

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068310.D
 Acq On : 25 Aug 2021 19:45
 Operator : JC/MD
 Sample : M3529-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31115

Manual Integrations
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 8/26/2021 9:06:11 AM

Quant Time: Aug 26 05:40:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	719854	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	1057648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1138979	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	629600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	282297	36.728	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	73.460%		
35) Dibromofluoromethane	8.024	113	283556	42.703	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	85.400%		
50) Toluene-d8	10.443	98	1172194	46.329	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.660%		
62) 4-Bromofluorobenzene	12.733	95	471485	55.978	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.960%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.393	59	100702	105.061	ug/l	# 86
16) Acetone	4.291	43	908569	404.870	ug/l	# 86
25) 2-Butanone	7.343	43	149781	42.828	ug/l	# 80
39) Methylcyclohexane	9.464	83	13821	1.415	ug/l	88
40) Benzene	8.461	78	918809	34.818	ug/l	98
51) 4-Methyl-2-Pentanone	10.336	43	96174	13.270	ug/l	88
52) Toluene	10.507	92	1180825	65.639	ug/l	100
59) 2-Hexanone	11.087	43	20759	4.125	ug/l	98
64) Tetrachloroethene	10.982	164	4665	0.530	ug/l	# 86
67) Ethyl Benzene	11.848	91	408642	10.623	ug/l	89
68) m/p-Xylenes	11.950	106	1180543	76.719	ug/l	78
69) o-Xylene	12.283	106	631841	42.496	ug/l	77
70) Styrene	12.296	104	1044565	43.892	ug/l	# 87
73) Isopropylbenzene	12.581	105	53333	1.191	ug/l	99
78) n-propylbenzene	12.924	91	400867	8.346	ug/l	# 66
80) 1,3,5-Trimethylbenzene	13.061	105	332783	9.187	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	1612718	45.606	ug/l	93
85) sec-Butylbenzene	13.503	105	17053m	0.403	ug/l	
86) p-Isopropyltoluene	13.618	119	39084	1.118	ug/l	91
95) Naphthalene	15.491	128	25398545m	962.298	ug/l	

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

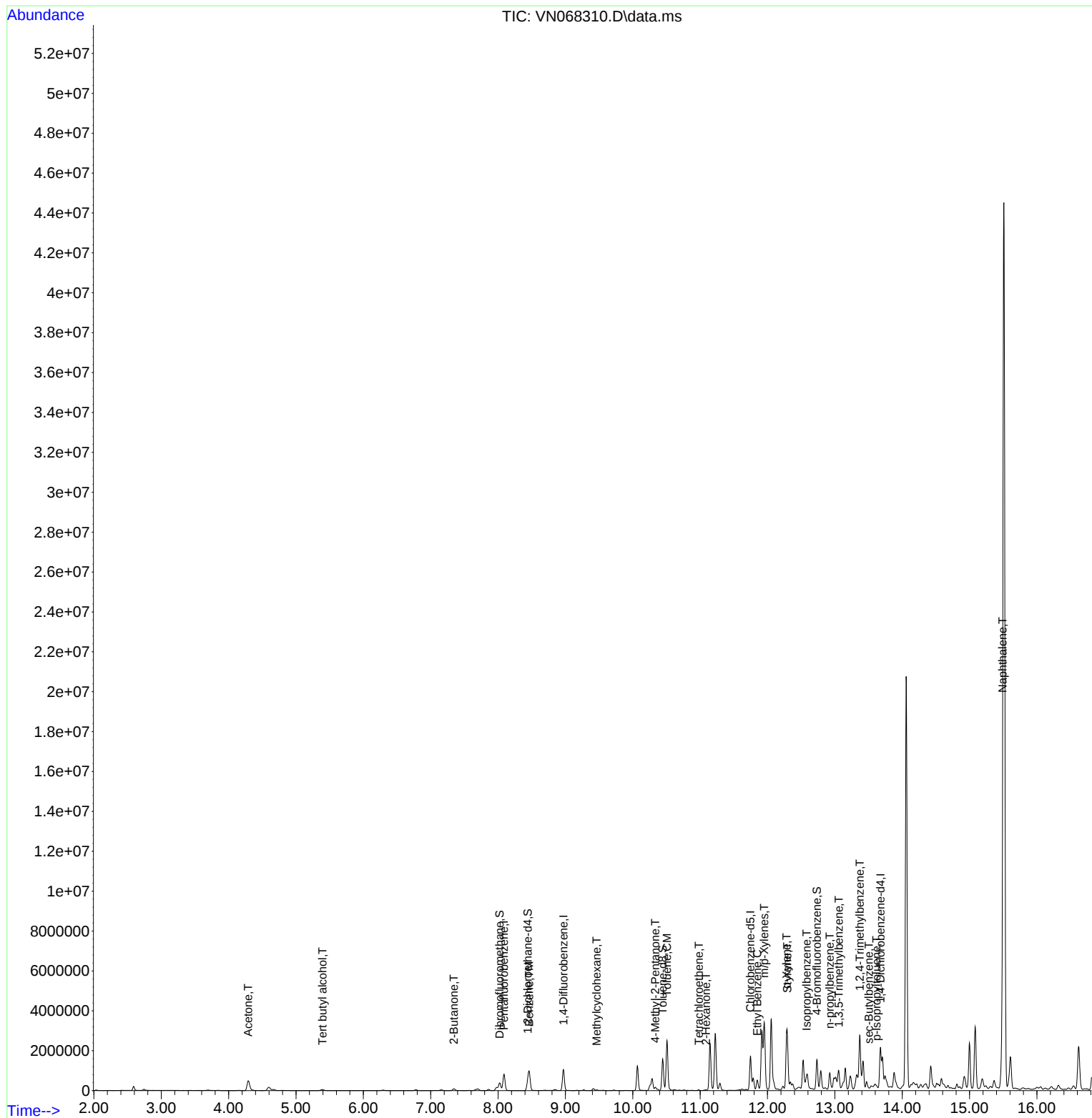
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Data File : VN068310.D
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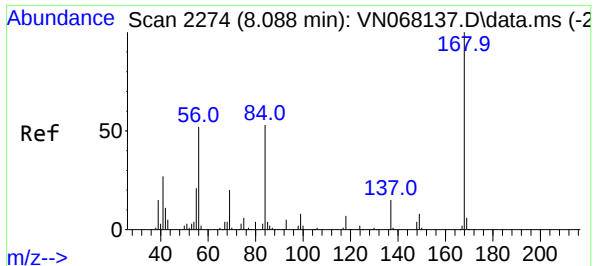
Instrument :
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ClientSampleId :
31115

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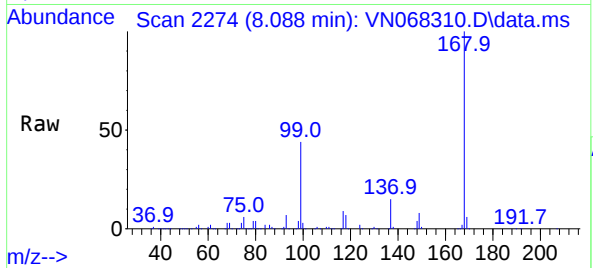
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Response via : Initial Calibration

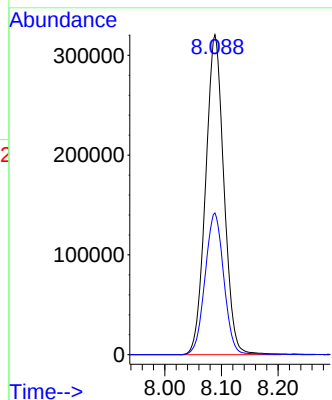




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45



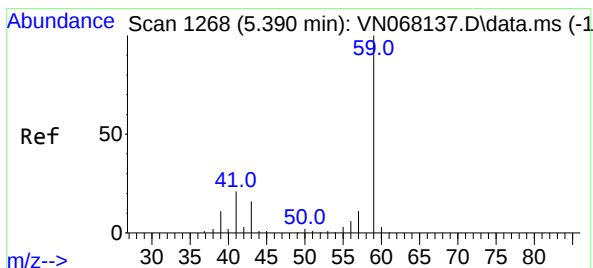
Tgt Ion:168 Resp: 719854
Ion Ratio Lower Upper
168 100
99 44.3 62.9 94.3#



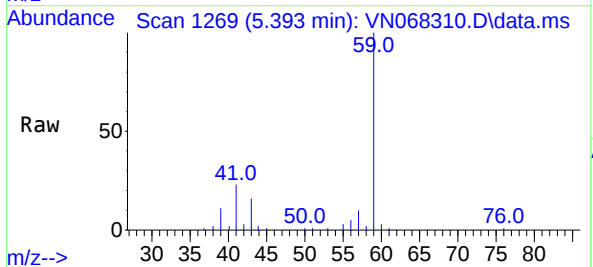
Instrument :
MSVOA_N
ClientSampled :
31115

Manual Integrations
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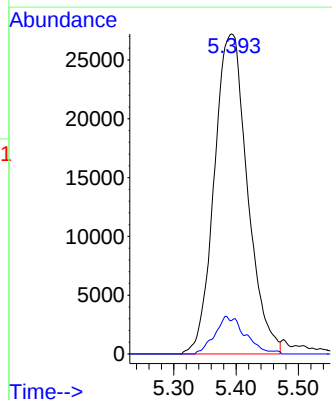
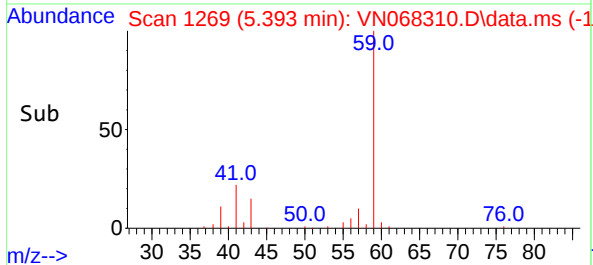
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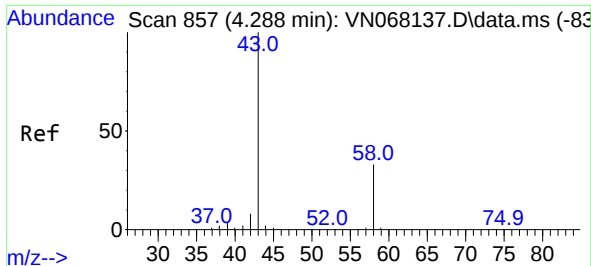


#11
Tert butyl alcohol
Concen: 105.061 ug/l
RT: 5.393 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45



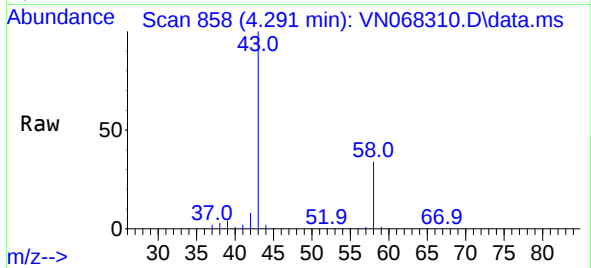
Tgt Ion: 59 Resp: 100702
Ion Ratio Lower Upper
59 100
57 5.4 8.7 13.1#





#16
Acetone
Concen: 404.870 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

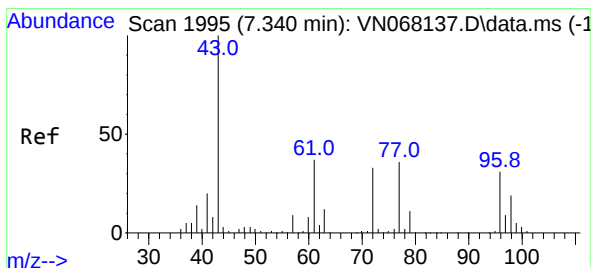
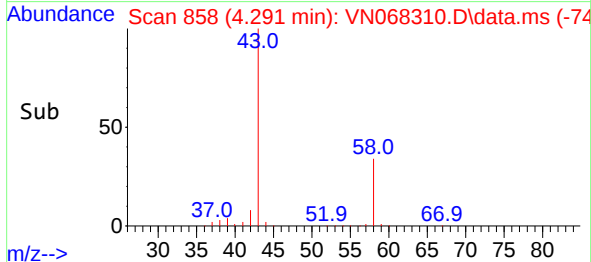
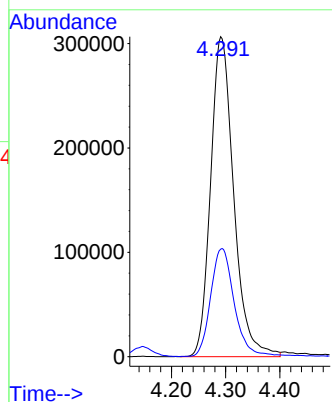
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Tgt Ion: 43 Resp: 908569
Ion Ratio Lower Upper
43 100
58 33.5 21.2 31.8#

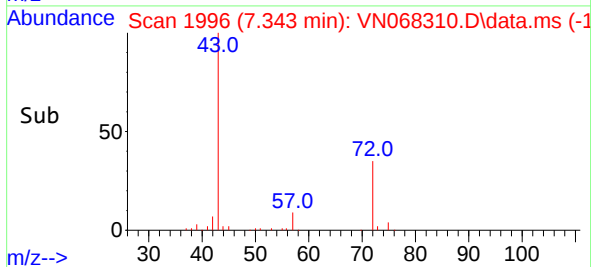
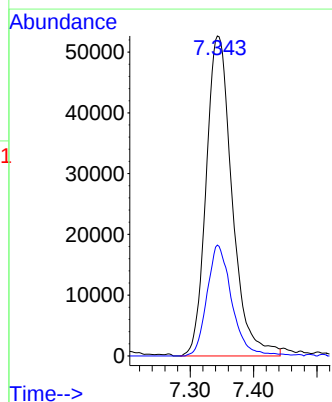
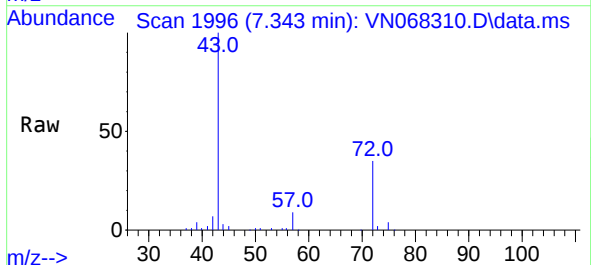
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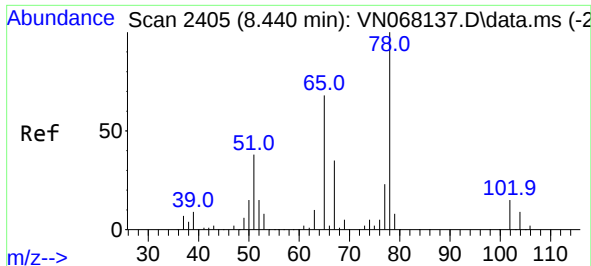
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#25
2-Butanone
Concen: 42.828 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

Tgt Ion: 43 Resp: 149781
Ion Ratio Lower Upper
43 100
72 34.6 19.7 29.5#





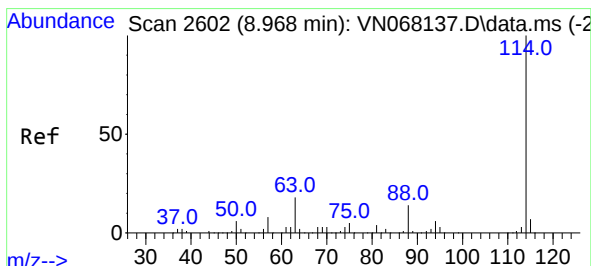
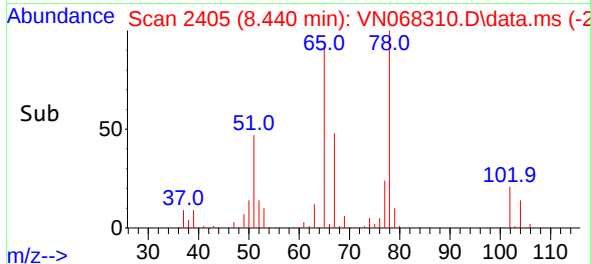
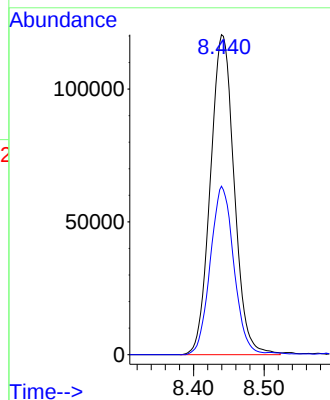
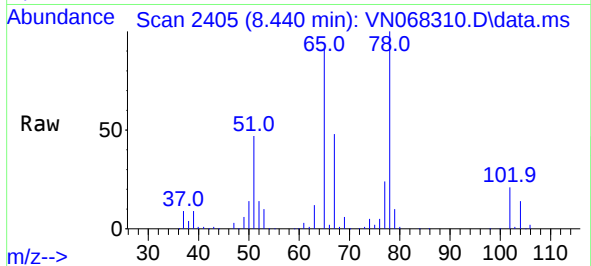
#33
1,2-Dichloroethane-d4
Concen: 36.728 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

Tgt Ion: 65 Resp: 282297
Ion Ratio Lower Upper
65 100
67 52.0 0.0 98.6

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MSVOA_N
ClientSampled :
31115

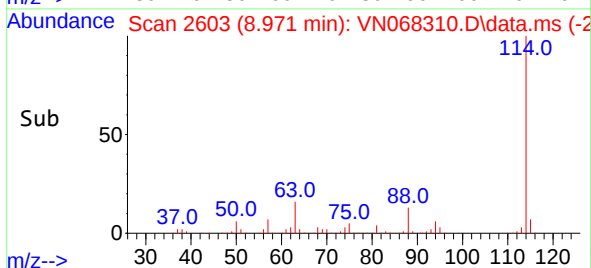
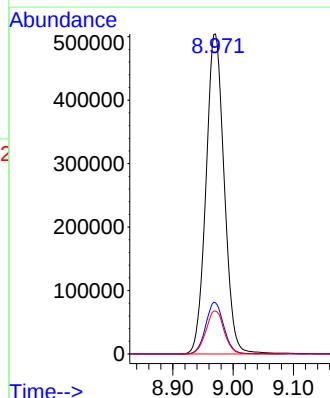
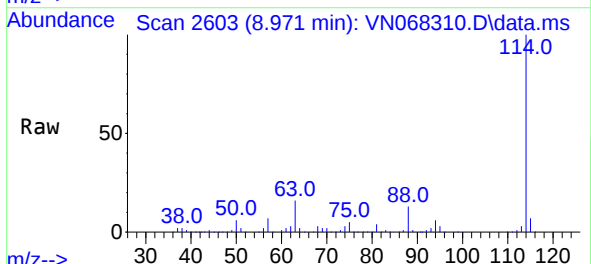
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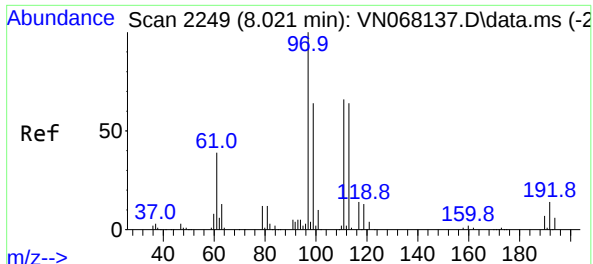
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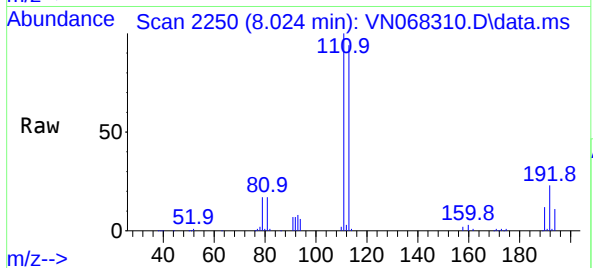
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

Tgt Ion: 114 Resp: 1057648
Ion Ratio Lower Upper
114 100
63 16.0 0.0 49.0
88 13.4 0.0 36.6

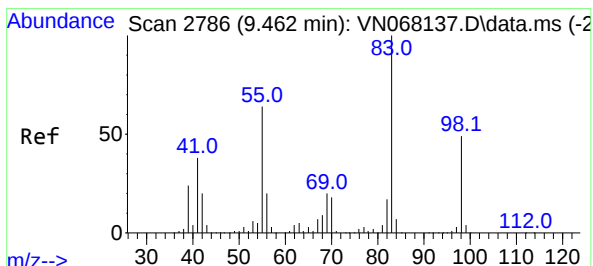
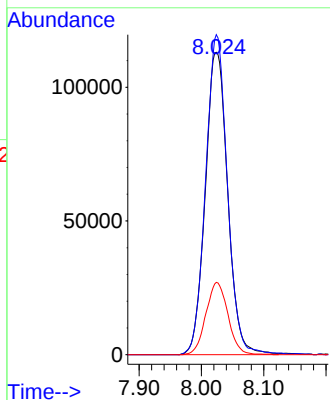
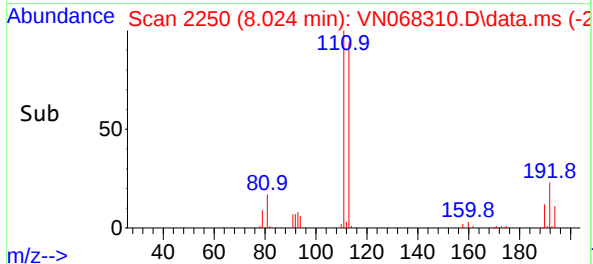




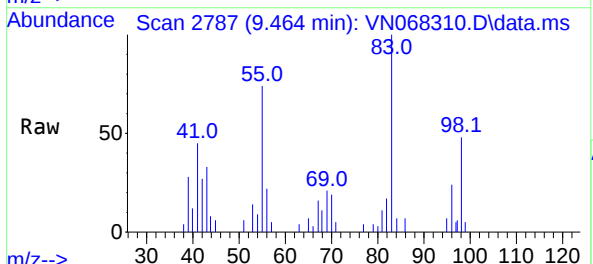
#35
Dibromofluoromethane
Concen: 42.703 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45



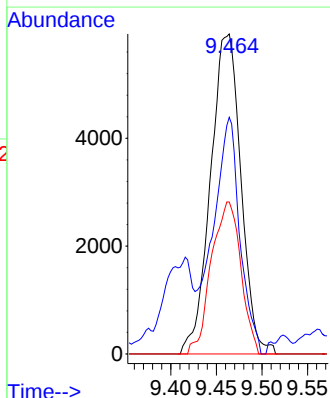
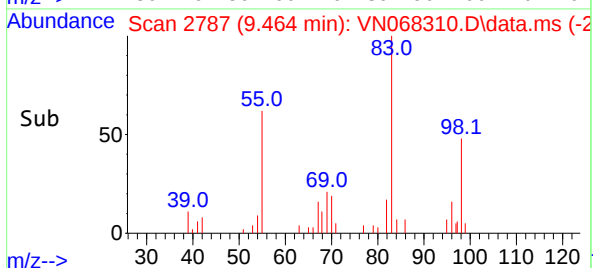
Tgt Ion:113 Resp: 283556
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.8
192 23.4 13.4 20.0#



#39
Methylcyclohexane
Concen: 1.415 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.002 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45



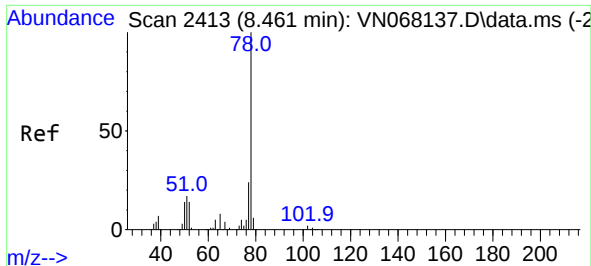
Tgt Ion: 83 Resp: 13821
Ion Ratio Lower Upper
83 100
55 69.5 66.6 99.8
98 47.5 35.3 52.9



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8/26/2021 9:06:11 AM



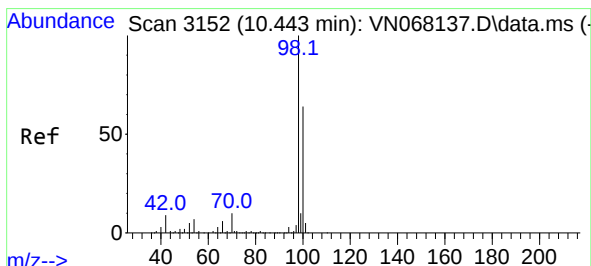
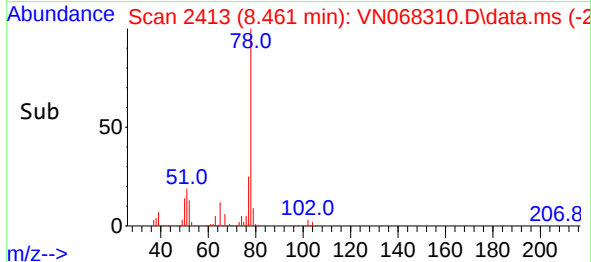
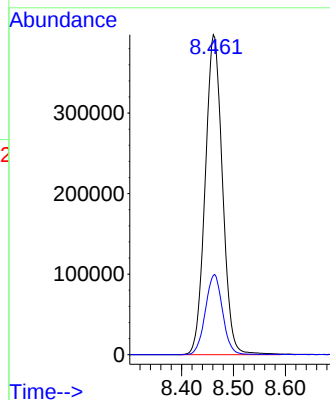
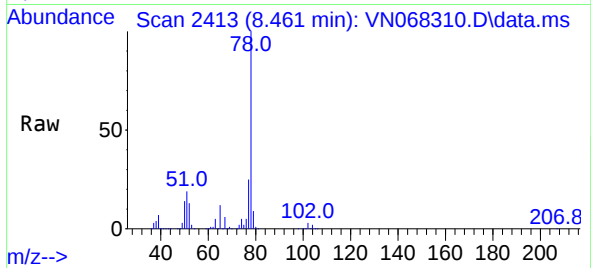
#40
Benzene
Concen: 34.818 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

Tgt Ion: 78 Resp: 918809
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3

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MSVOA_N
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31115

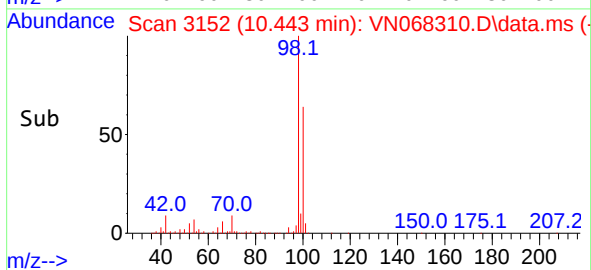
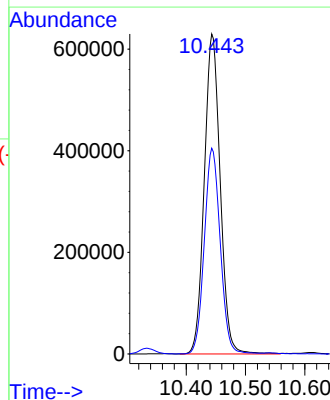
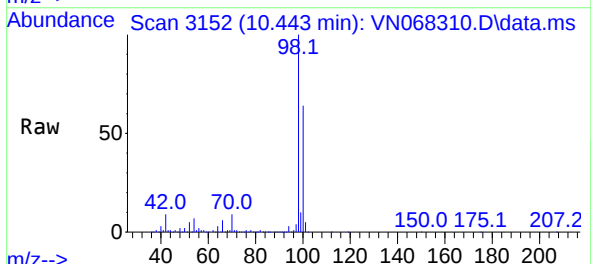
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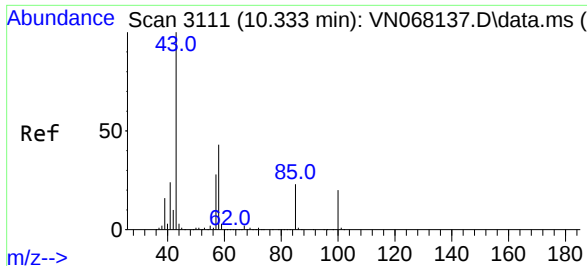
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#50
Toluene-d8
Concen: 46.329 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

Tgt Ion: 98 Resp: 1172194
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5





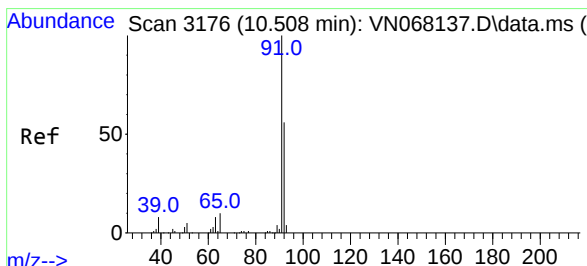
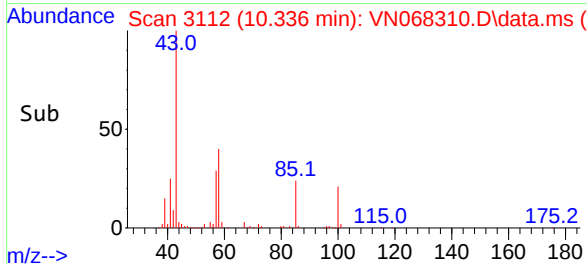
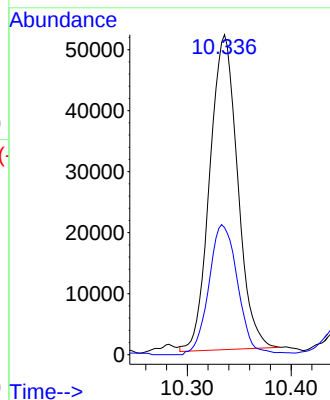
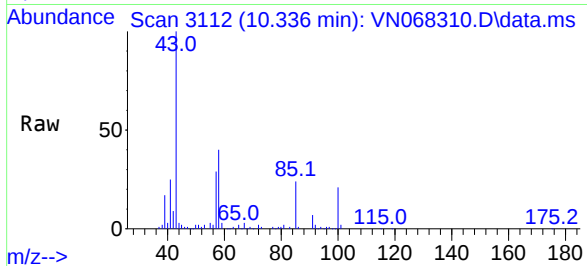
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4-Methyl-2-Pentanone
Concen: 13.270 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN068310.D
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Tgt Ion: 43 Resp: 96174
Ion Ratio Lower Upper
43 100
58 42.6 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
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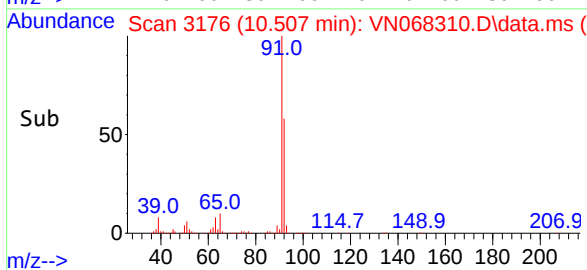
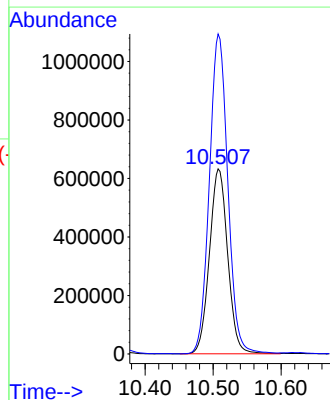
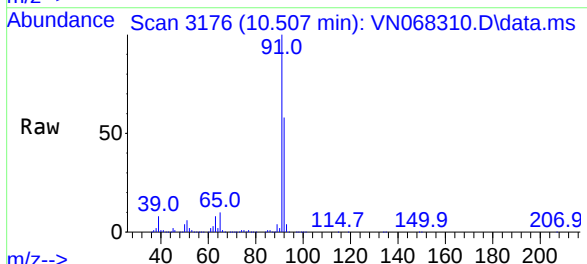
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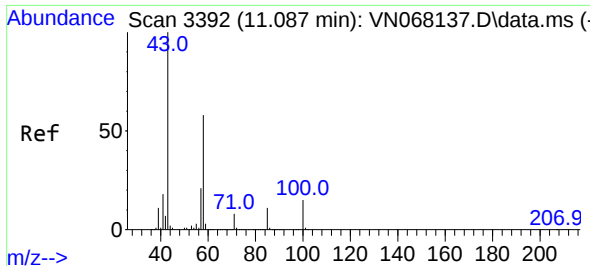
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#52
Toluene
Concen: 65.639 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

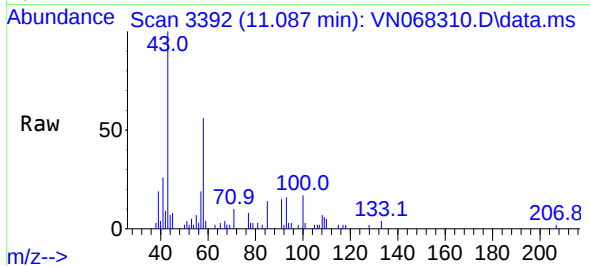
Tgt Ion: 92 Resp: 1180825
Ion Ratio Lower Upper
92 100
91 174.2 139.6 209.4





#59
2-Hexanone
Concen: 4.125 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

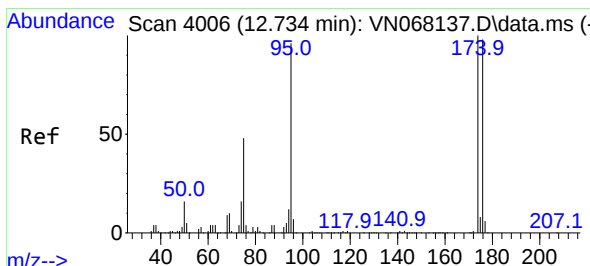
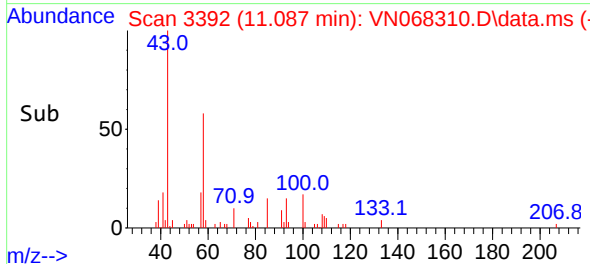
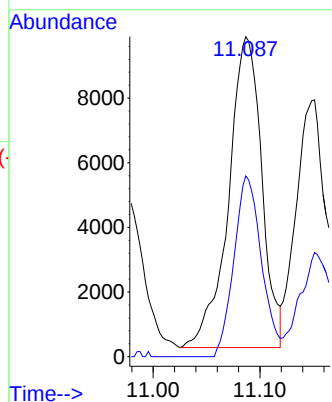
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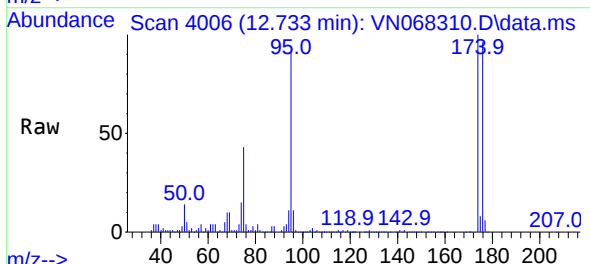
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Ion Ratio Lower Upper
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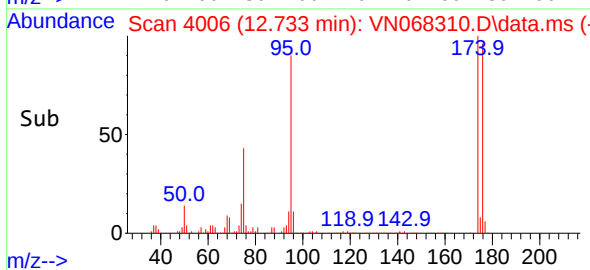
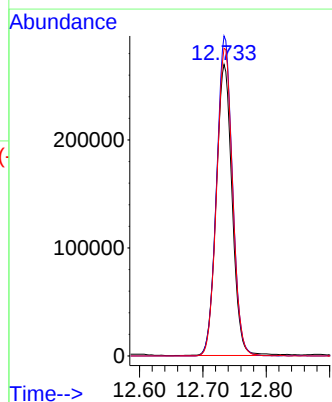
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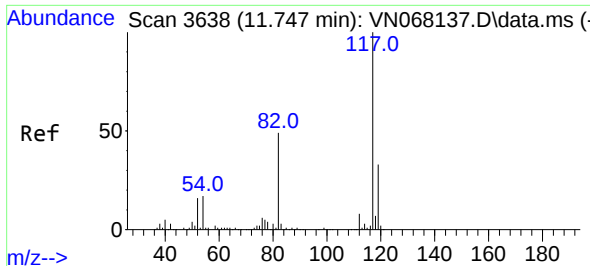


#62
4-Bromofluorobenzene
Concen: 55.978 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45



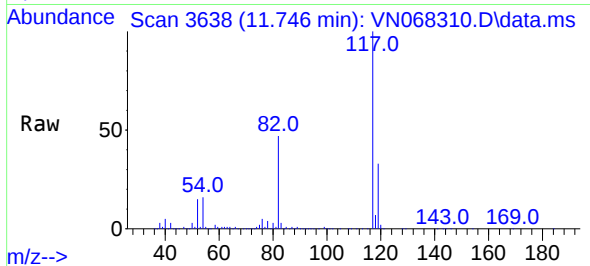
Tgt Ion: 95 Resp: 471485
Ion Ratio Lower Upper
95 100
174 108.8 0.0 122.0
176 105.7 0.0 117.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

Instrument :
MSVOA_N
ClientSampled :
31115

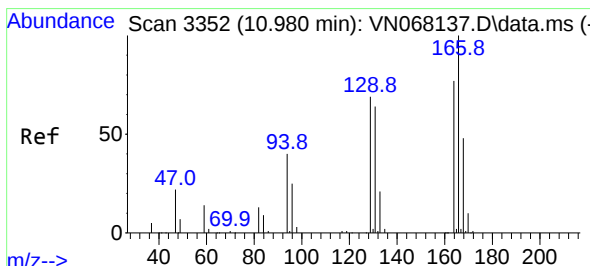
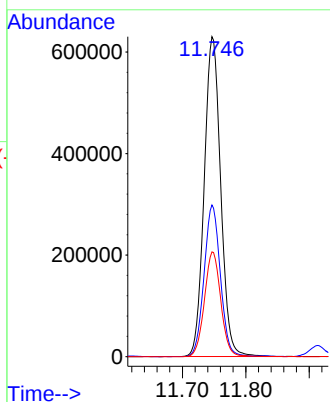
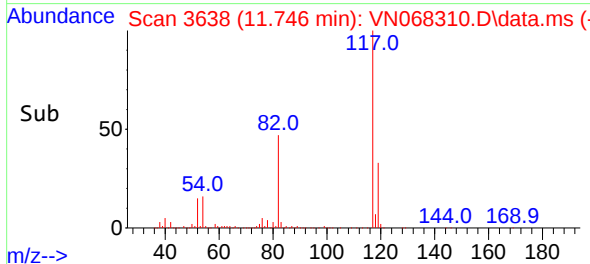


Tgt Ion:117 Resp: 1138979

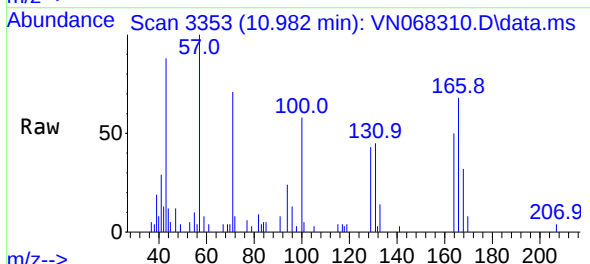
Ion	Ratio	Lower	Upper
117	100		
82	47.4	53.1	79.7#
119	32.8	25.5	38.3

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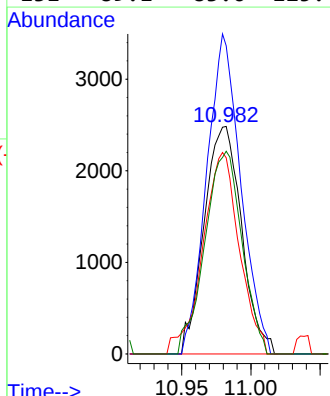
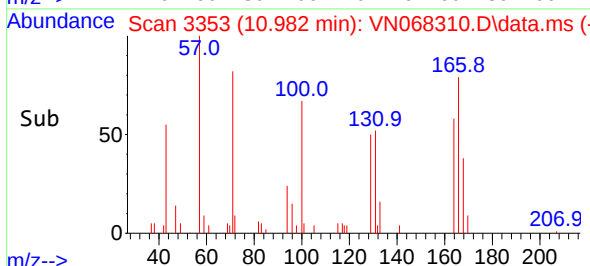


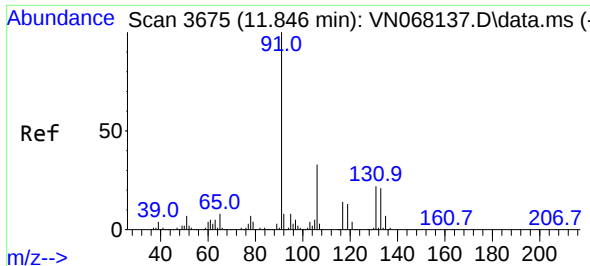
#64
Tetrachloroethene
Concen: 0.530 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.002 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45



Tgt Ion:164 Resp: 4665

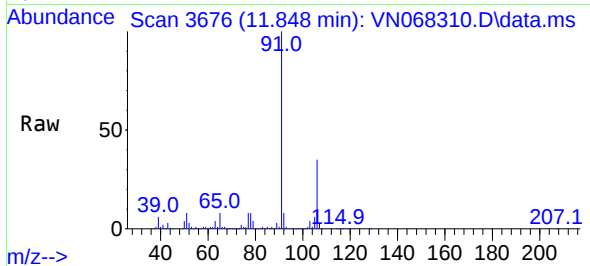
Ion	Ratio	Lower	Upper
164	100		
166	135.5	102.1	153.1
129	86.2	86.9	130.3#
131	89.1	83.6	125.4





#67
Ethyl Benzene
Concen: 10.623 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

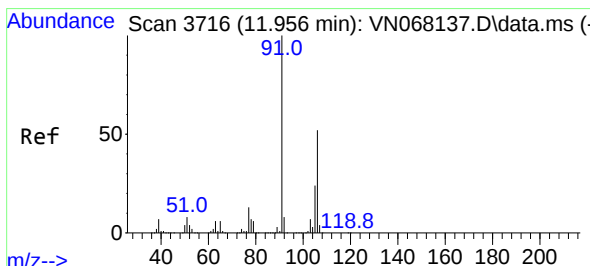
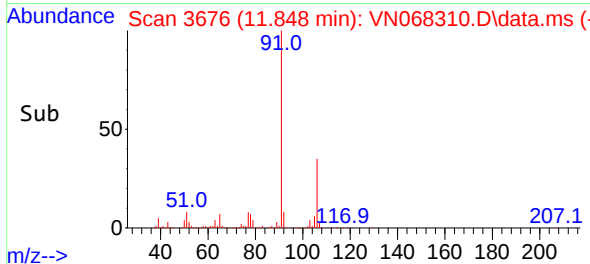
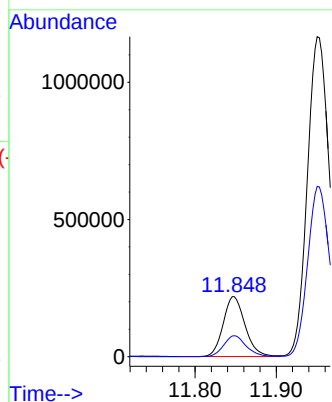
Instrument :
MSVOA_N
ClientSampleId :
31115



Tgt Ion: 91 Resp: 408642
Ion Ratio Lower Upper
91 100
106 35.0 23.4 35.0

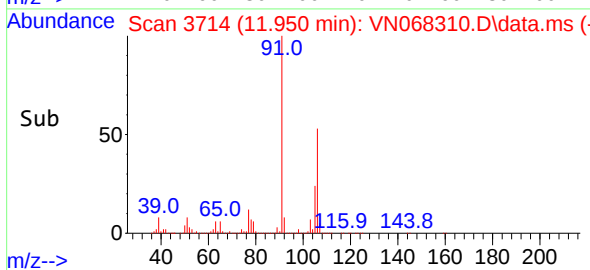
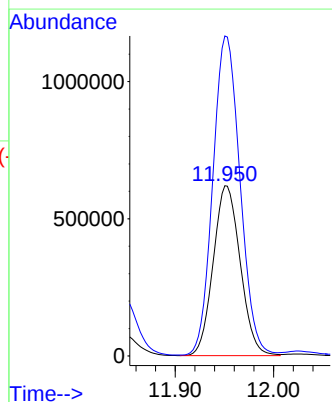
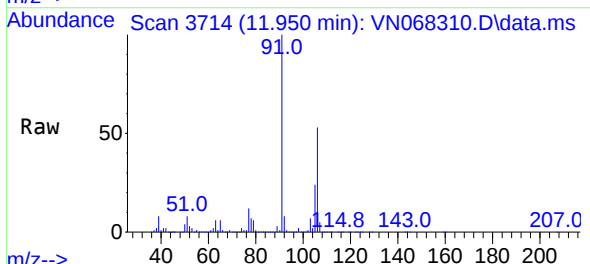
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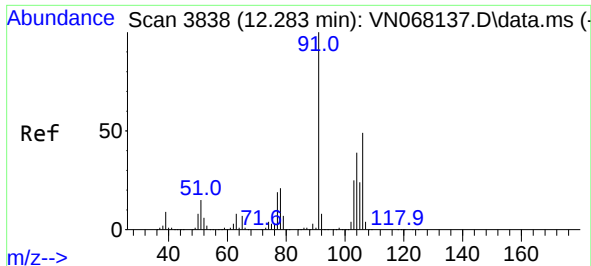
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#68
m/p-Xylenes
Concen: 76.719 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

Tgt Ion: 106 Resp: 1180543
Ion Ratio Lower Upper
106 100
91 190.2 180.6 270.8





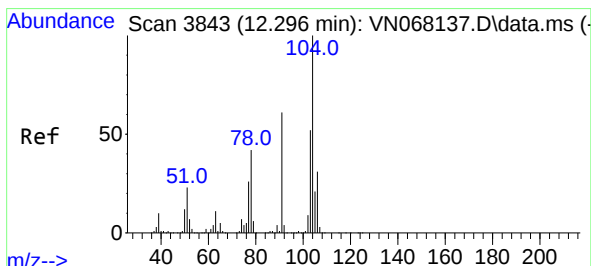
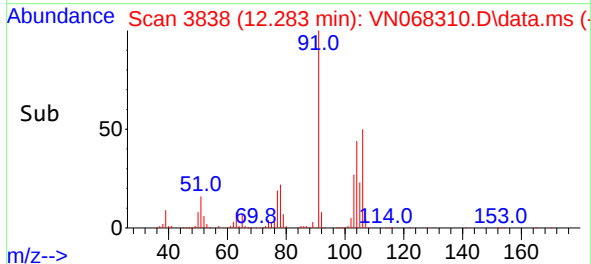
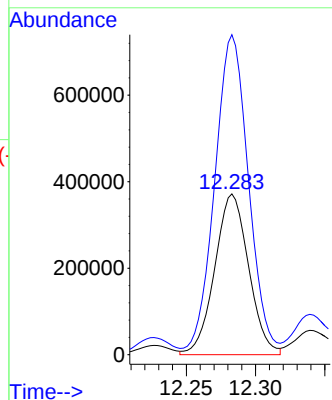
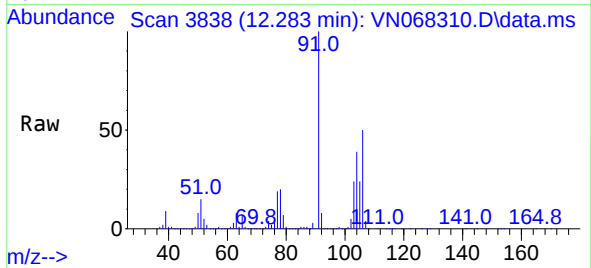
#69
o-Xylene
Concen: 42.496 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

Tgt Ion:106 Resp: 631841
Ion Ratio Lower Upper
106 100
91 198.7 118.3 354.9

Instrument :
MSVOA_N
ClientSampled :
31115

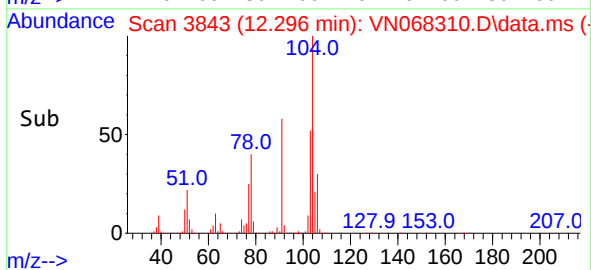
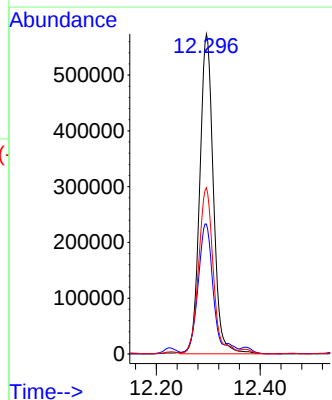
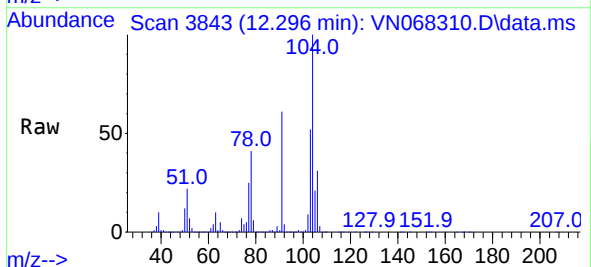
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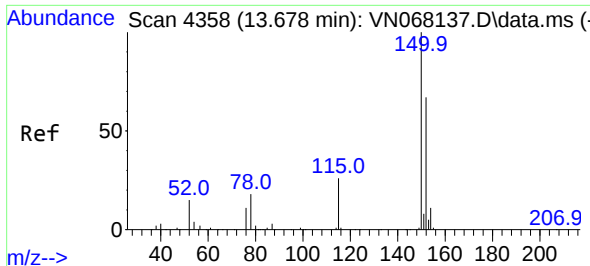
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#70
Styrene
Concen: 43.892 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

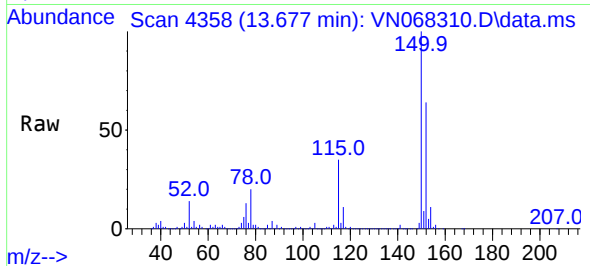
Tgt Ion:104 Resp: 1044565
Ion Ratio Lower Upper
104 100
78 42.0 48.2 72.2#
103 54.7 44.5 66.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

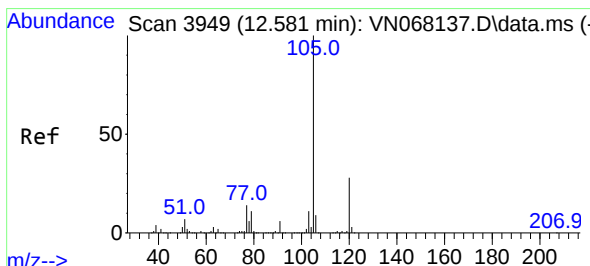
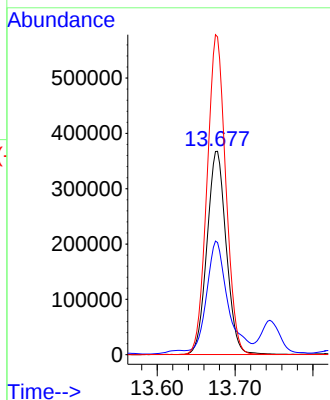
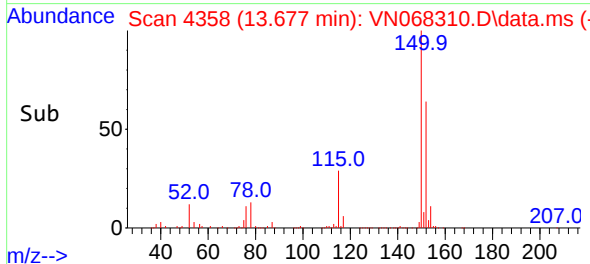
Instrument :
MSVOA_N
ClientSampled :
31115



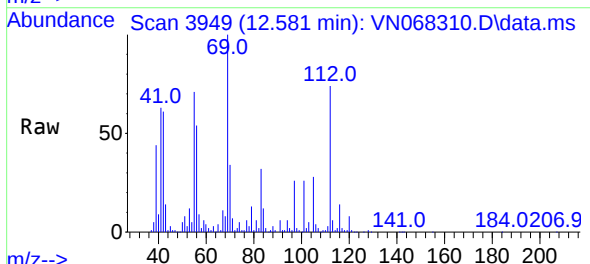
Tgt Ion:152 Resp: 629600
Ion Ratio Lower Upper
152 100
115 62.0 36.1 108.5
150 153.6 0.0 351.8

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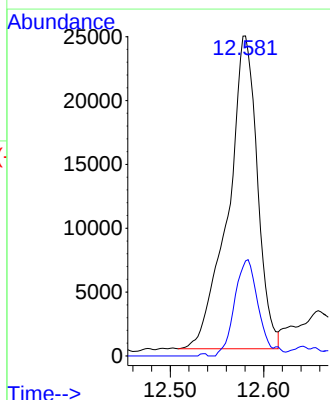
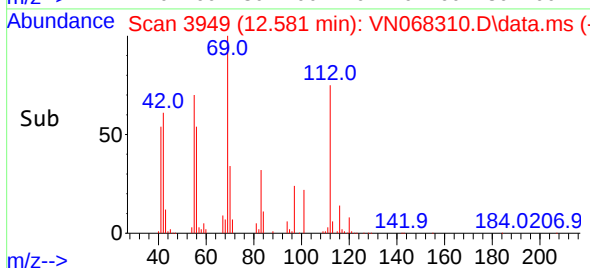
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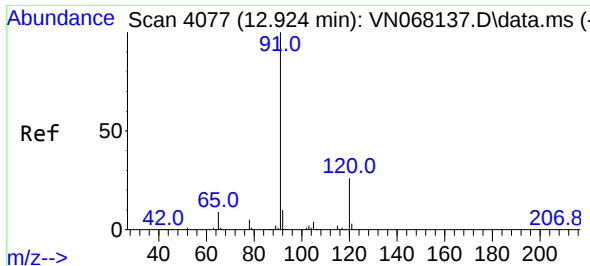


#73
Isopropylbenzene
Concen: 1.191 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45



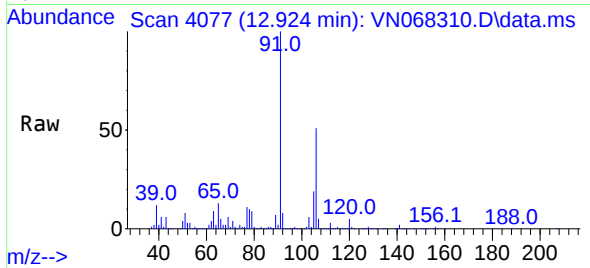
Tgt Ion:105 Resp: 53333
Ion Ratio Lower Upper
105 100
120 24.4 12.5 37.5





#78
n-propylbenzene
Concen: 8.346 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

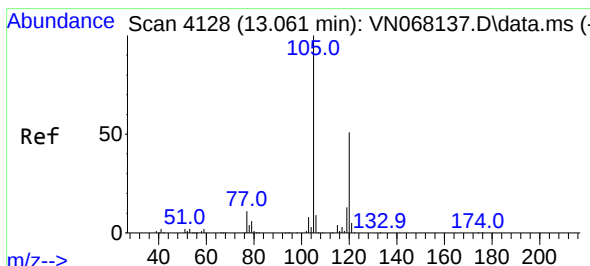
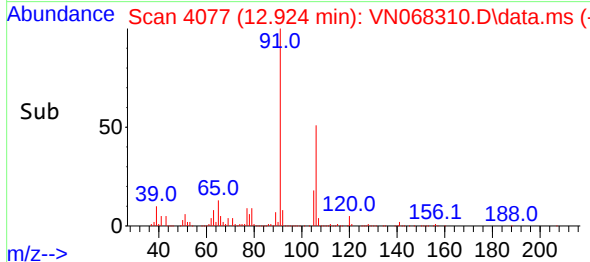
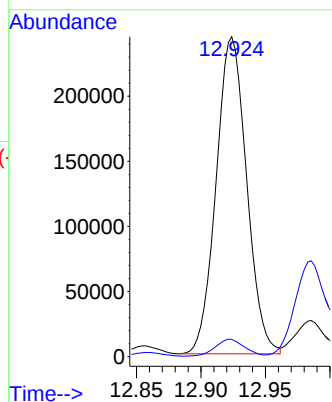
Instrument :
MSVOA_N
ClientSampled :
31115



Tgt Ion: 91 Resp: 400867
Ion Ratio Lower Upper
91 100
120 5.1 10.4 31.4#

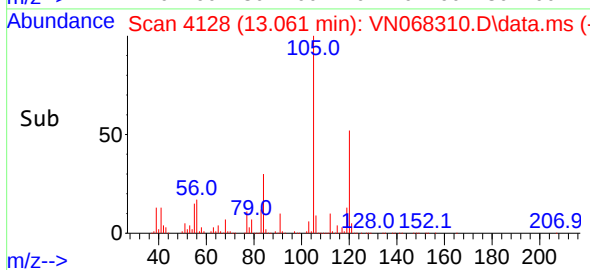
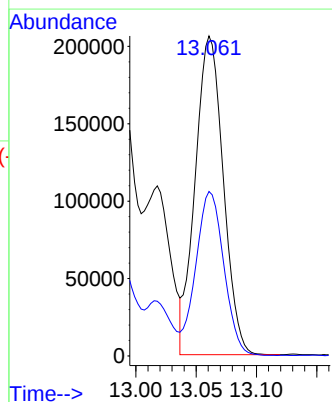
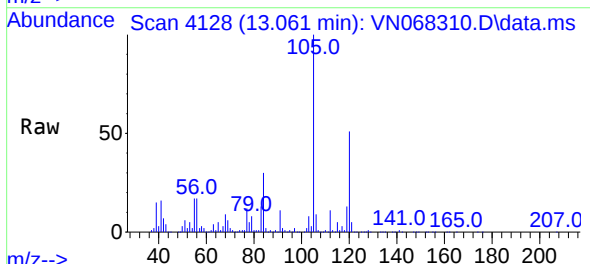
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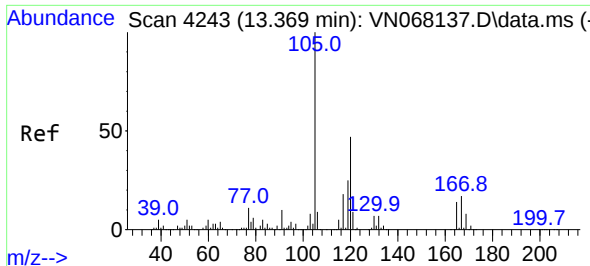
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#80
1,3,5-Trimethylbenzene
Concen: 9.187 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

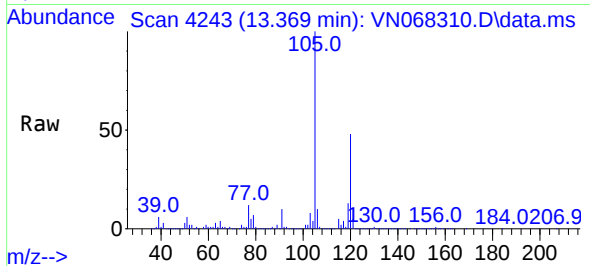
Tgt Ion: 105 Resp: 332783
Ion Ratio Lower Upper
105 100
120 51.3 22.2 66.6





#84
1,2,4-Trimethylbenzene
Concen: 45.606 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

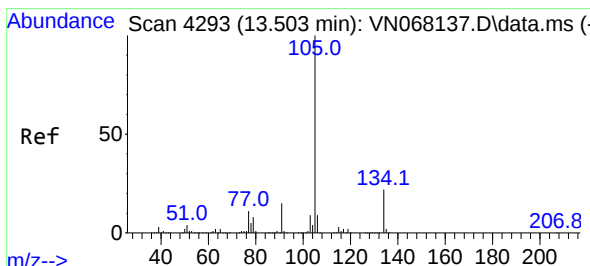
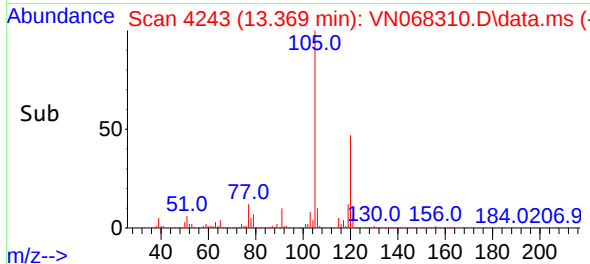
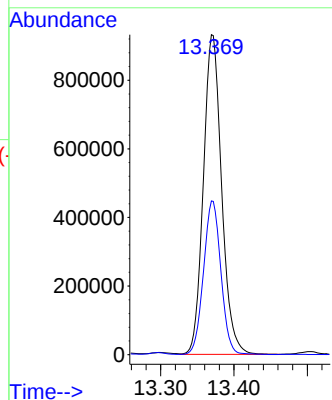
Instrument :
MSVOA_N
ClientSampleId :
31115



Tgt Ion:105 Resp: 1612718
Ion Ratio Lower Upper
105 100
120 45.7 20.6 61.8

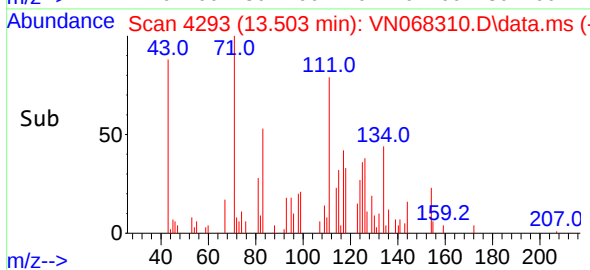
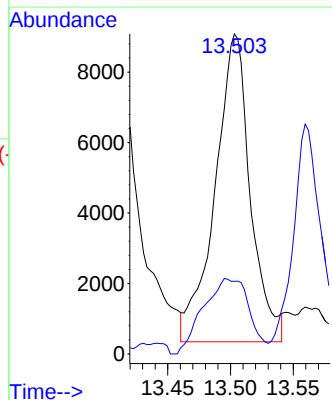
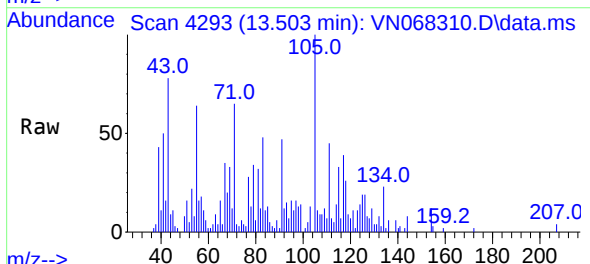
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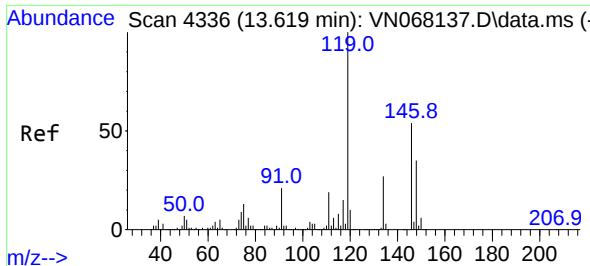
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#85
sec-Butylbenzene
Concen: 0.403 ug/l m
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

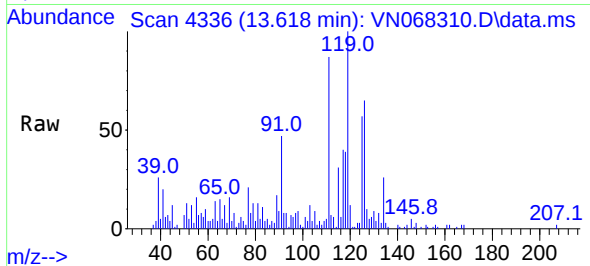
Tgt Ion:105 Resp: 17053
Ion Ratio Lower Upper
105 100
134 0.0 9.0 27.1#





#86
p-Isopropyltoluene
Concen: 1.118 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45

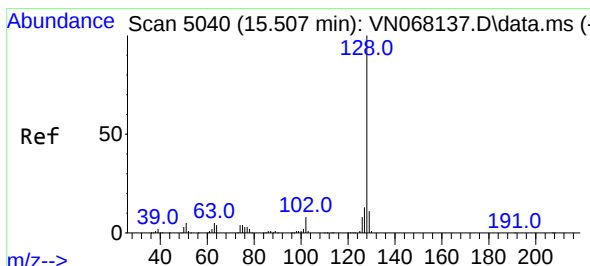
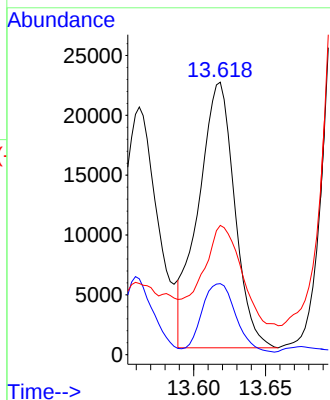
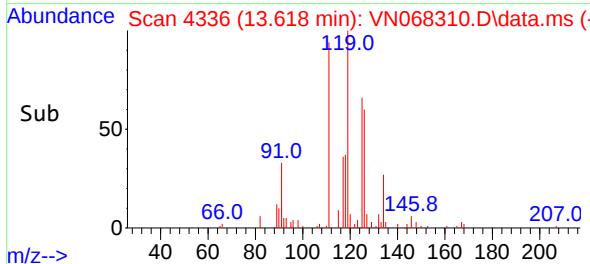
Instrument :
MSVOA_N
ClientSampled :
31115



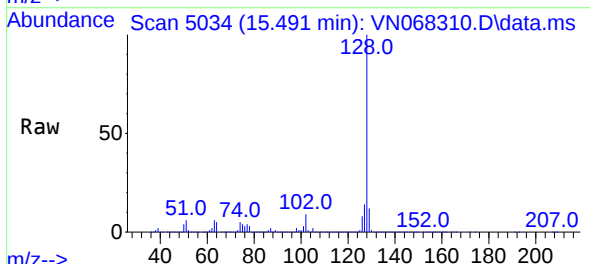
Tgt Ion:119 Resp: 39084
Ion Ratio Lower Upper
119 100
134 24.9 12.4 37.4
91 38.5 14.8 44.3

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#95
Naphthalene
Concen: 962.298 ug/l m
RT: 15.491 min Scan# 5034
Delta R.T. -0.016 min
Lab File: VN068310.D
Acq: 25 Aug 2021 19:45



Tgt Ion:128 Resp:25398545
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

