

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066235.D
 Acq On : 17 Mar 2021 15:40
 Operator : JC/MD
 Sample : M1687-43
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1055

Manual Integrations
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 3/18/2021 2:19:30 PM

Quant Time: Mar 18 04:44:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	344324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	517803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	445198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	196248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	217700	43.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.76%		
35) Dibromofluoromethane	7.509	113	178109	53.92	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.84%		
50) Toluene-d8	10.028	98	682136	53.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.82%		
62) 4-Bromofluorobenzene	12.345	95	208303	45.24	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.48%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.717	59	12528m	14.79	ug/l	
16) Acetone	3.741	43	436376	183.11	ug/l	100
18) Methyl Acetate	4.240	43	46671	7.00	ug/l #	86
19) Methyl tert-butyl Ether	4.951	73	39883	3.23	ug/l	99
22) Diisopropyl ether	5.865	45	73363	4.66	ug/l #	93
25) 2-Butanone	6.753	43	58544	15.82	ug/l	98
37) Ethyl Acetate	6.850	43	38768	5.17	ug/l #	93
40) Benzene	7.965	78	86418	5.49	ug/l	100
52) Toluene	10.092	92	286359	31.39	ug/l	98
67) Ethyl Benzene	11.454	91	46248	2.92	ug/l	93
68) m/p-Xylenes	11.562	106	88002	14.97	ug/l	88
69) o-Xylene	11.889	106	60767	10.76	ug/l	90
80) 1,3,5-Trimethylbenzene	12.677	105	39903	3.50	ug/l	92
84) 1,2,4-Trimethylbenzene	12.983	105	192477	17.26	ug/l	95
89) n-Butylbenzene	13.560	91	15451	3.55	ug/l #	80
95) Naphthalene	15.070	128	176265	15.32	ug/l	98

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

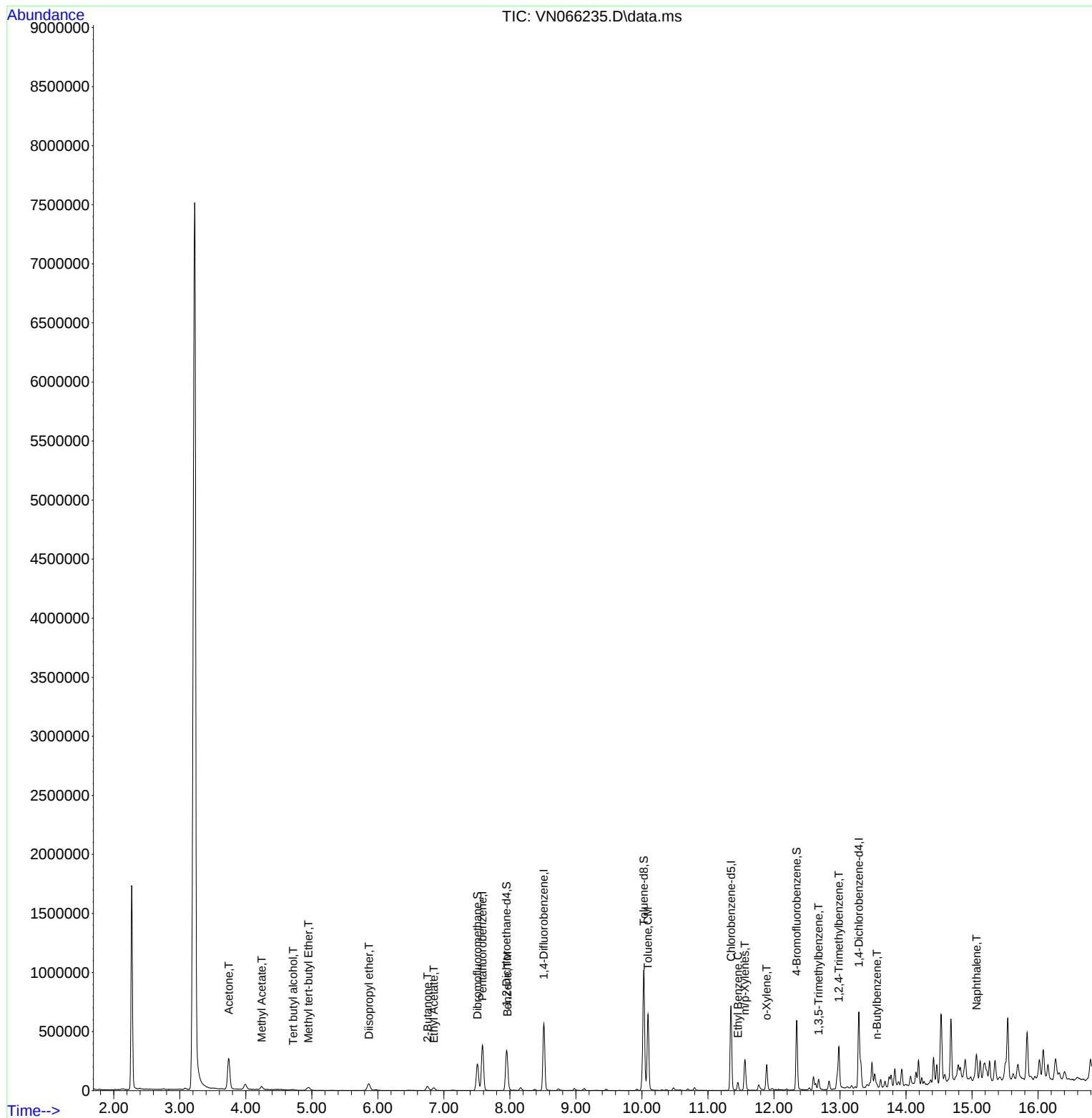
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
Data File : VN066235.D
Acq On : 17 Mar 2021 15:40
Operator : JC/MD
Sample : M1687-43
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

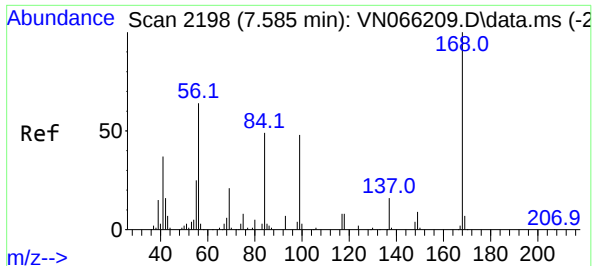
Instrument :
MSVOA_N
ClientSampleId :
AUD-1055

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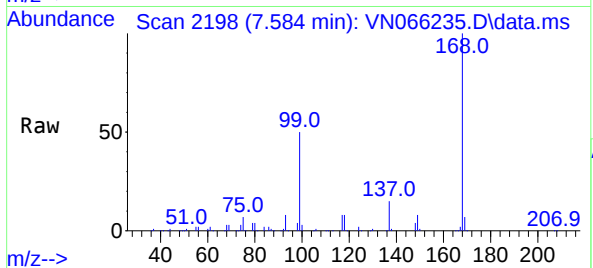
Quant Time: Mar 18 04:44:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 05:05:15 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

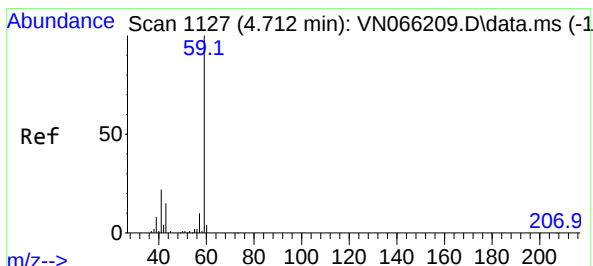
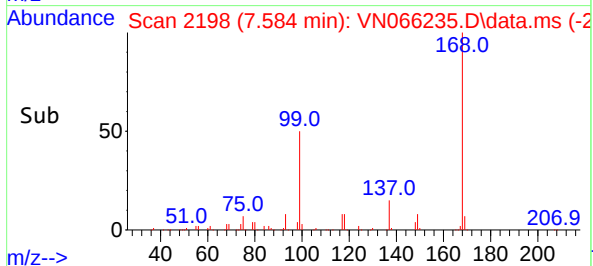
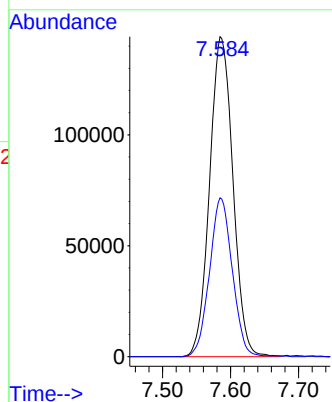
Instrument :
MSVOA_N
ClientSampled :
AUD-1055



Tgt Ion:168 Resp: 344324
Ion Ratio Lower Upper
168 100
99 49.6 45.4 68.0

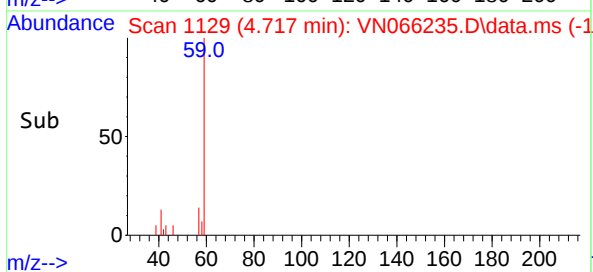
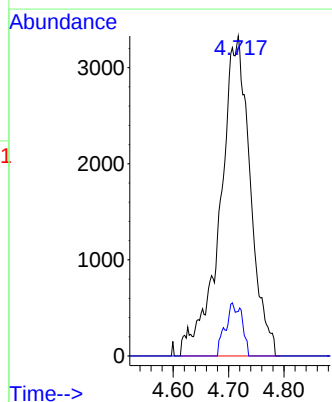
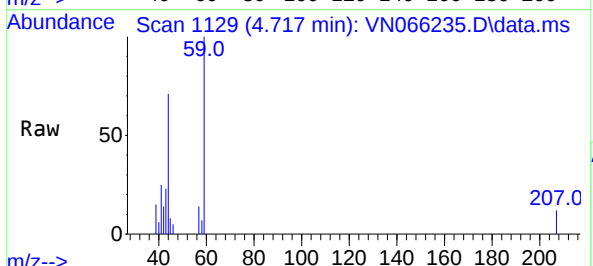
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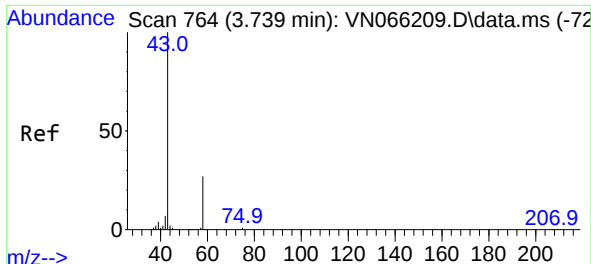
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#11
Tert butyl alcohol
Concen: 14.79 ug/l m
RT: 4.717 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

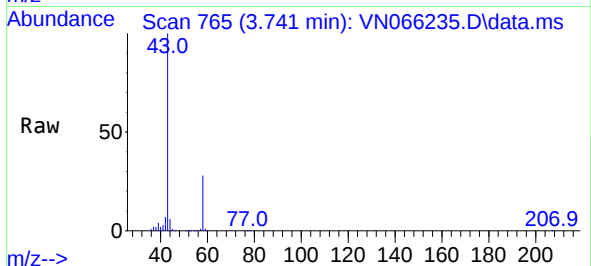
Tgt Ion: 59 Resp: 12528
Ion Ratio Lower Upper
59 100
57 6.1 8.0 12.0#





#16
Acetone
Concen: 183.11 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

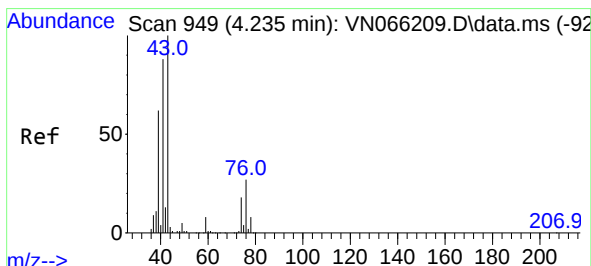
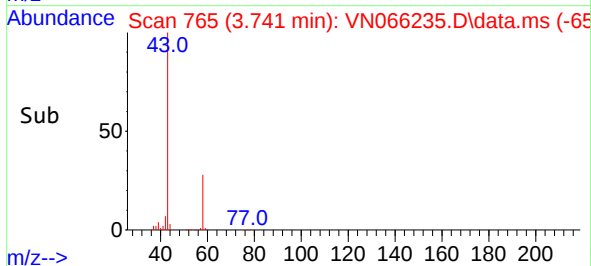
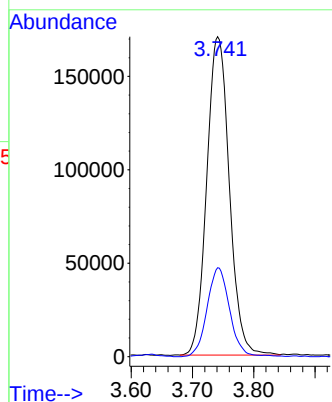
Instrument :
MSVOA_N
ClientSampled :
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Tgt Ion: 43 Resp: 436376
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5

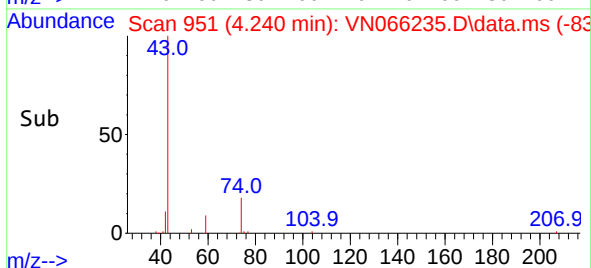
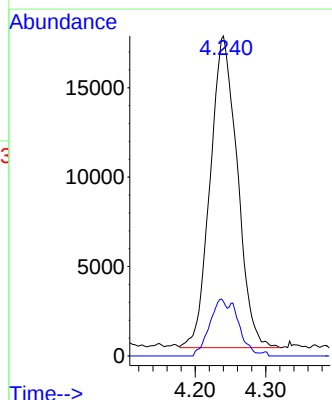
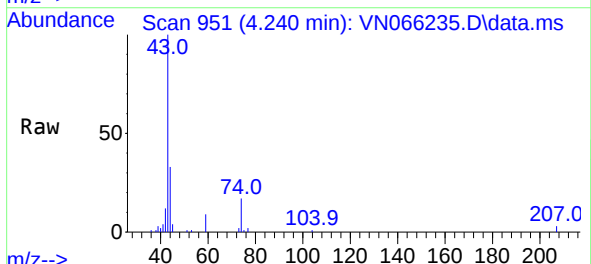
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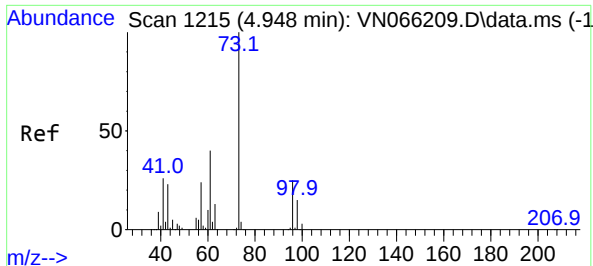
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#18
Methyl Acetate
Concen: 7.00 ug/l
RT: 4.240 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

Tgt Ion: 43 Resp: 46671
Ion Ratio Lower Upper
43 100
74 11.4 14.2 21.2#





#19

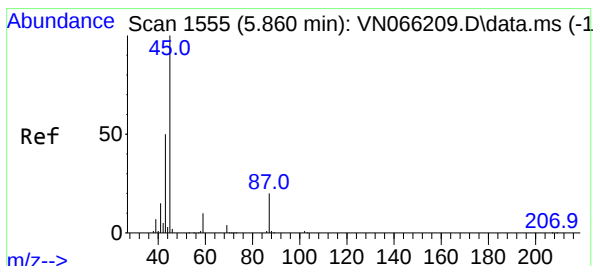
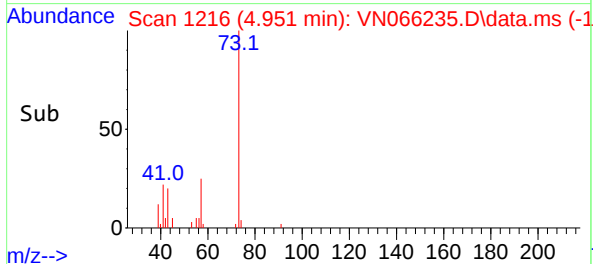
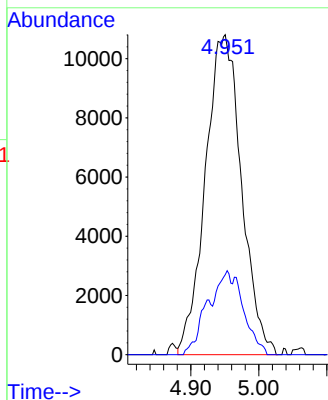
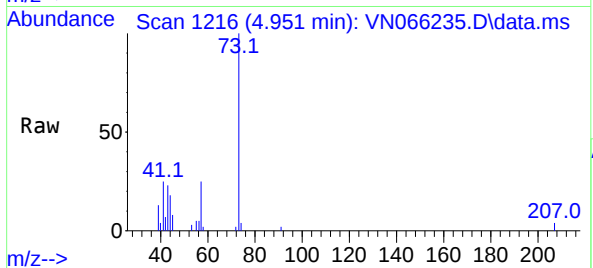
Methyl tert-butyl Ether
Concen: 3.23 ug/l
RT: 4.951 min Scan# 1216
Delta R.T. 0.003 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

Tgt Ion: 73 Resp: 39883
Ion Ratio Lower Upper
73 100
57 25.0 20.3 30.5

Instrument :
MSVOA_N
ClientSampled :
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Manual Integrations
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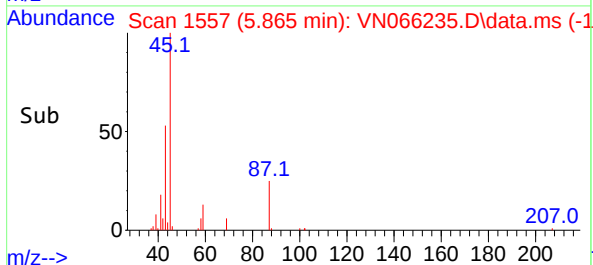
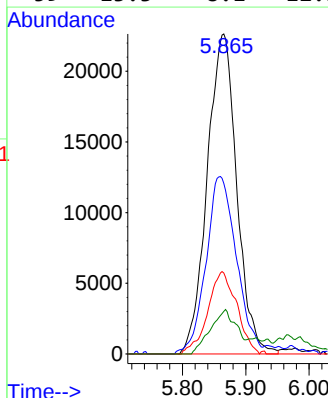
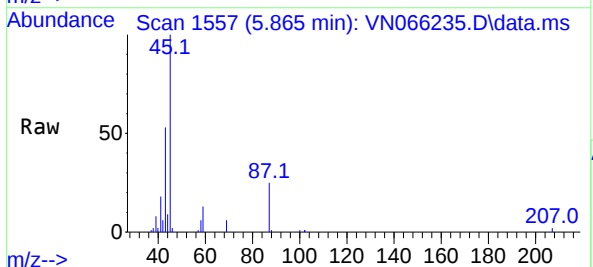
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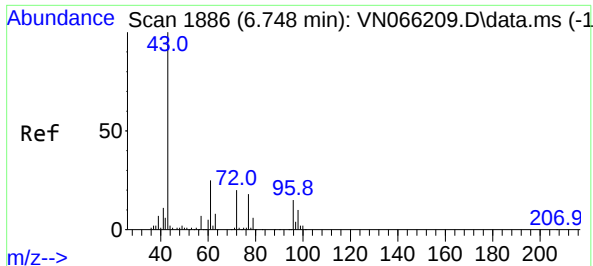


#22

Diisopropyl ether
Concen: 4.66 ug/l
RT: 5.865 min Scan# 1557
Delta R.T. 0.005 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

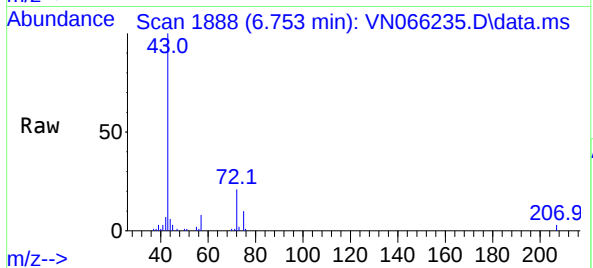
Tgt Ion: 45 Resp: 73363
Ion Ratio Lower Upper
45 100
43 52.3 45.0 67.4
87 25.3 16.4 24.6#
59 13.3 8.1 12.1#





#25
2-Butanone
Concen: 15.82 ug/l
RT: 6.753 min Scan# 1888
Delta R.T. 0.005 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

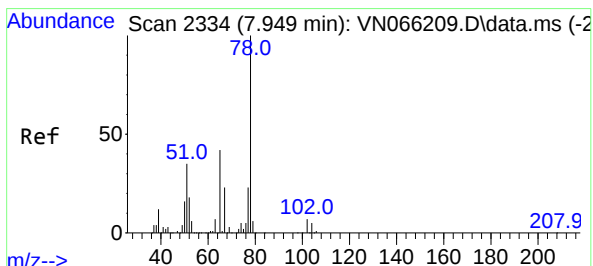
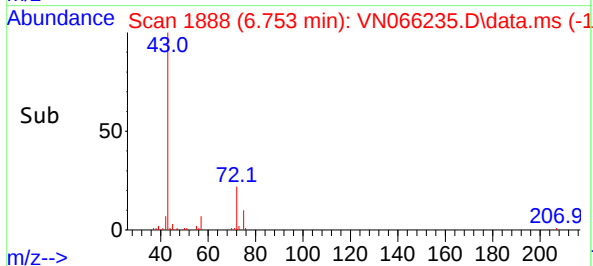
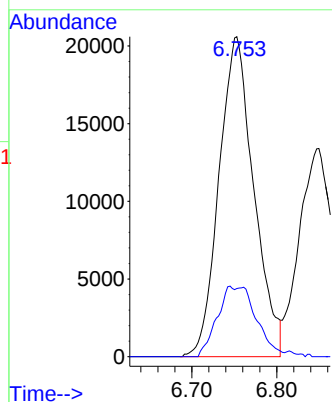
Instrument :
MSVOA_N
ClientSampled :
AUD-1055



Tgt Ion: 43 Resp: 58544
Ion Ratio Lower Upper
43 100
72 21.3 16.2 24.2

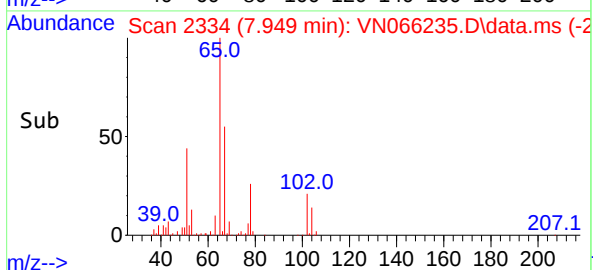
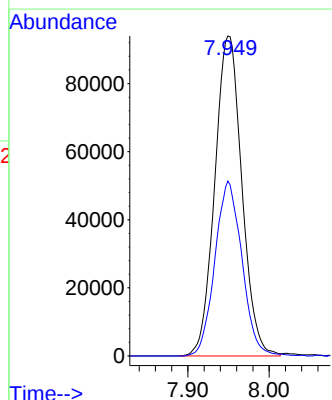
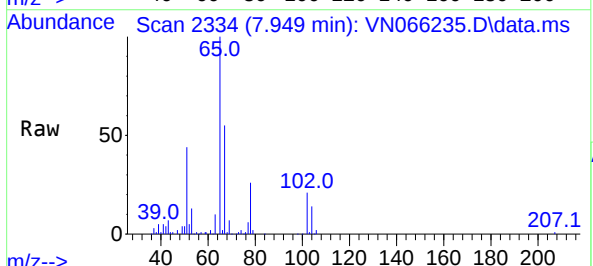
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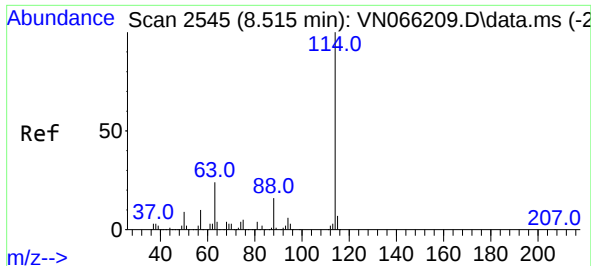
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#33
1,2-Dichloroethane-d4
Concen: 43.88 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

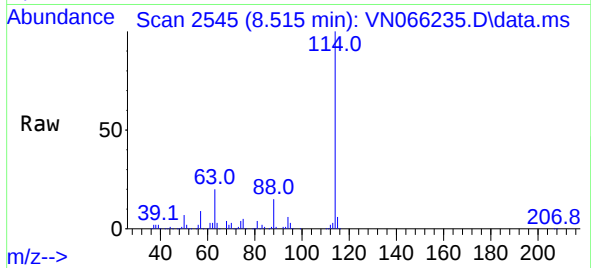
Tgt Ion: 65 Resp: 217700
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.2





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

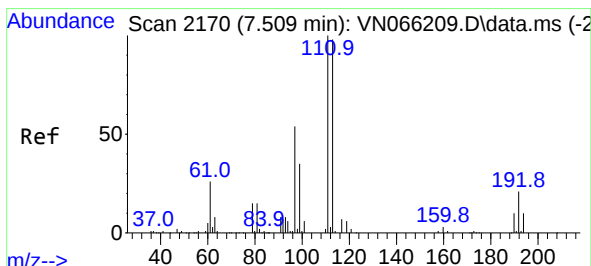
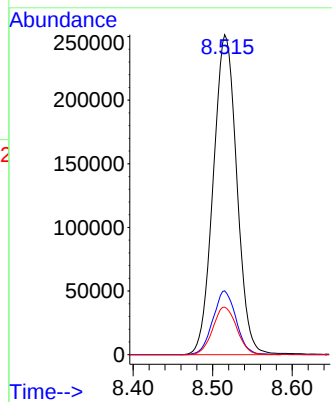
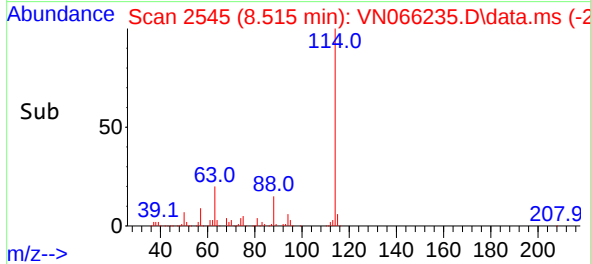
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ClientSampled :
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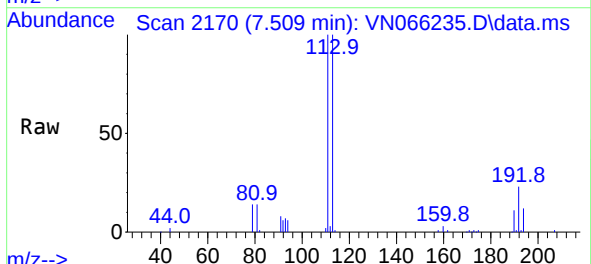
Tgt Ion:114 Resp: 517803
Ion Ratio Lower Upper
114 100
63 19.9 0.0 49.2
88 14.9 0.0 33.8

Manual Integrations
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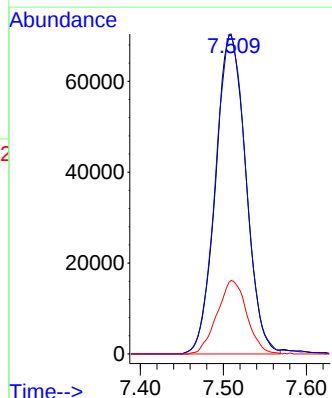
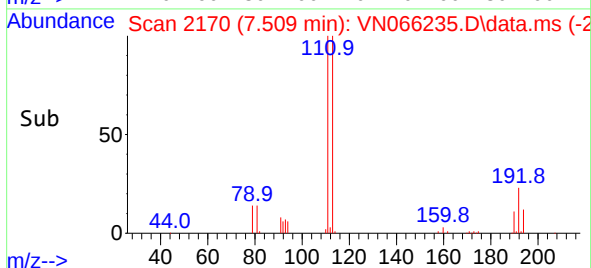
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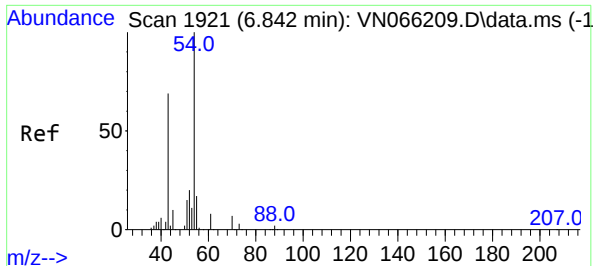


#35
Dibromofluoromethane
Concen: 53.92 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40



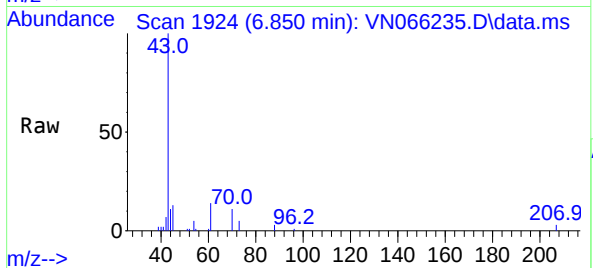
Tgt Ion:113 Resp: 178109
Ion Ratio Lower Upper
113 100
111 101.1 84.0 126.0
192 22.6 16.7 25.1





#37
Ethyl Acetate
Concen: 5.17 ug/l
RT: 6.850 min Scan# 1924
Delta R.T. 0.008 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

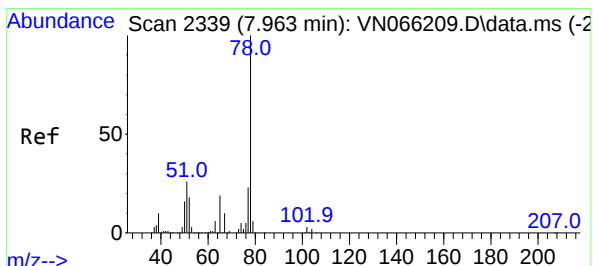
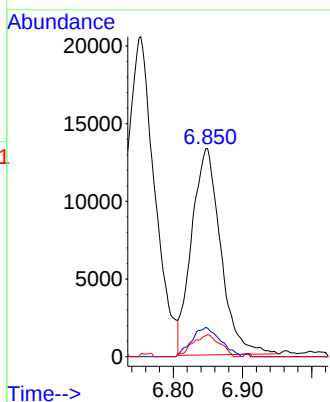
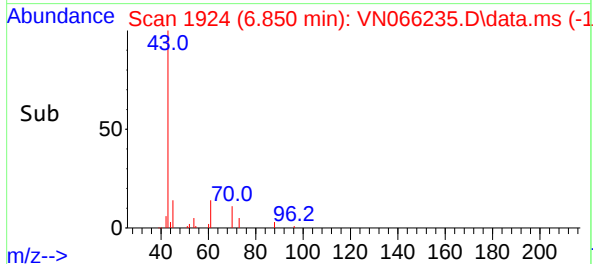
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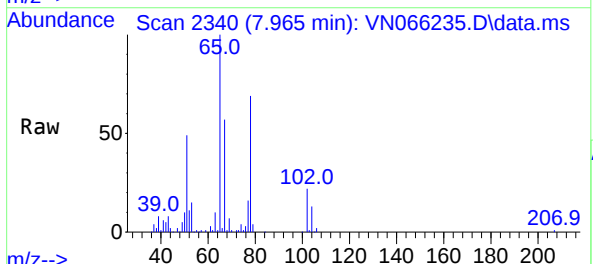
Tgt Ion: 43 Resp: 38768
Ion Ratio Lower Upper
43 100
61 14.0 9.2 13.8#
70 9.9 6.1 9.1#

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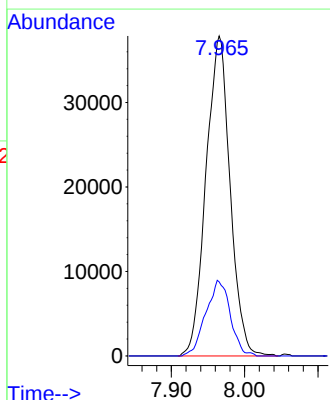
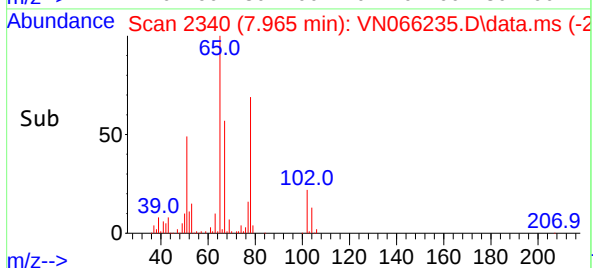
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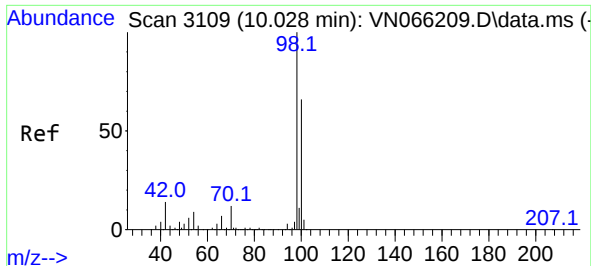


#40
Benzene
Concen: 5.49 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.002 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40



Tgt Ion: 78 Resp: 86418
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7





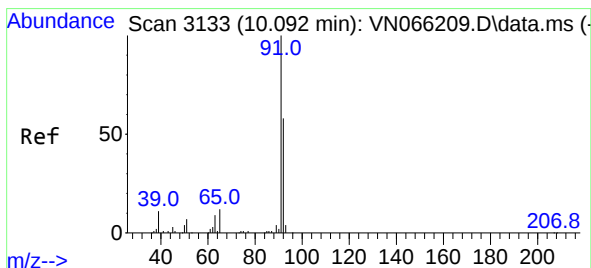
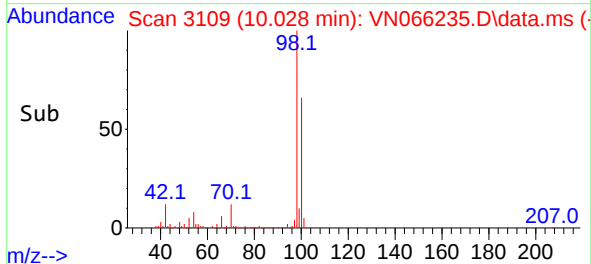
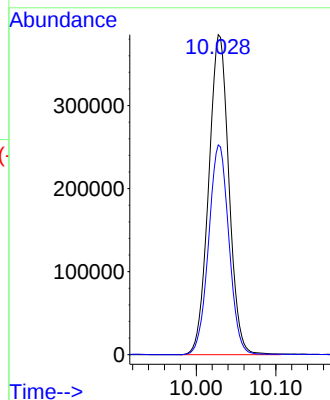
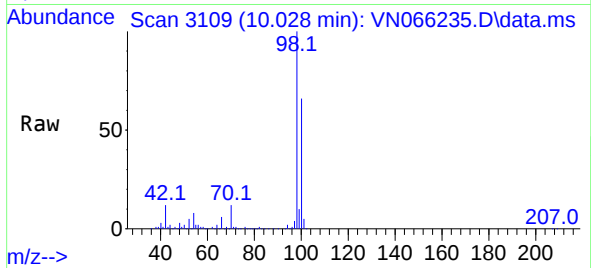
#50
Toluene-d8
Concen: 53.41 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

Tgt Ion: 98 Resp: 682136
Ion Ratio Lower Upper
98 100
100 65.8 51.0 76.6

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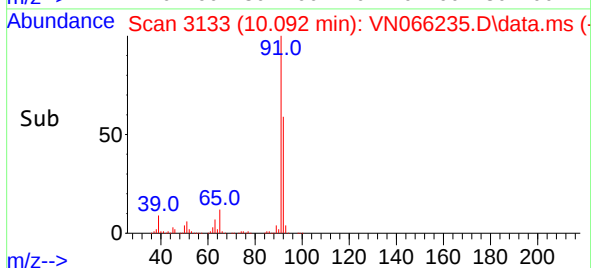
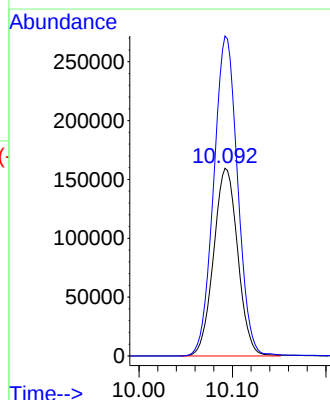
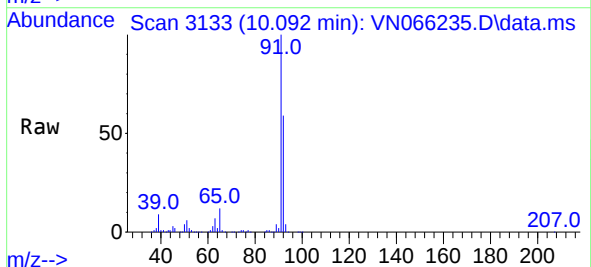
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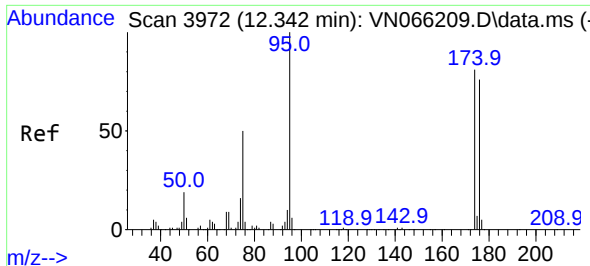
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#52
Toluene
Concen: 31.39 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

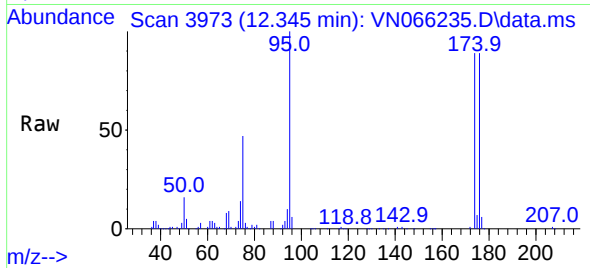
Tgt Ion: 92 Resp: 286359
Ion Ratio Lower Upper
92 100
91 169.3 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 45.24 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

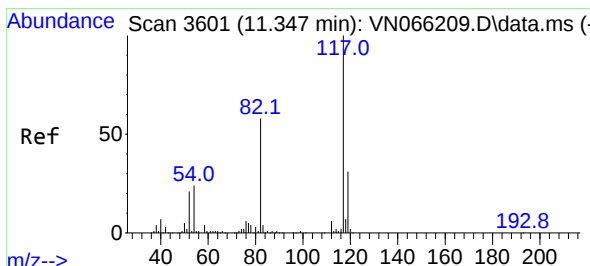
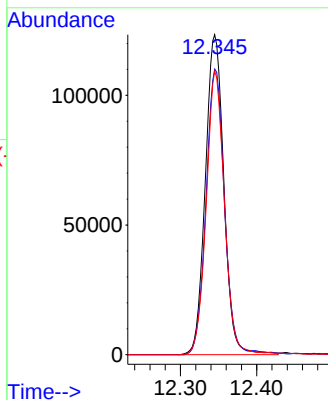
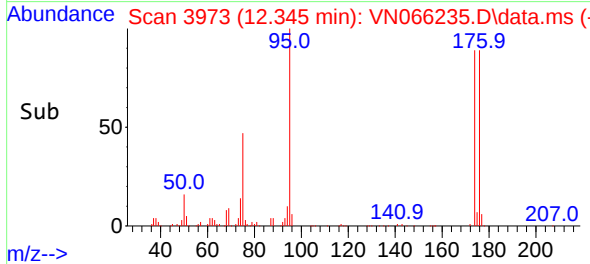
Instrument :
MSVOA_N
ClientSampleId :
AUD-1055



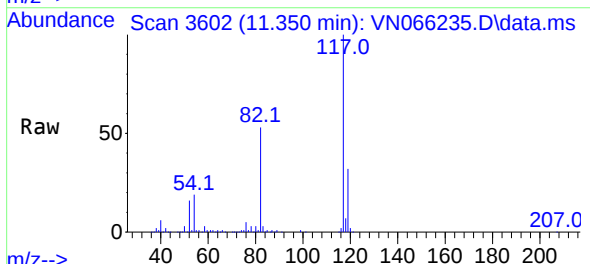
Tgt Ion: 95 Resp: 208303
Ion Ratio Lower Upper
95 100
174 88.3 0.0 162.4
176 86.5 0.0 156.2

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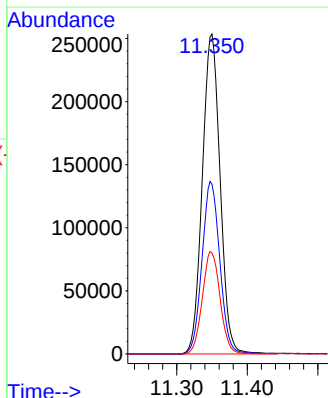
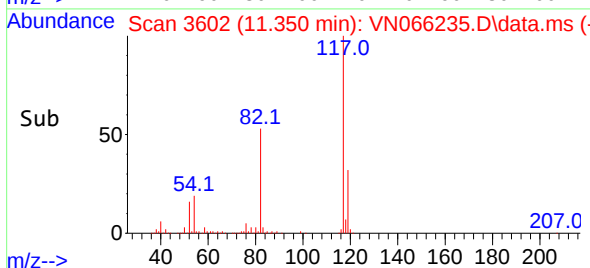
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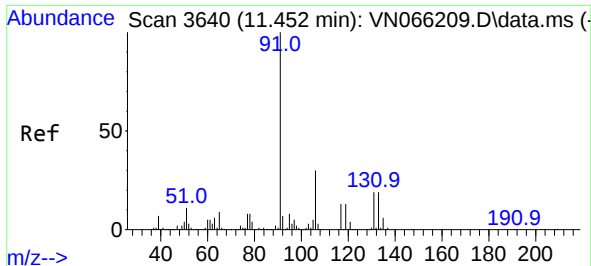


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40



Tgt Ion: 117 Resp: 445198
Ion Ratio Lower Upper
117 100
82 53.0 49.0 73.6
119 31.6 25.7 38.5





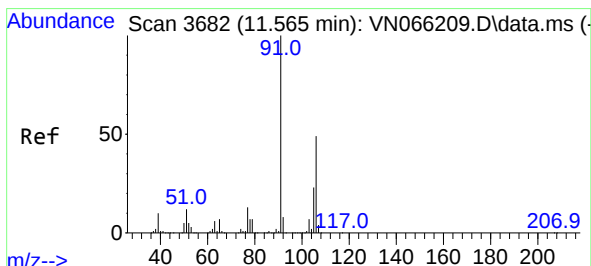
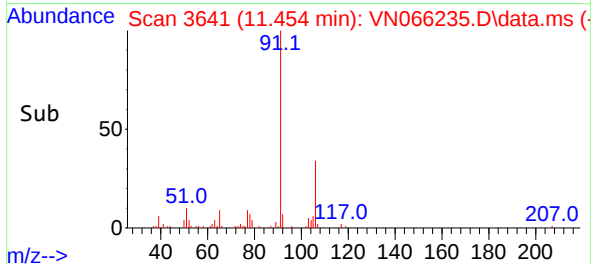
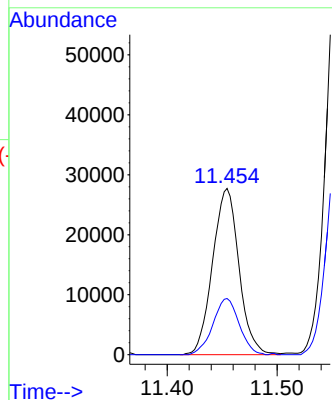
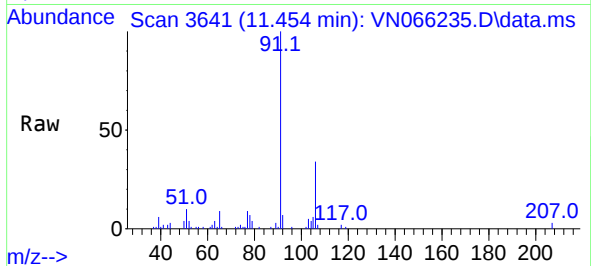
#67
Ethyl Benzene
Concen: 2.92 ug/l
RT: 11.454 min Scan# 3641
Delta R.T. 0.002 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

Instrument :
MSVOA_N
ClientSampled :
AUD-1055

Tgt Ion: 91 Resp: 46248
Ion Ratio Lower Upper
91 100
106 33.8 24.2 36.2

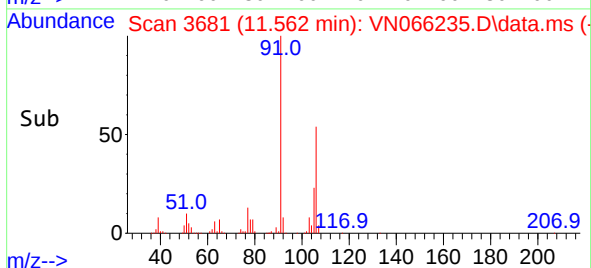
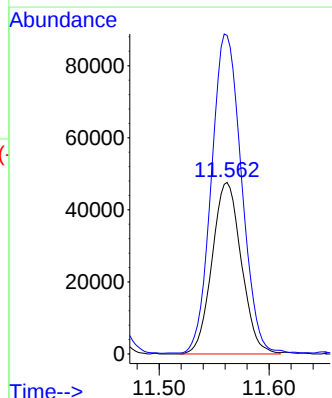
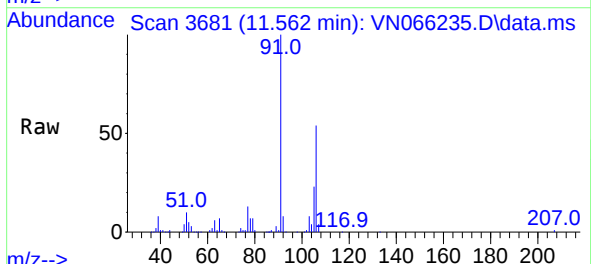
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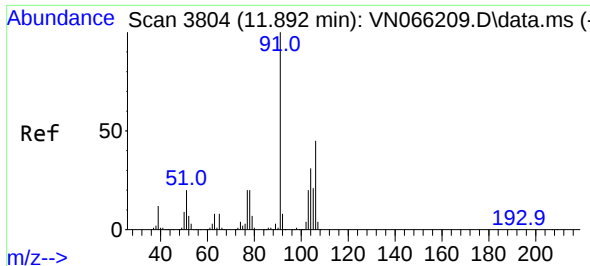
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#68
m/p-Xylenes
Concen: 14.97 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

Tgt Ion: 106 Resp: 88002
Ion Ratio Lower Upper
106 100
91 191.1 168.2 252.4





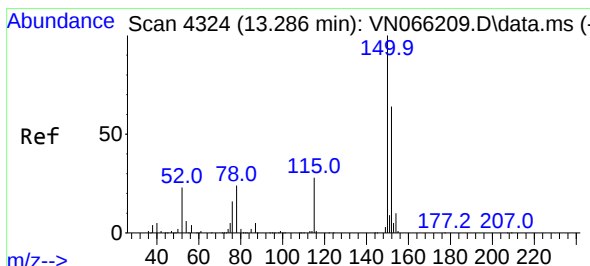
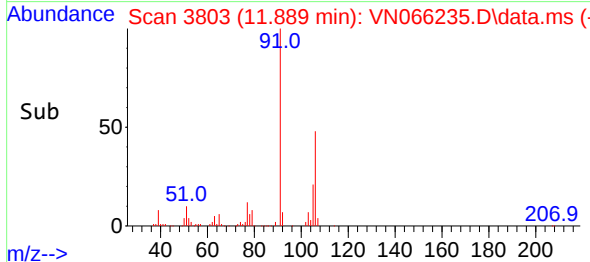
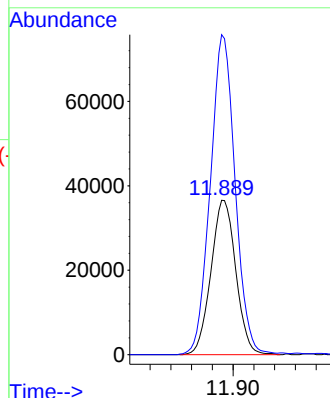
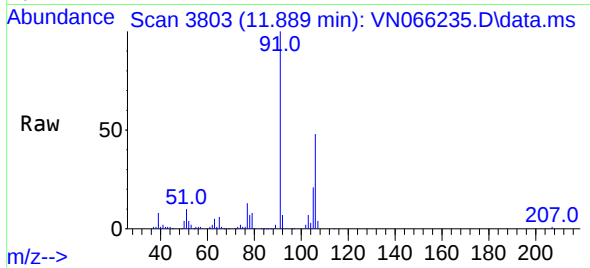
#69
o-Xylene
Concen: 10.76 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

Tgt Ion:106 Resp: 60767
Ion Ratio Lower Upper
106 100
91 206.6 111.8 335.3

Instrument :
MSVOA_N
ClientSampleId :
AUD-1055

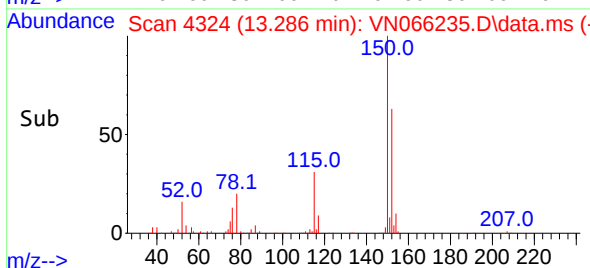
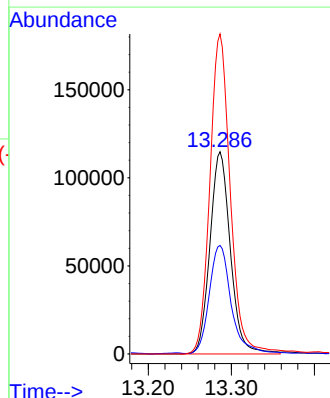
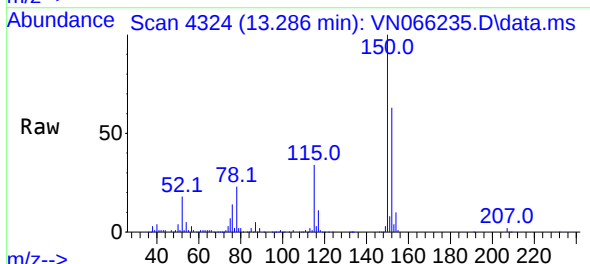
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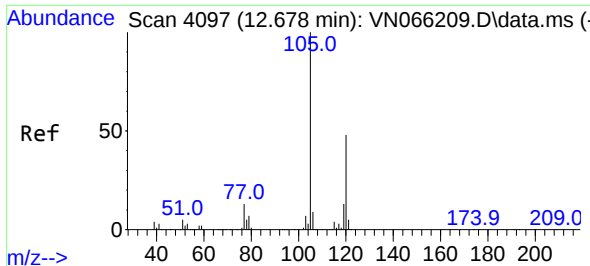
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

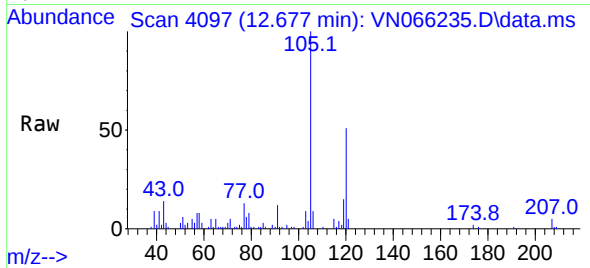
Tgt Ion:152 Resp: 196248
Ion Ratio Lower Upper
152 100
115 56.9 29.4 88.3
150 158.8 0.0 352.2





#80
1,3,5-Trimethylbenzene
Concen: 3.50 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.001 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

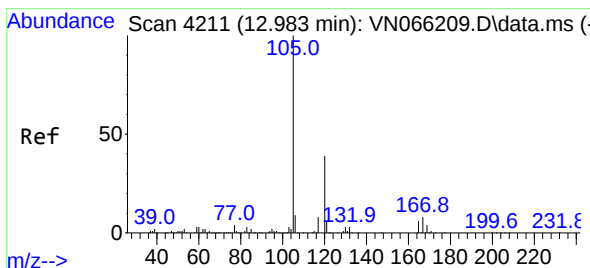
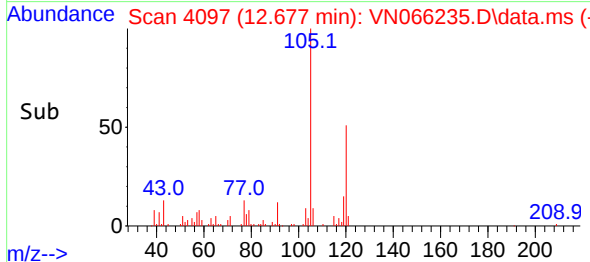
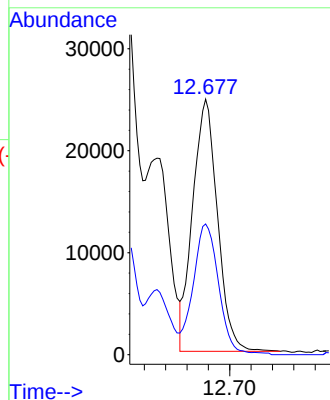
Instrument :
MSVOA_N
ClientSampleId :
AUD-1055



Tgt Ion:105 Resp: 39903
Ion Ratio Lower Upper
105 100
120 53.2 23.9 71.8

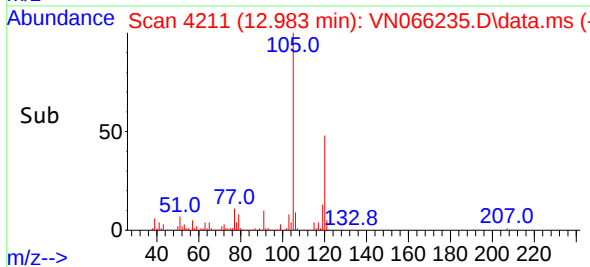
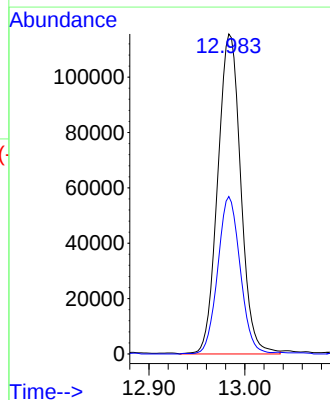
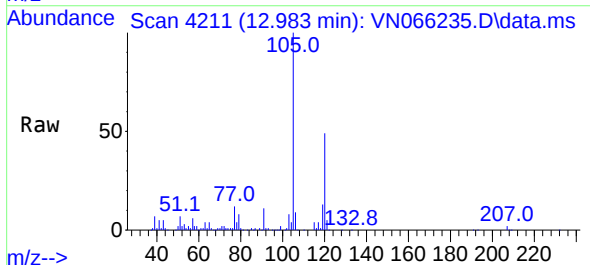
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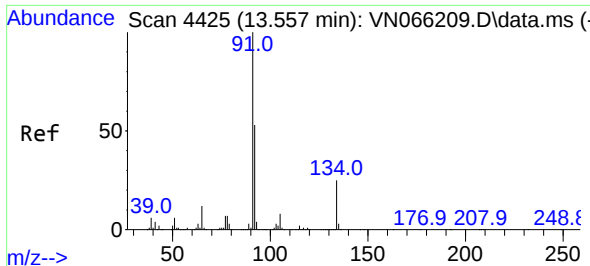
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#84
1,2,4-Trimethylbenzene
Concen: 17.26 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

Tgt Ion:105 Resp: 192477
Ion Ratio Lower Upper
105 100
120 47.5 22.1 66.5





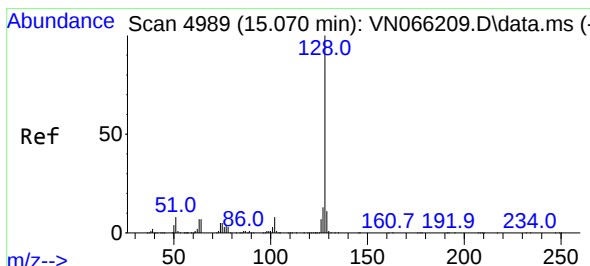
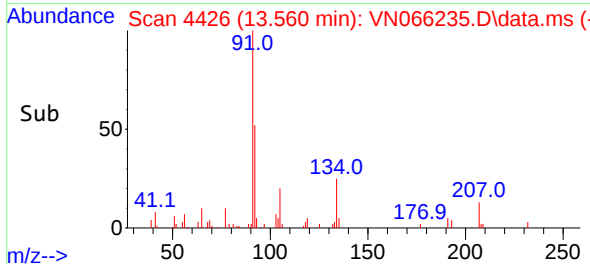
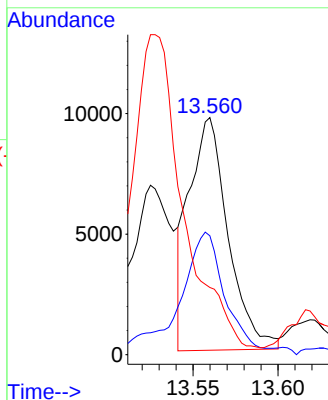
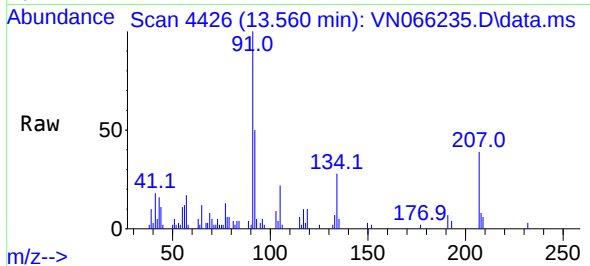
#89
n-Butylbenzene
Concen: 3.55 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. 0.003 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

Tgt Ion: 91 Resp: 15451
Ion Ratio Lower Upper
91 100
92 56.1 25.7 77.0
134 0.0 11.8 35.4#

Instrument :
MSVOA_N
ClientSampled :
AUD-1055

Manual Integrations
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#95
Naphthalene
Concen: 15.32 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066235.D
Acq: 17 Mar 2021 15:40

Tgt Ion: 128 Resp: 176265
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.0 8.4 12.6

