

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067293.D
 Acq On : 11 Jun 2021 17:07
 Operator : JC/MD
 Sample : M2659-01
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31454

Manual Integrations
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Quant Time: Jun 12 04:28:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	362674	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	654830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	616289	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	387941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	324446	47.330	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.660%
35) Dibromofluoromethane	8.019	113	207657	49.764	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.520%
50) Toluene-d8	10.440	98	862694	52.608	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.220%
62) 4-Bromofluorobenzene	12.734	95	379001	55.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.080%
Target Compounds						
					Qvalue	
48) Methyl methacrylate	9.563	41	49531	7.378	ug/l	# 73
68) m/p-Xylenes	11.953	106	35784	3.867	ug/l	76
69) o-Xylene	12.286	106	21764	2.398	ug/l	76
78) n-propylbenzene	12.921	91	138054	3.237	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	546482	17.507	ug/l	93
83) tert-Butylbenzene	13.326	119	25916	1.009	ug/l	79
84) 1,2,4-Trimethylbenzene	13.369	105	1449997	47.428	ug/l	92
85) sec-Butylbenzene	13.503	105	200656	5.601	ug/l	# 60
86) p-Isopropyltoluene	13.619	119	229623	7.572	ug/l	89
89) n-Butylbenzene	13.940	91	194075m	6.954	ug/l	

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

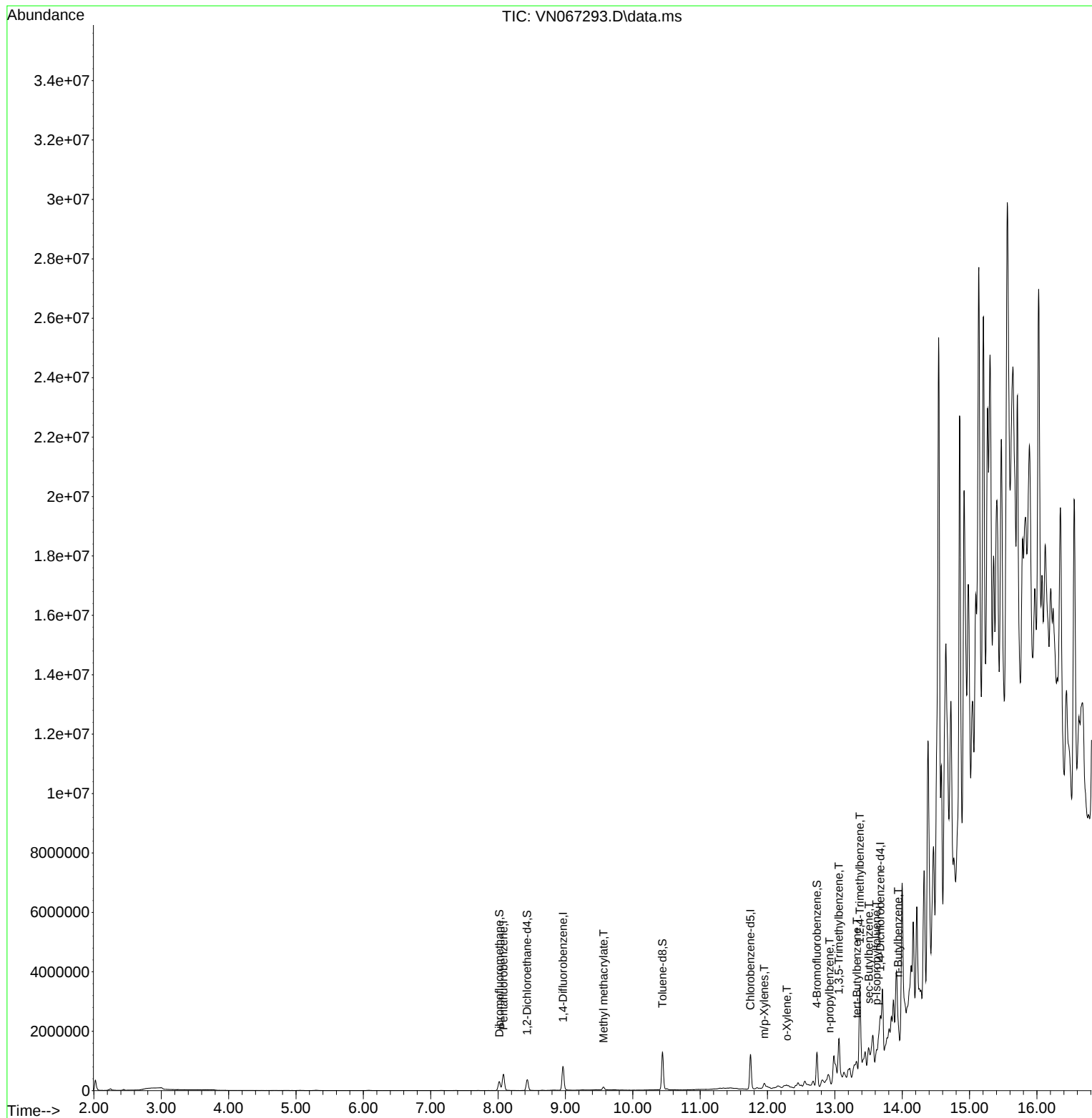
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Data File : VN067293.D
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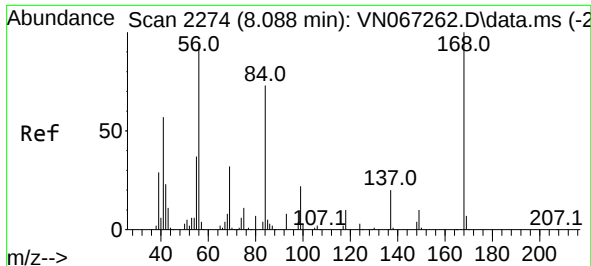
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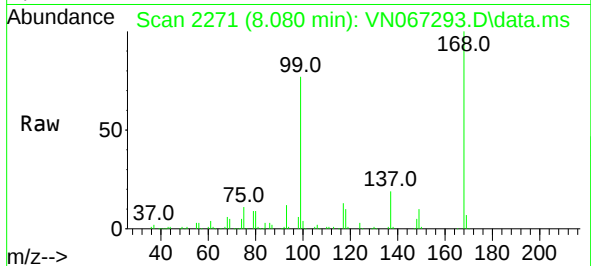
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 05:27:41 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.008 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07

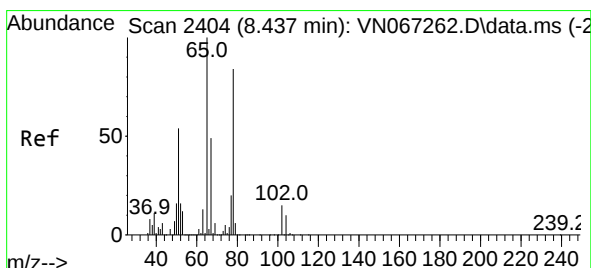
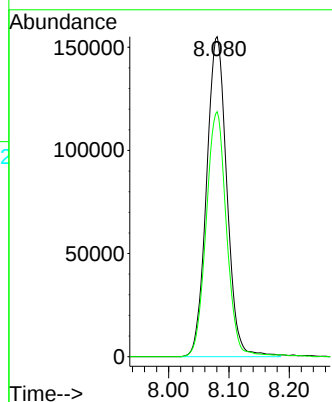
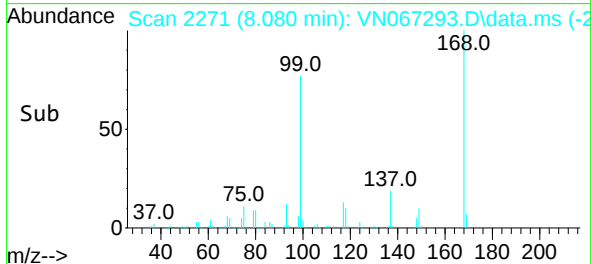
Instrument :
MSVOA_N
ClientSampled :
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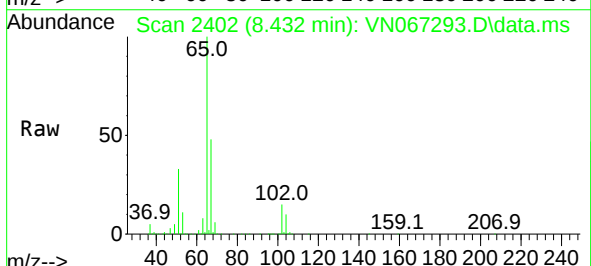
Tgt Ion:168 Resp: 362674
Ion Ratio Lower Upper
168 100
99 76.6 38.5 57.7#

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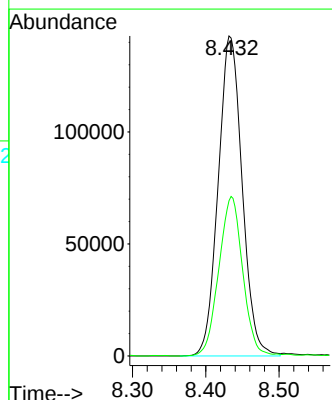
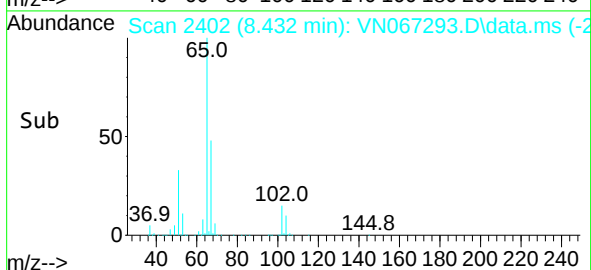
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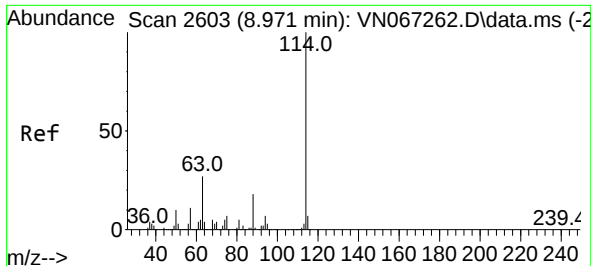


#33
1,2-Dichloroethane-d4
Concen: 47.330 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07



Tgt Ion: 65 Resp: 324446
Ion Ratio Lower Upper
65 100
67 49.5 0.0 110.4





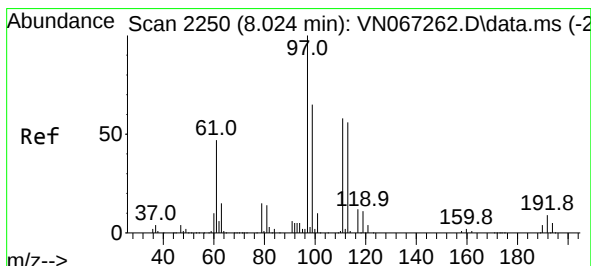
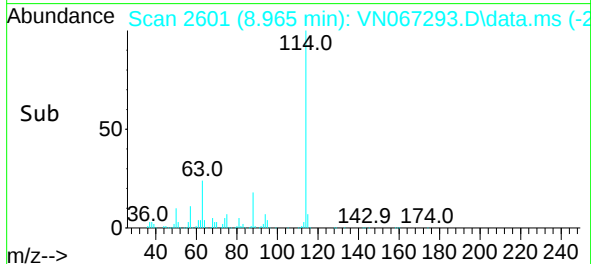
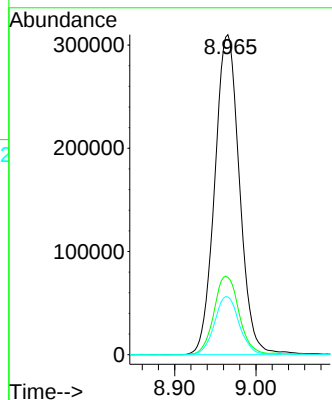
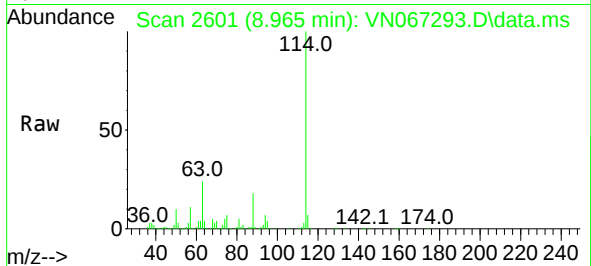
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.006 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07

Tgt Ion:114 Resp: 654830
Ion Ratio Lower Upper
114 100
63 24.1 0.0 35.8
88 18.1 0.0 30.4

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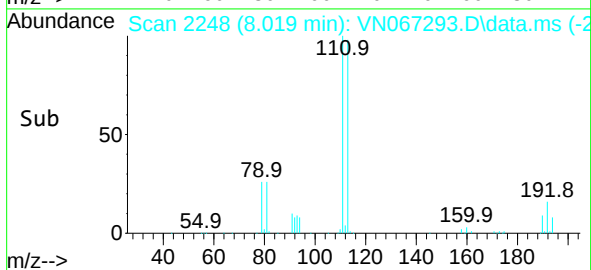
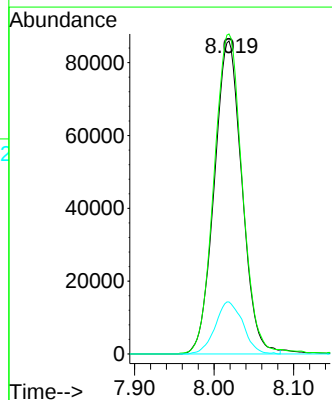
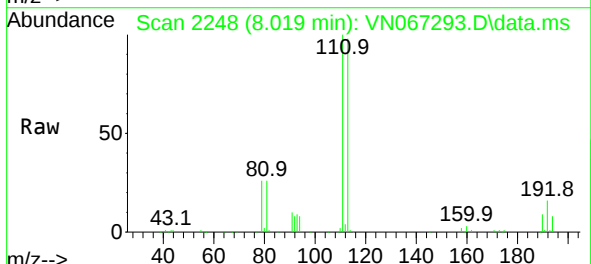
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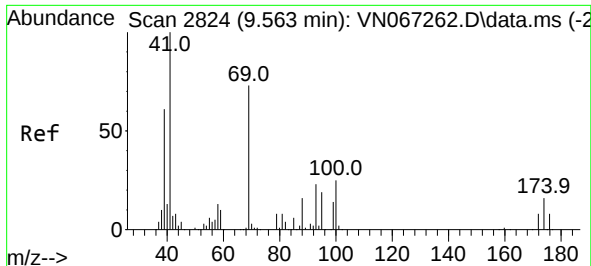
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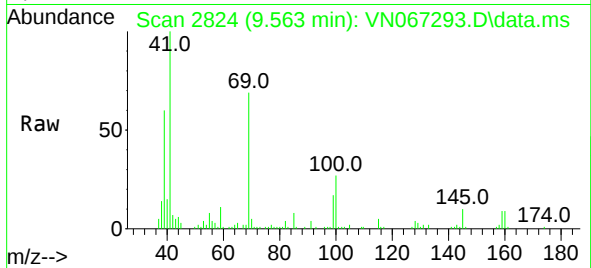
#35
Dibromofluoromethane
Concen: 49.764 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07

Tgt Ion:113 Resp: 207657
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 16.7 18.2 27.4#

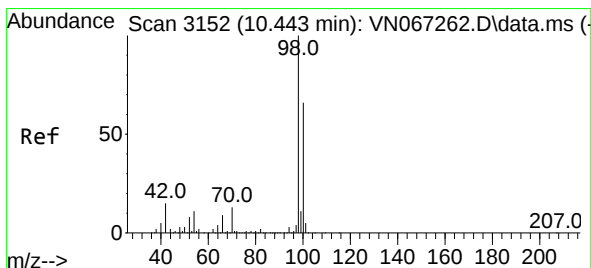
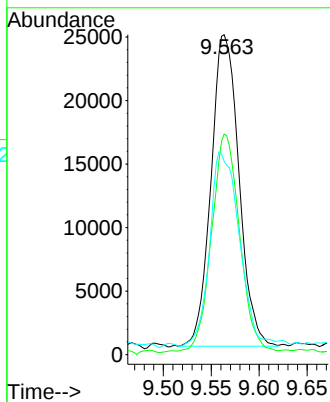
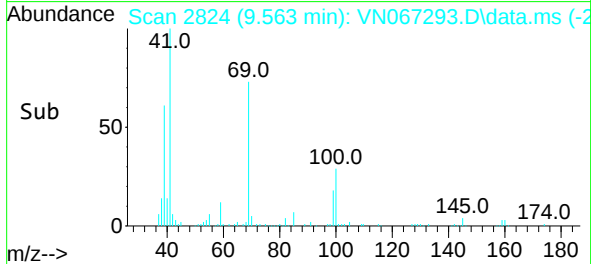




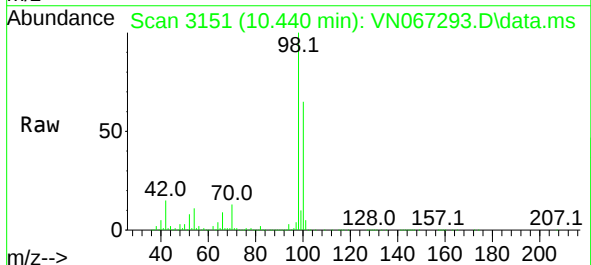
#48
Methyl methacrylate
Concen: 7.378 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07



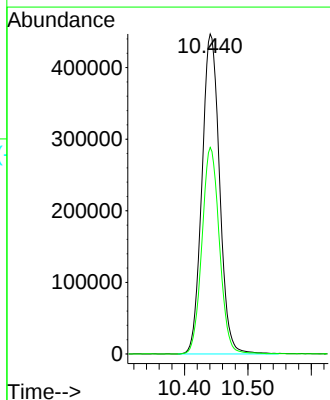
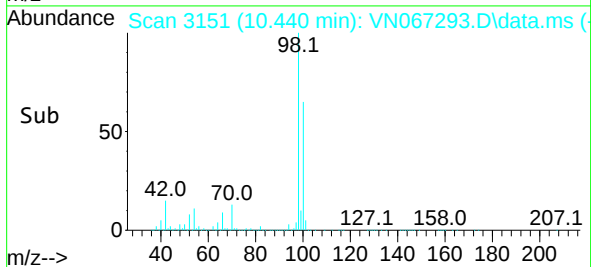
Tgt Ion: 41 Resp: 49531
Ion Ratio Lower Upper
41 100
69 69.4 80.5 120.7#
39 66.0 41.4 62.0#



#50
Toluene-d8
Concen: 52.608 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07



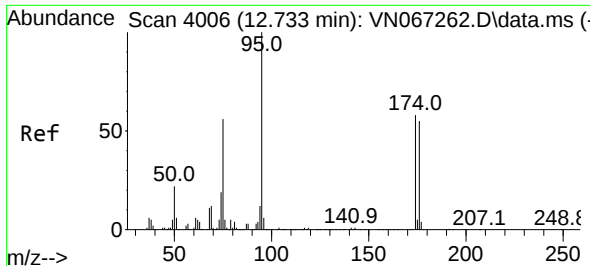
Tgt Ion: 98 Resp: 862694
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8



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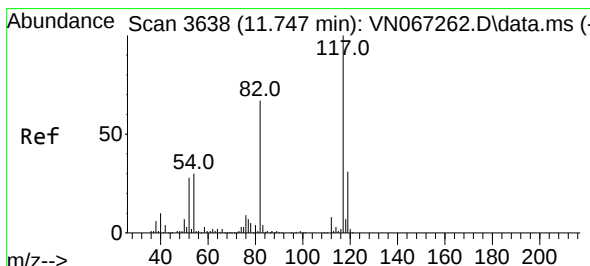
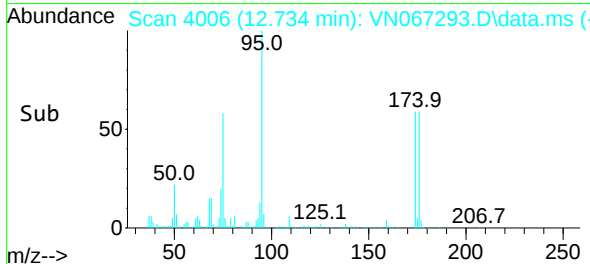
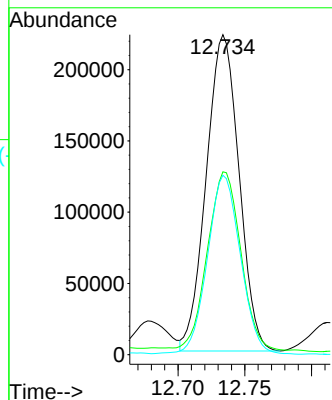
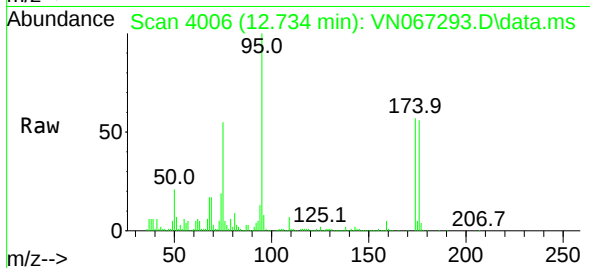
#62
4-Bromofluorobenzene
Concen: 55.539 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067293.D
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Tgt Ion: 95 Resp: 379001
Ion Ratio Lower Upper
95 100
174 57.2 0.0 182.8
176 57.0 0.0 176.6

Instrument :
MSVOA_N
ClientSampled :
31454

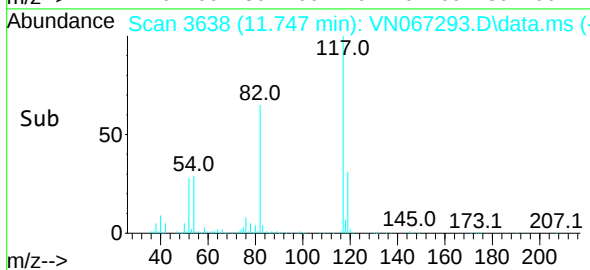
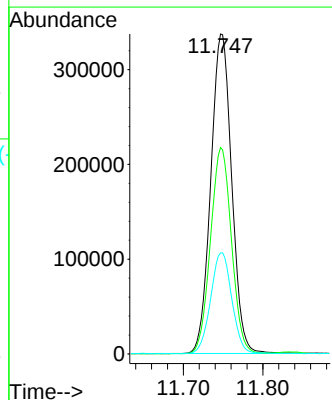
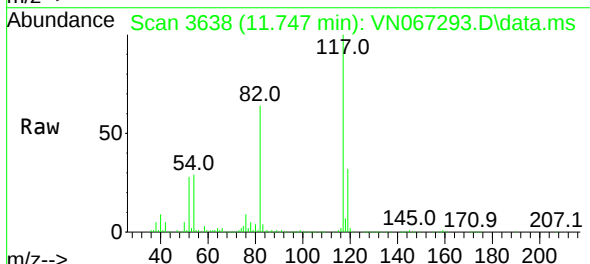
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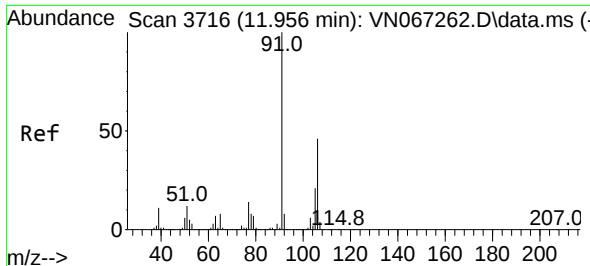
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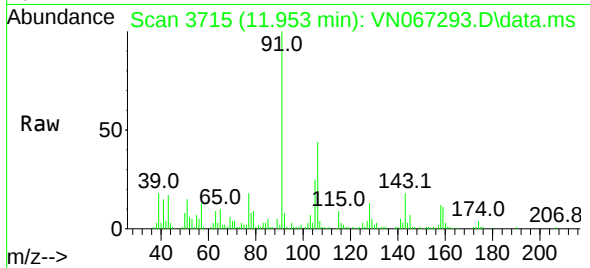
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07

Tgt Ion: 117 Resp: 616289
Ion Ratio Lower Upper
117 100
82 64.5 42.2 63.2#
119 31.5 25.8 38.6

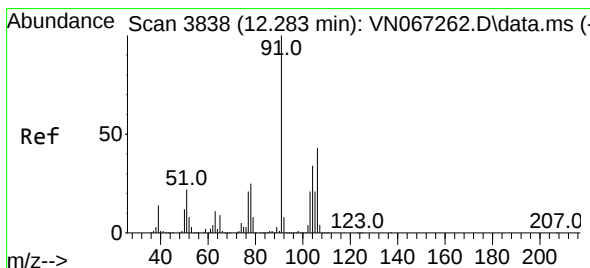
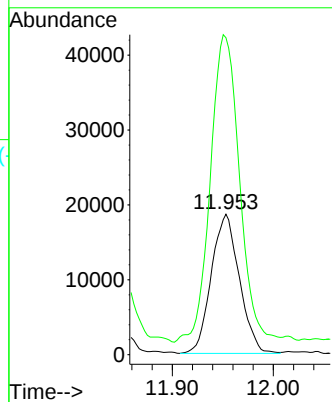
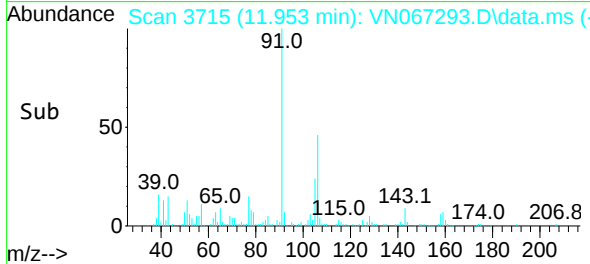




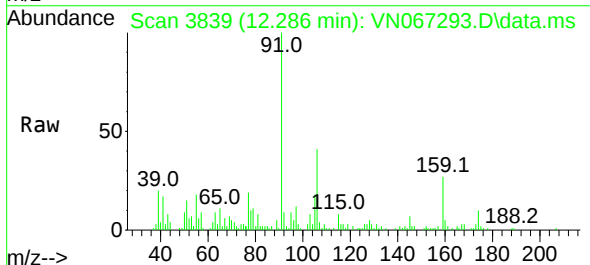
#68
m/p-Xylenes
Concen: 3.867 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07



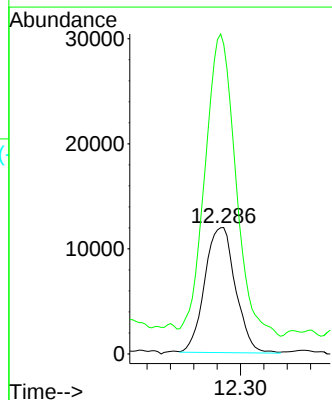
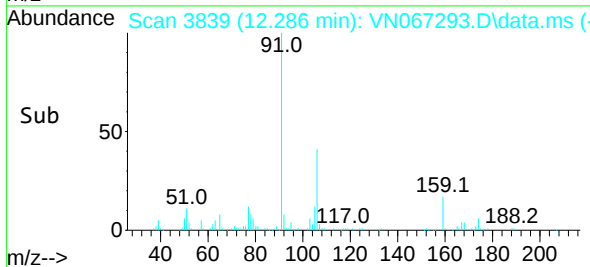
Tgt Ion:106 Resp: 35784
Ion Ratio Lower Upper
106 100
91 229.1 155.2 232.8



#69
o-Xylene
Concen: 2.398 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07



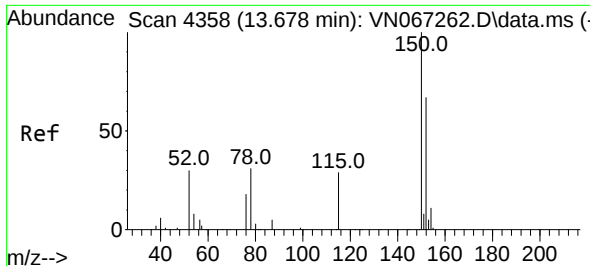
Tgt Ion:106 Resp: 21764
Ion Ratio Lower Upper
106 100
91 241.9 102.3 306.8



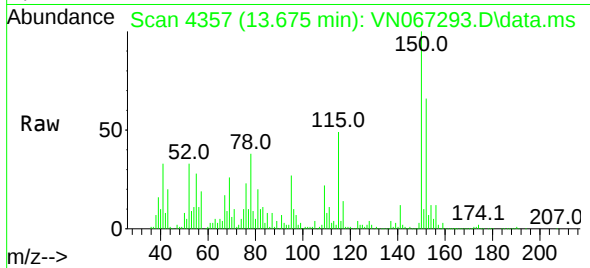
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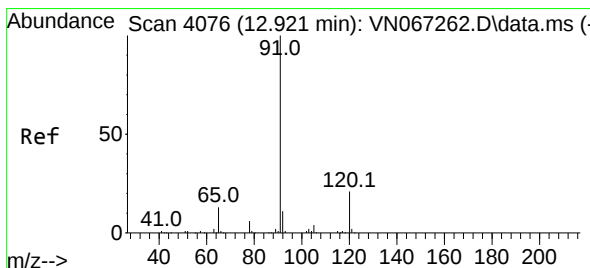
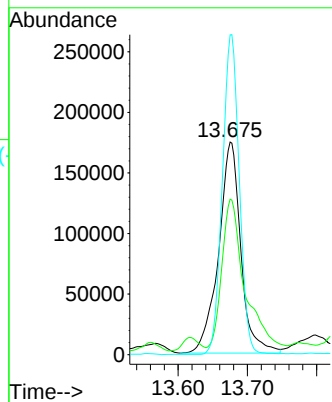
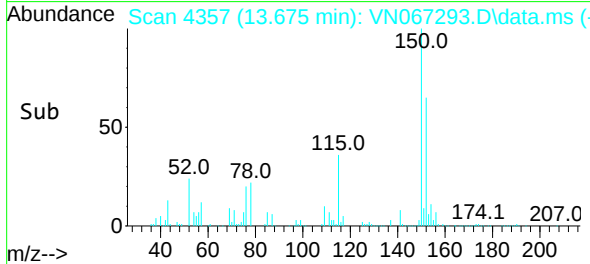
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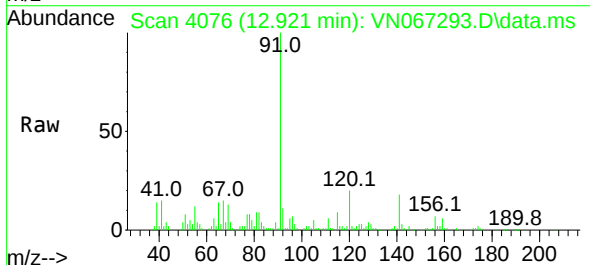
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07



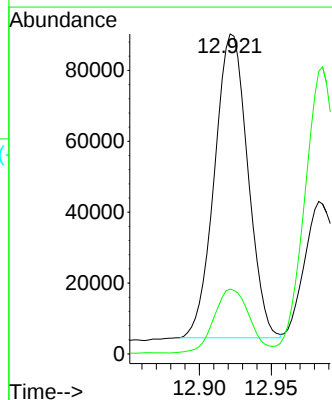
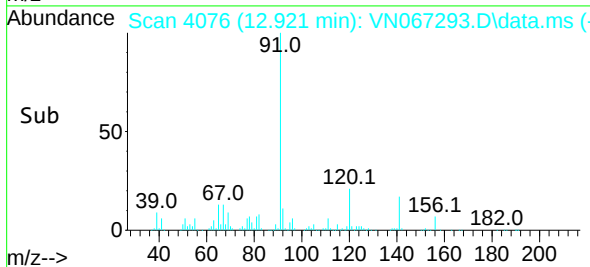
Tgt Ion:152 Resp: 387941
Ion Ratio Lower Upper
152 100
115 70.6 27.0 80.8
150 115.3 0.0 350.2



#78
n-propylbenzene
Concen: 3.237 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07



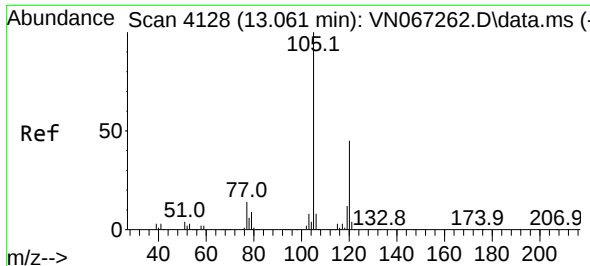
Tgt Ion: 91 Resp: 138054
Ion Ratio Lower Upper
91 100
120 22.4 12.7 38.0



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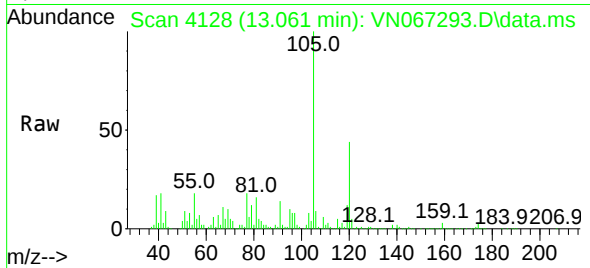
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#80
1,3,5-Trimethylbenzene
Concen: 17.507 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07

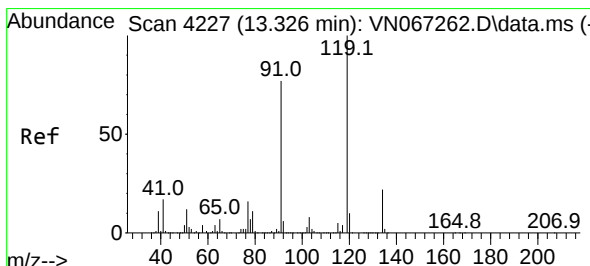
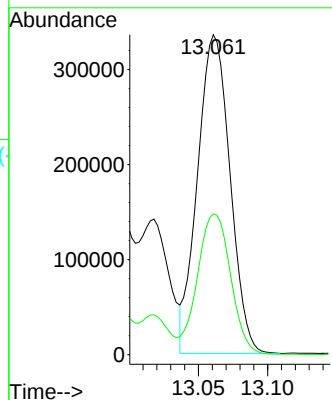
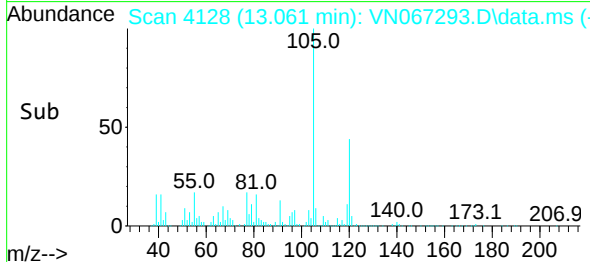
Instrument :
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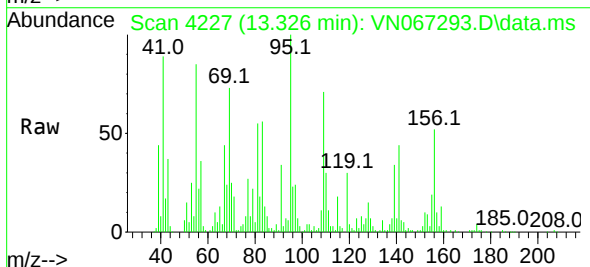
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Ion Ratio Lower Upper
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120 45.2 25.0 75.0

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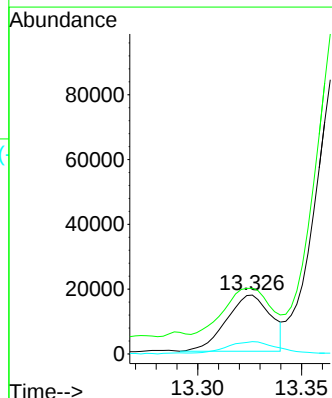
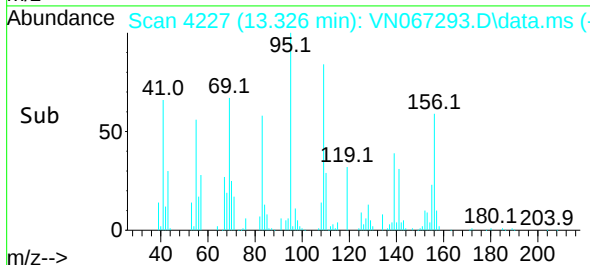
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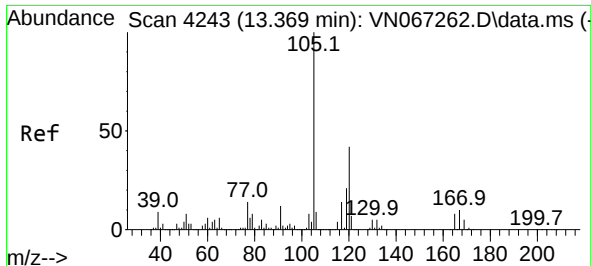


#83
tert-Butylbenzene
Concen: 1.009 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07



Tgt Ion:119 Resp: 25916
Ion Ratio Lower Upper
119 100
91 82.9 30.2 90.6
134 26.3 13.0 39.0





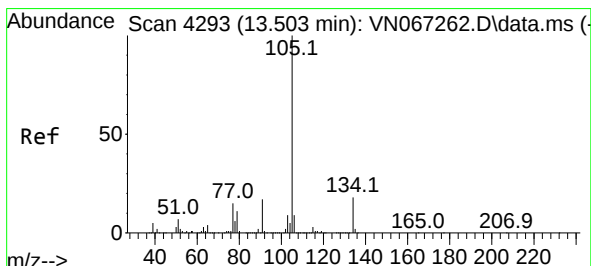
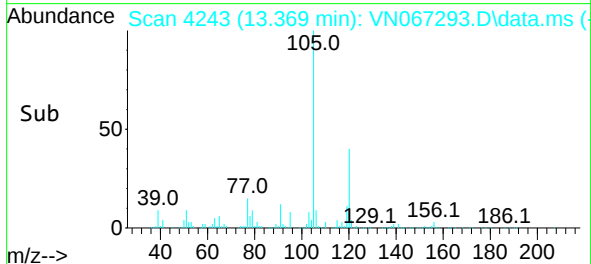
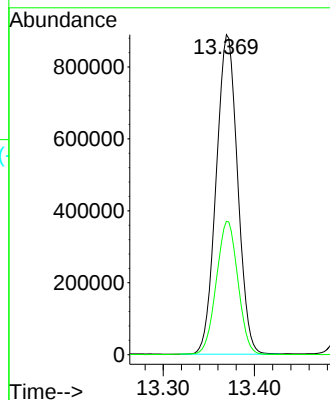
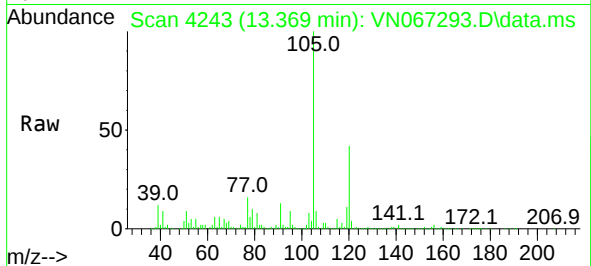
#84
1,2,4-Trimethylbenzene
Concen: 47.428 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07

Tgt Ion:105 Resp: 1449997
Ion Ratio Lower Upper
105 100
120 42.3 23.8 71.2

Instrument :
MSVOA_N
ClientSampleId :
31454

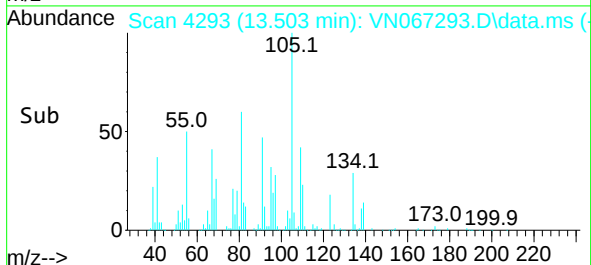
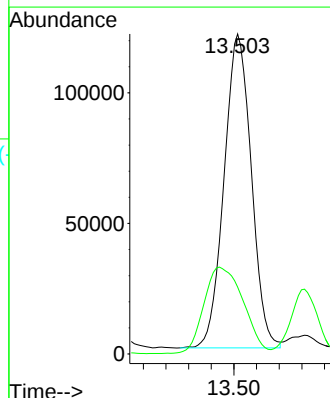
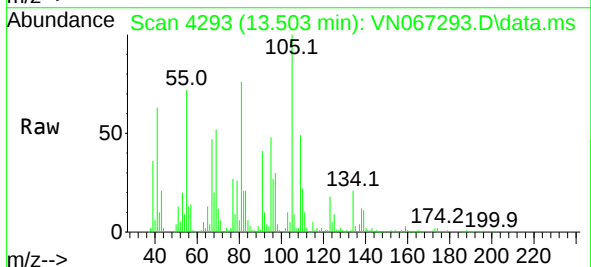
Manual Integrations
APPROVED

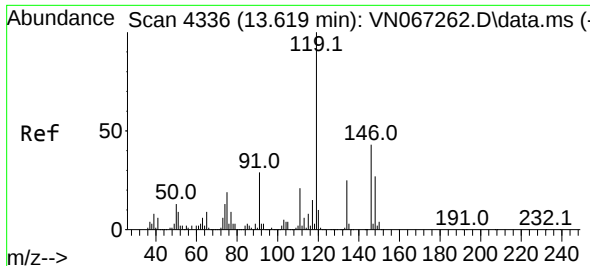
MMDadoda
6/14/2021 4:10:39 PM



#85
sec-Butylbenzene
Concen: 5.601 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07

Tgt Ion:105 Resp: 200656
Ion Ratio Lower Upper
105 100
134 39.6 10.5 31.5#





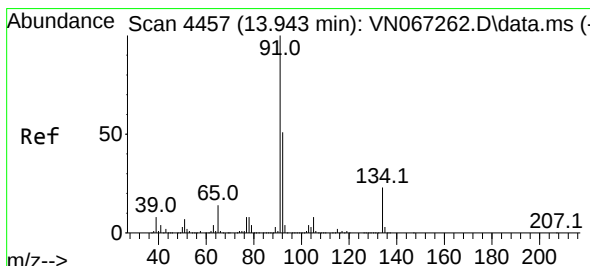
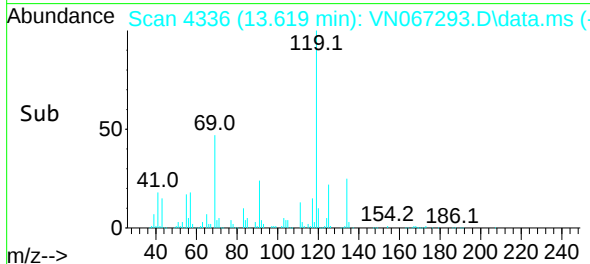
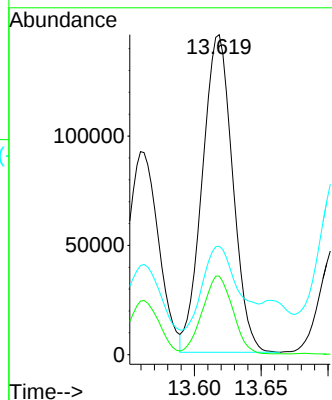
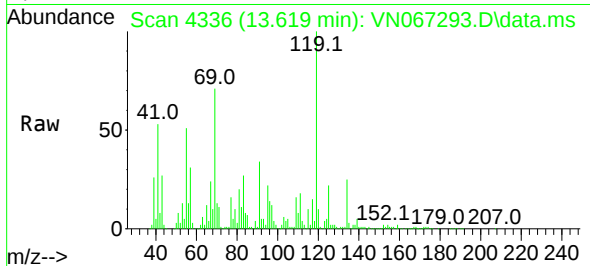
#86
p-Isopropyltoluene
Concen: 7.572 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07

Tgt Ion: 119 Resp: 229623
Ion Ratio Lower Upper
119 100
134 24.4 13.3 39.9
91 30.4 10.7 32.1

Instrument :
MSVOA_N
ClientSampled :
31454

Manual Integrations
APPROVED

MMDadoda
6/14/2021 4:10:39 PM



#89
n-Butylbenzene
Concen: 6.954 ug/l m
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN067293.D
Acq: 11 Jun 2021 17:07

Tgt Ion: 91 Resp: 194075
Ion Ratio Lower Upper
91 100
92 0.0 26.5 79.5#
134 248.6 14.3 42.9#

