

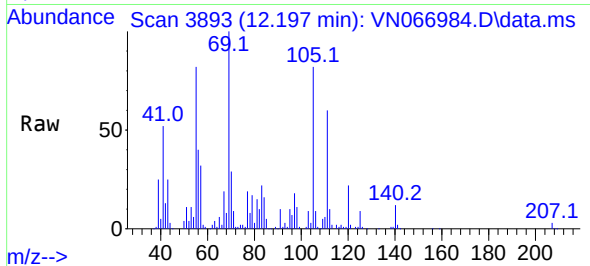
Tgt Ion:152 Resp: 380251
Ion Ratio Lower Upper
152 100
115 68.5 28.5 85.6
150 155.4 0.0 347.6





#73
Isopropylbenzene
Concen: 2.41 ug/l
RT: 12.197 min Scan# 3893
Delta R.T. 0.003 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

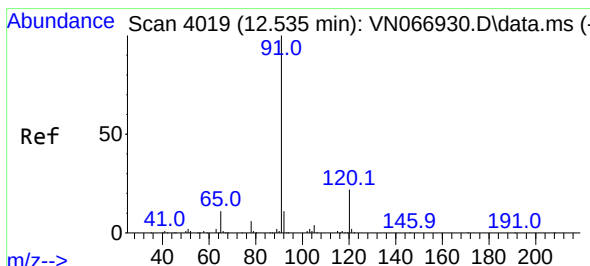
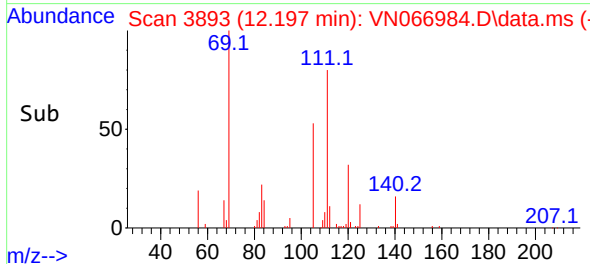
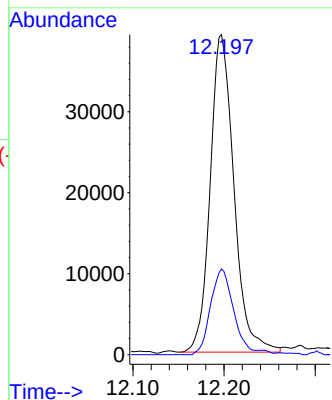
Instrument :
MSVOA_N
ClientSampleId :
HR-02-043021



Tgt Ion: 105 Resp: 70968
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

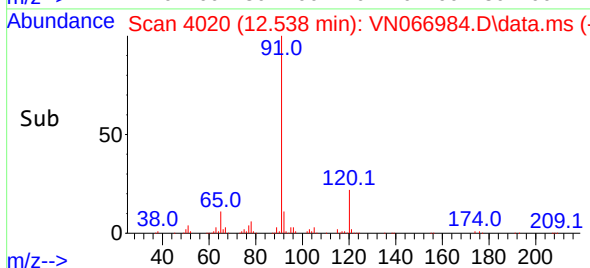
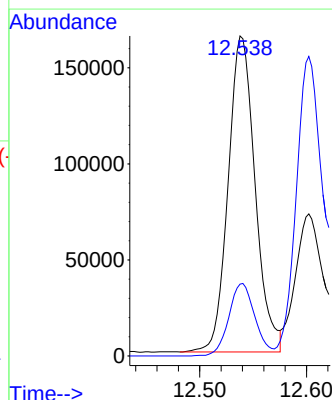
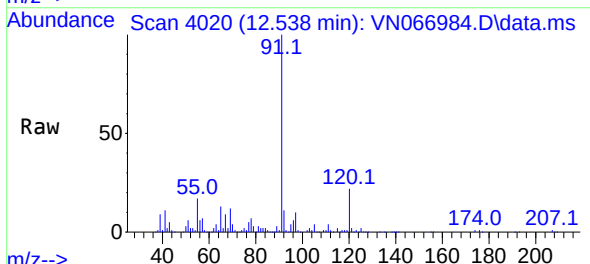
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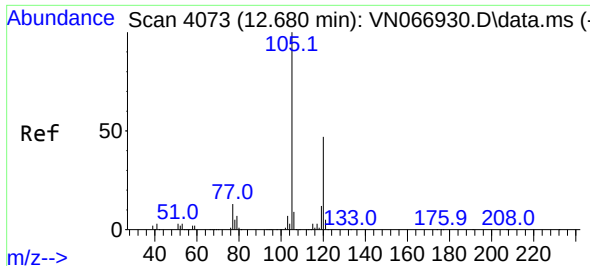
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#78
n-propylbenzene
Concen: 8.62 ug/l
RT: 12.538 min Scan# 4020
Delta R.T. 0.003 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion: 91 Resp: 288687
Ion Ratio Lower Upper
91 100
120 22.3 11.8 35.3





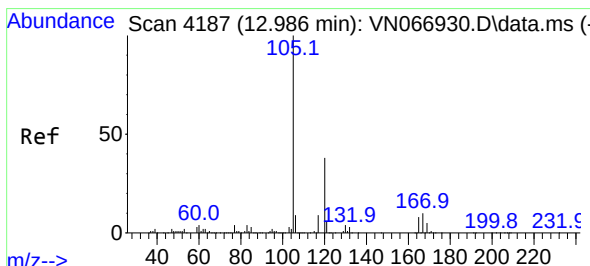
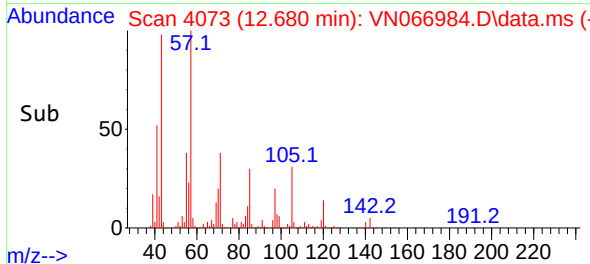
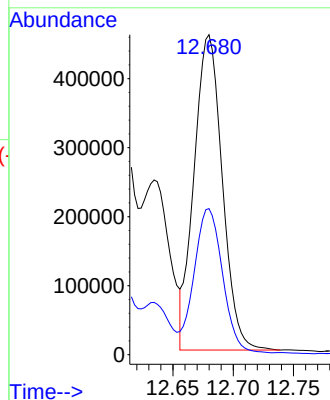
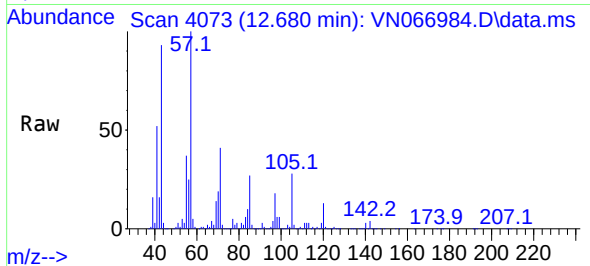
#80
1,3,5-Trimethylbenzene
Concen: 28.89 ug/l
RT: 12.680 min Scan# 4073
Delta R.T. -0.000 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion:105 Resp: 743614
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.8

Instrument :
MSVOA_N
ClientSampleId :
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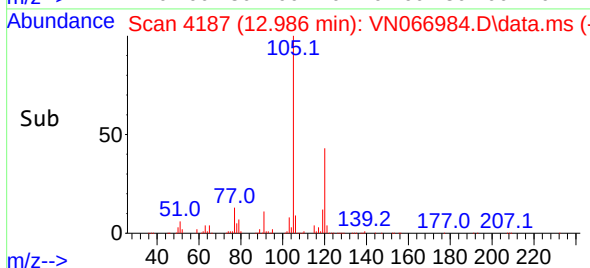
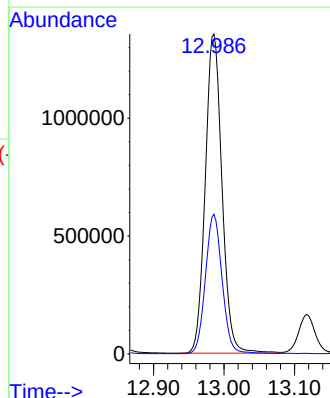
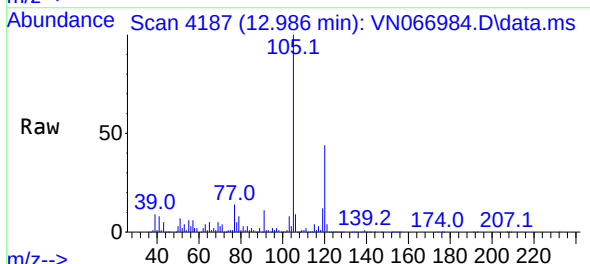
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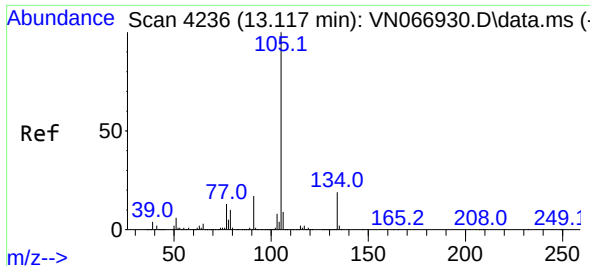
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#84
1,2,4-Trimethylbenzene
Concen: 90.82 ug/l
RT: 12.986 min Scan# 4187
Delta R.T. -0.000 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion:105 Resp: 2231425
Ion Ratio Lower Upper
105 100
120 43.4 22.4 67.0





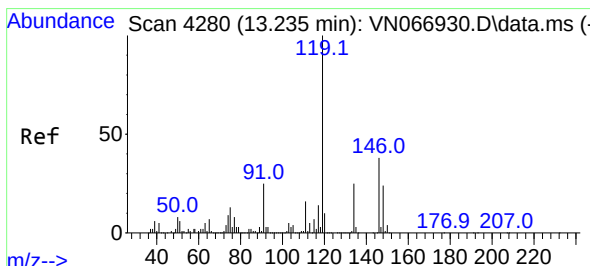
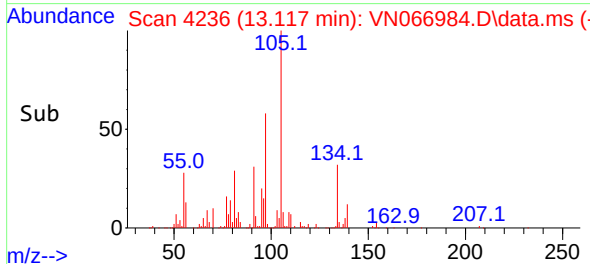
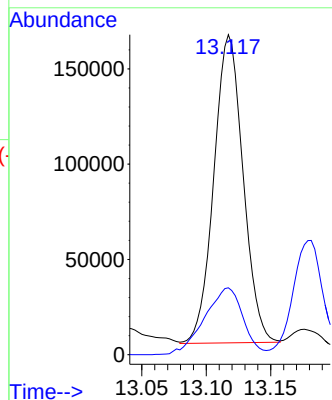
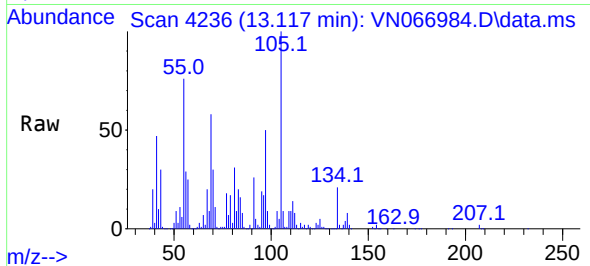
#85
sec-Butylbenzene
Concen: 9.09 ug/l
RT: 13.117 min Scan# 4236
Delta R.T. 0.000 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion:105 Resp: 254824
Ion Ratio Lower Upper
105 100
134 28.6 10.0 30.0

Instrument :
MSVOA_N
ClientSampled :
HR-02-043021

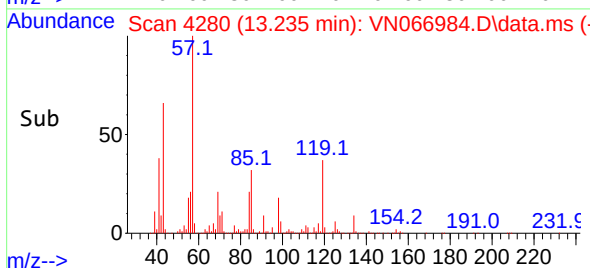
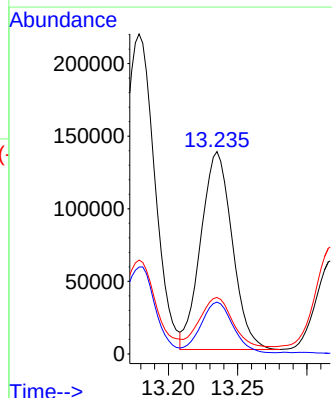
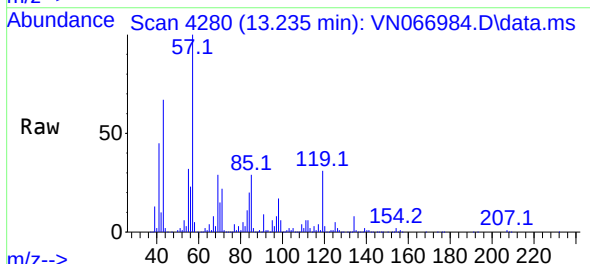
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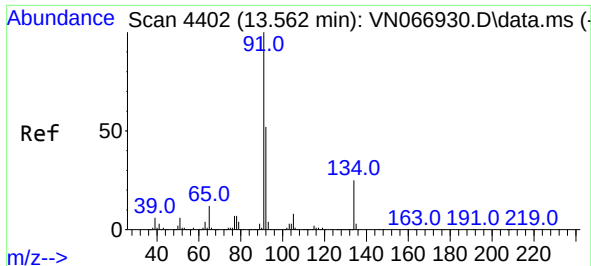
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#86
p-Isopropyltoluene
Concen: 8.93 ug/l
RT: 13.235 min Scan# 4280
Delta R.T. 0.000 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion:119 Resp: 215112
Ion Ratio Lower Upper
119 100
134 26.1 13.3 39.8
91 25.1 11.8 35.3





#89
n-Butylbenzene
Concen: 22.55 ug/l
RT: 13.560 min Scan# 4401
Delta R.T. -0.002 min
Lab File: VN066984.D
Acq: 5 May 2021 13:23

Tgt Ion: 91 Resp: 417829
Ion Ratio Lower Upper
91 100
92 64.7 26.1 78.3
134 0.0 13.0 38.9#

Instrument :
MSVOA_N
ClientSampleId :
HR-02-043021

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