

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066424.D
 Acq On : 30 Mar 2021 16:54
 Operator : JC/MD
 Sample : M1835-03DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ASR4DL

Manual Integrations
 APPROVED

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 3/31/2021 1:37:07 PM

Quant Time: Mar 31 03:00:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	398083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	610061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	521436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	207141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	274434	51.86	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.72%			
35) Dibromofluoromethane	7.507	113	214148	52.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.90%			
50) Toluene-d8	10.028	98	818163	53.34	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.68%			
62) 4-Bromofluorobenzene	12.345	95	241909	45.40	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.80%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	4.943	73	5639m	0.42	ug/l	
39) Methylcyclohexane	9.011	83	2947	0.42	ug/l	94
40) Benzene	7.963	78	254329	14.69	ug/l	99
52) Toluene	10.092	92	194466	18.30	ug/l	99
67) Ethyl Benzene	11.452	91	264220	14.00	ug/l	100
68) m/p-Xylenes	11.559	106	346400	48.31	ug/l	100
69) o-Xylene	11.889	106	98185	14.19	ug/l	99
73) Isopropylbenzene	12.192	105	10452	0.68	ug/l	98
78) n-propylbenzene	12.538	91	23341	1.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	59382	4.71	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	170917	13.96	ug/l	97
95) Naphthalene	15.078	128	37688	4.22	ug/l	96

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

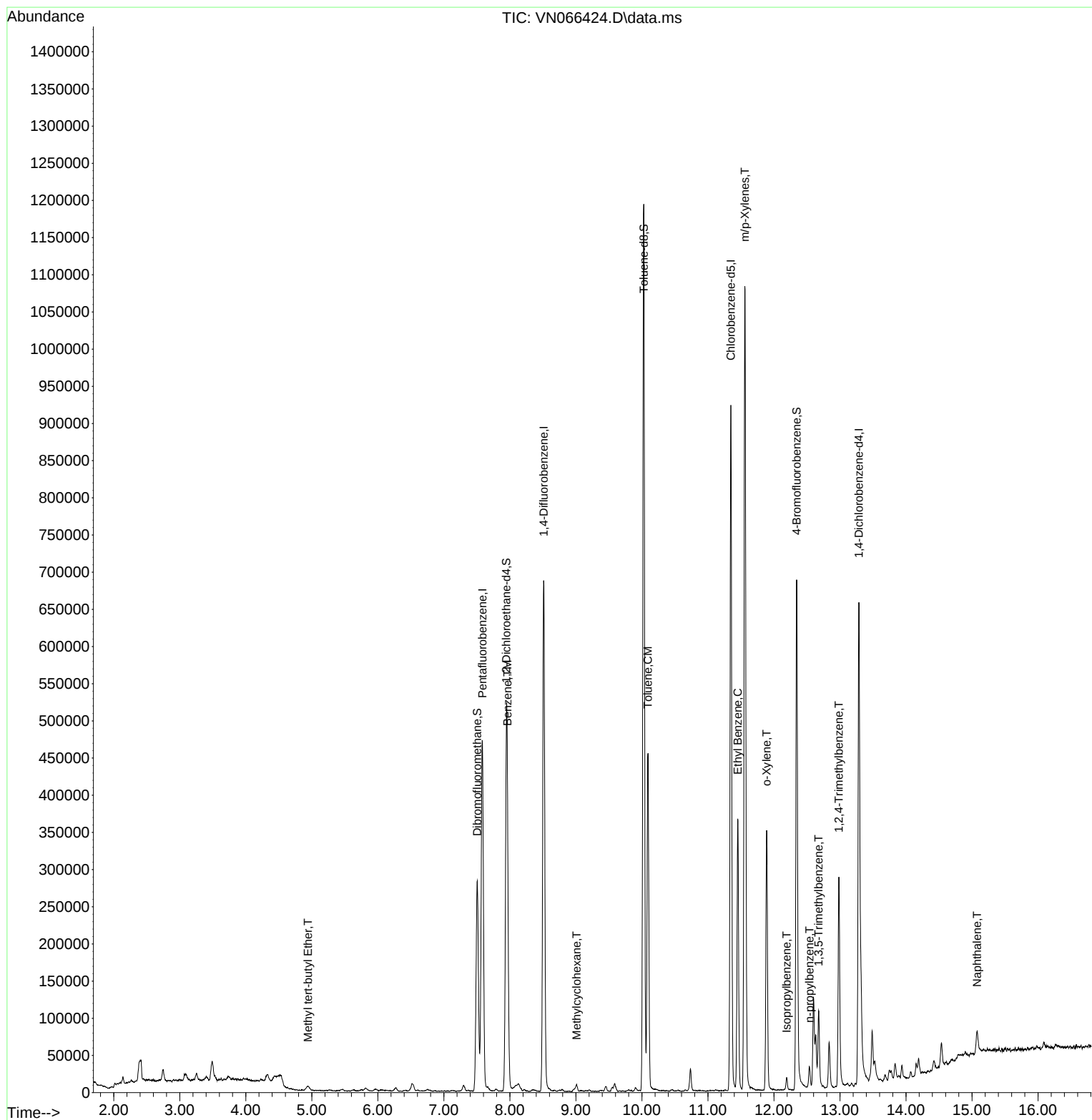
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Data File : VN066424.D
Acq On : 30 Mar 2021 16:54
Operator : JC/MD
Sample : M1835-03DL 100X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

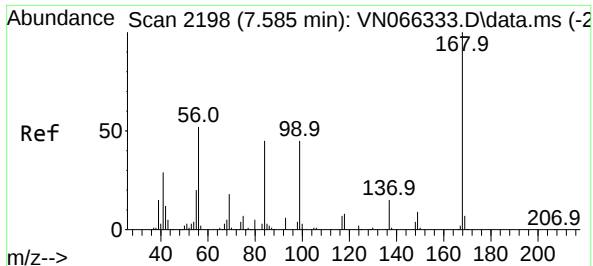
Instrument :
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Quant Time: Mar 31 03:00:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
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Response via : Initial Calibration





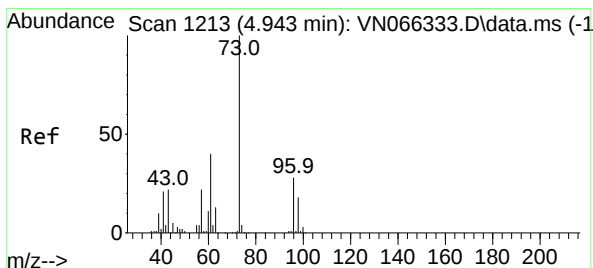
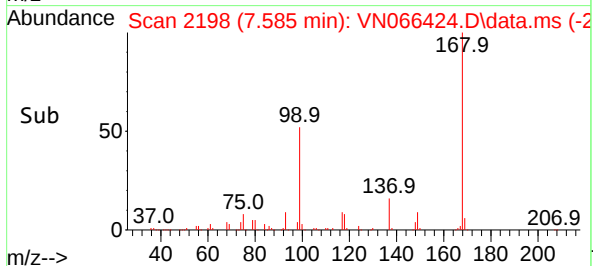
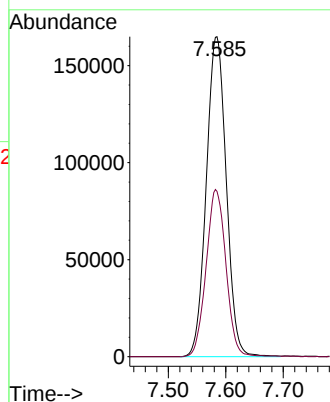
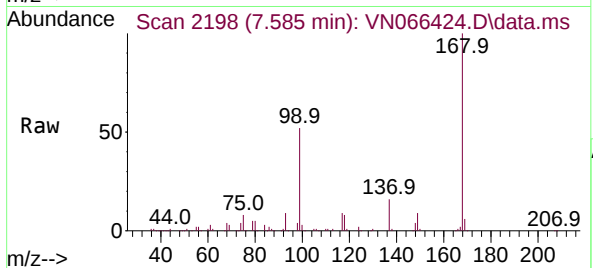
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

Instrument :
MSVOA_N
ClientSampleId :
ASR4DL

Tgt Ion:168 Resp: 398083
Ion Ratio Lower Upper
168 100
99 51.6 41.1 61.7

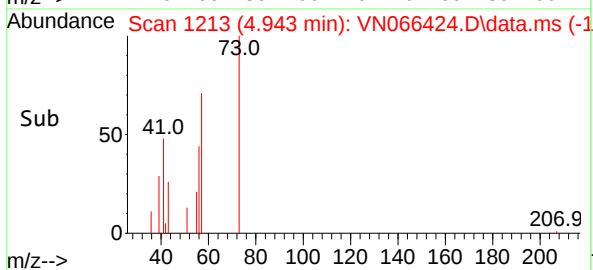
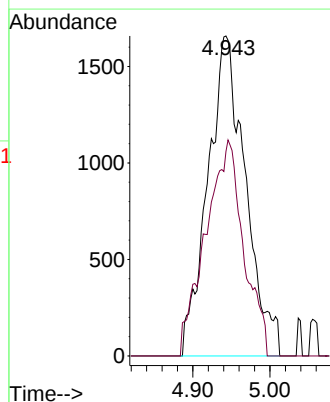
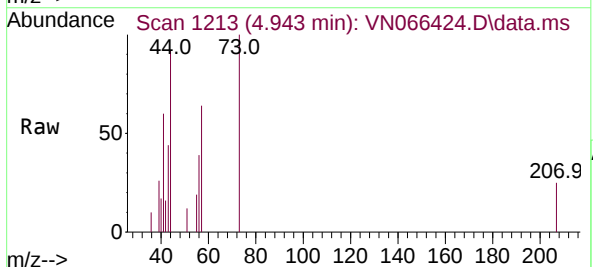
Manual Integrations
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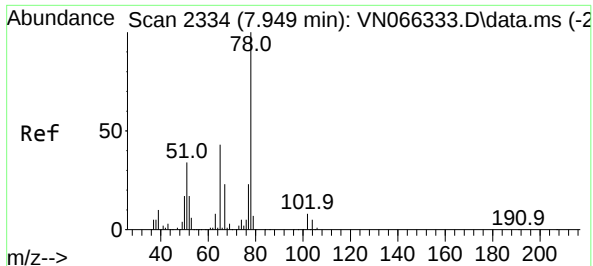
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#19
Methyl tert-butyl Ether
Concen: 0.42 ug/l m
RT: 4.943 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

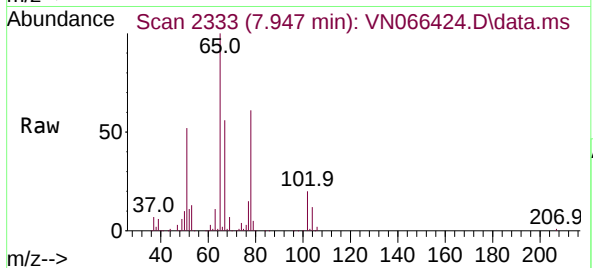
Tgt Ion: 73 Resp: 5639
Ion Ratio Lower Upper
73 100
57 63.9 17.6 26.4#





#33
1,2-Dichloroethane-d4
Concen: 51.86 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

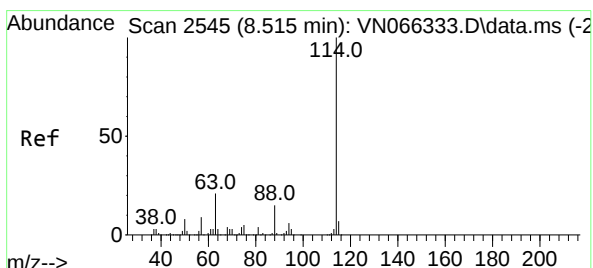
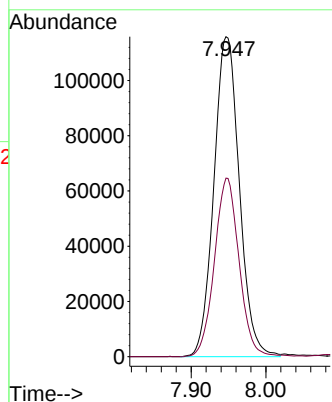
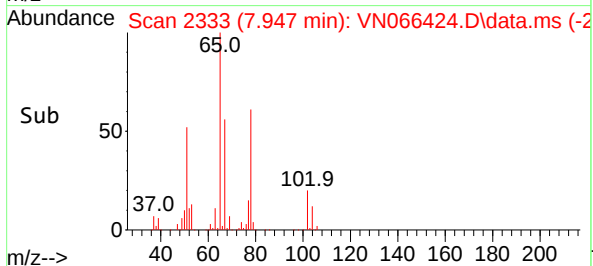
Instrument :
MSVOA_N
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ASR4DL



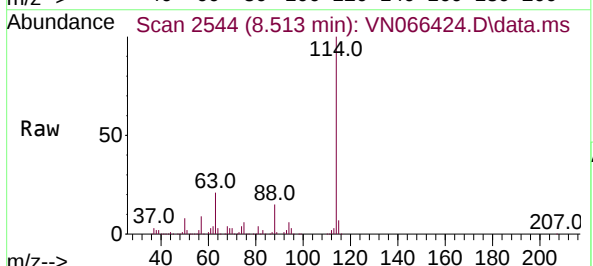
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Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.2

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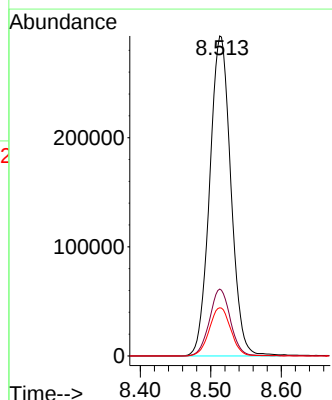
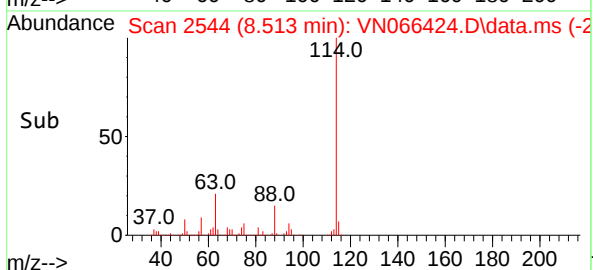
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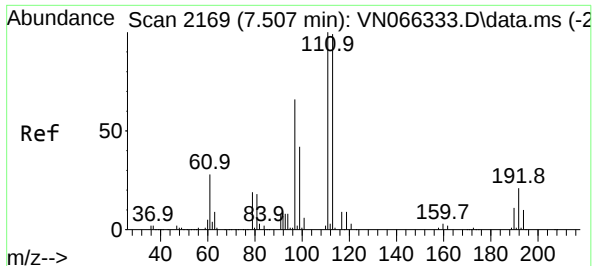


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.513 min Scan# 2544
Delta R.T. -0.002 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

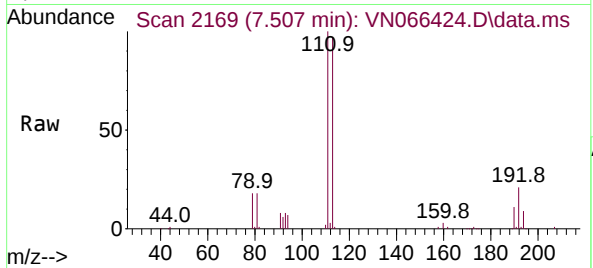


Tgt Ion: 114 Resp: 610061
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.0
88 15.0 0.0 31.0

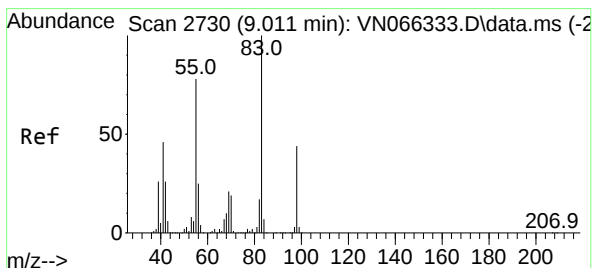
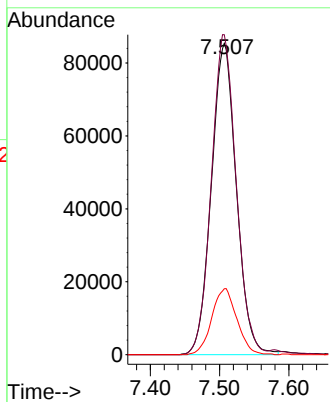
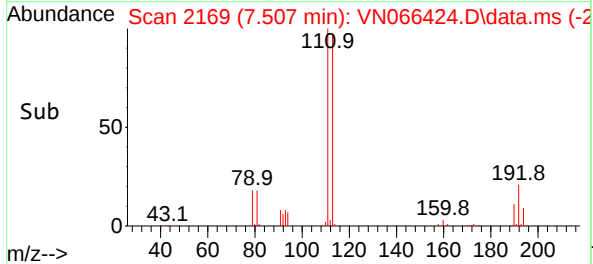




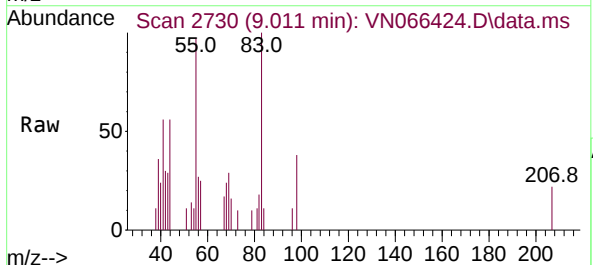
#35
Dibromofluoromethane
Concen: 52.95 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54



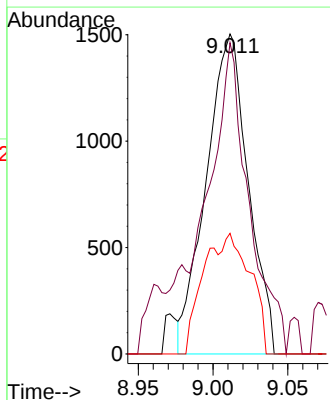
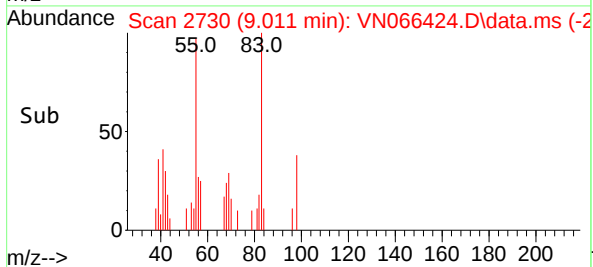
Tgt Ion: 113 Resp: 214148
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 21.3 17.1 25.7



#39
Methylcyclohexane
Concen: 0.42 ug/l
RT: 9.011 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54



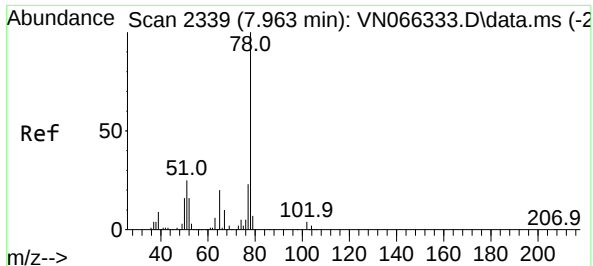
Tgt Ion: 83 Resp: 2947
Ion Ratio Lower Upper
83 100
55 81.0 62.3 93.5
98 37.7 35.6 53.4



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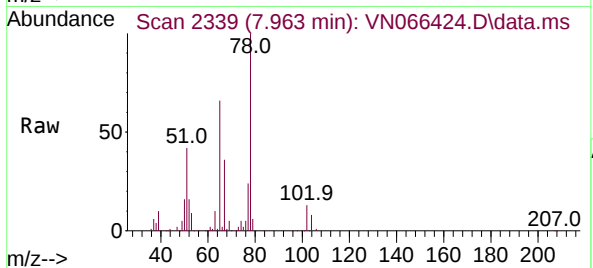
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#40
Benzene
Concen: 14.69 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. 0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

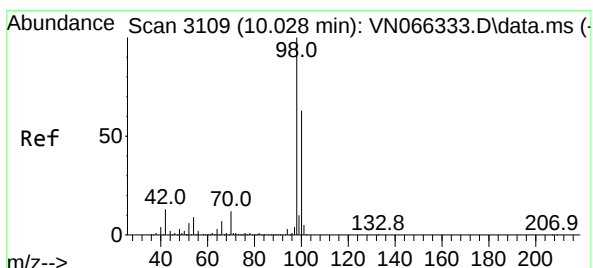
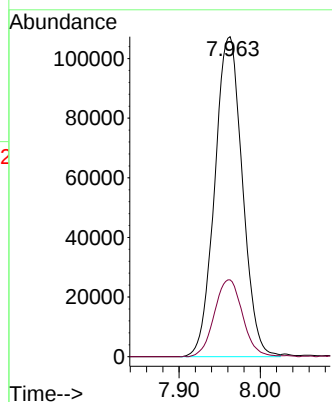
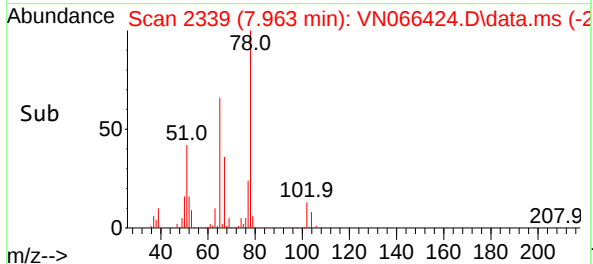
Instrument :
MSVOA_N
ClientSampleId :
ASR4DL



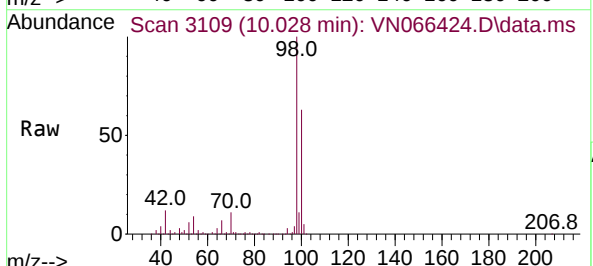
Tgt Ion: 78 Resp: 254329
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1

Manual Integrations
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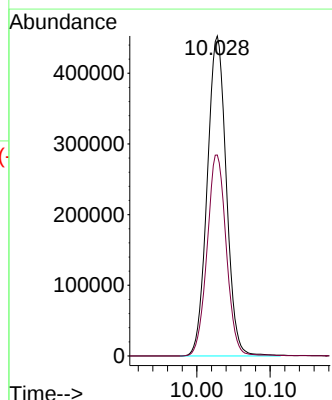
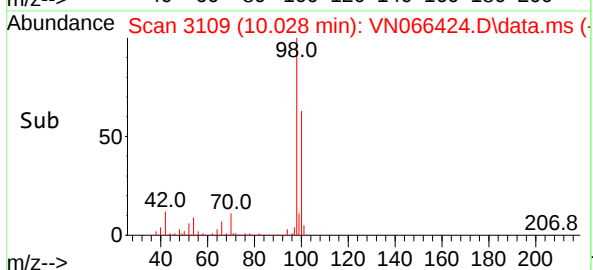
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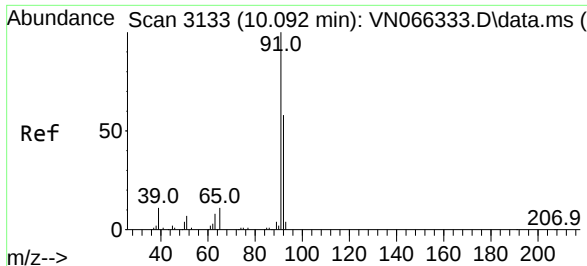


#50
Toluene-d8
Concen: 53.34 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54



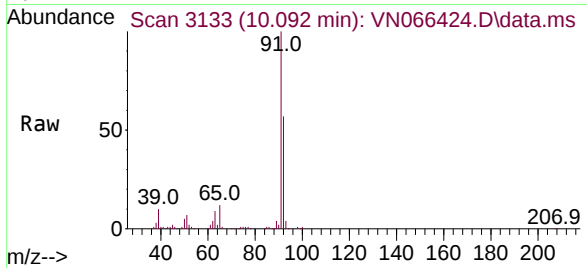
Tgt Ion: 98 Resp: 818163
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7





#52
Toluene
Concen: 18.30 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

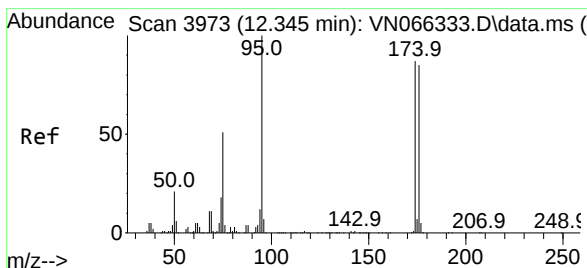
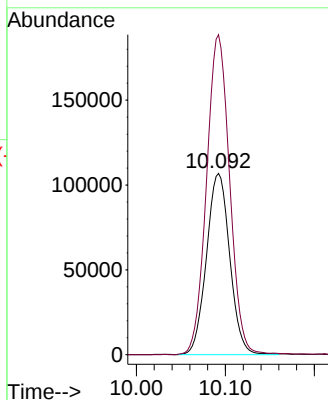
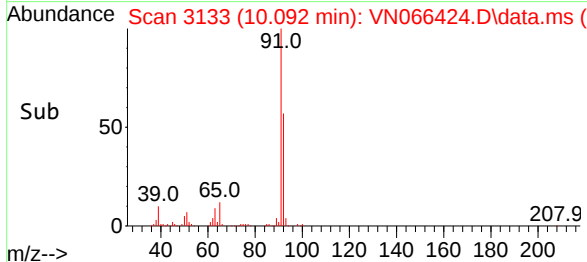
Instrument :
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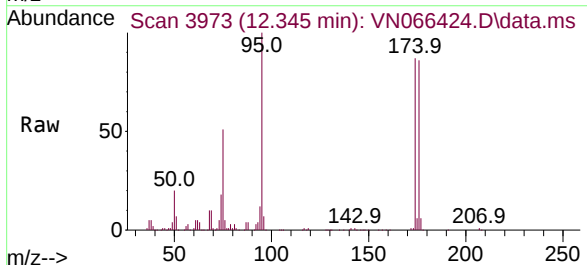
Tgt Ion: 92 Resp: 194466
Ion Ratio Lower Upper
92 100
91 174.8 138.8 208.2

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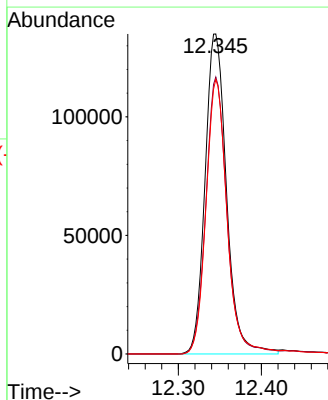
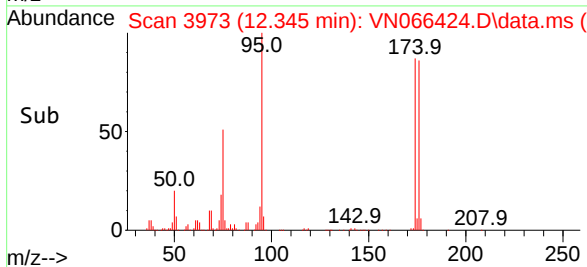
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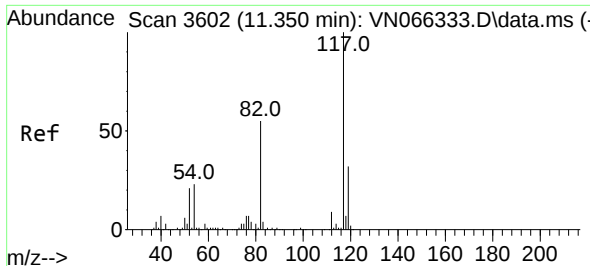


#62
4-Bromofluorobenzene
Concen: 45.40 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54



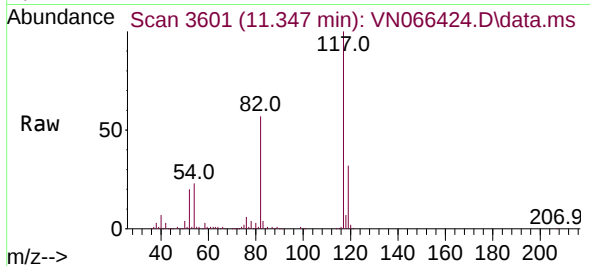
Tgt Ion: 95 Resp: 241909
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.2
176 84.0 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

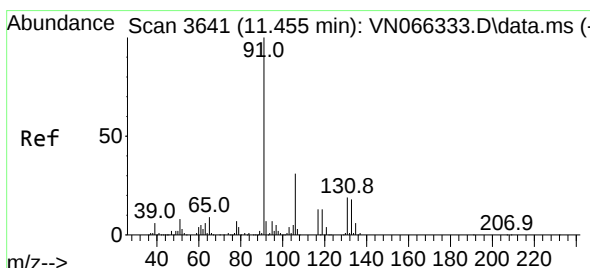
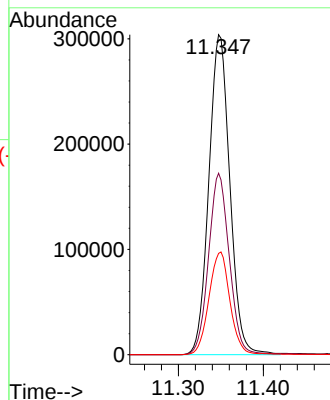
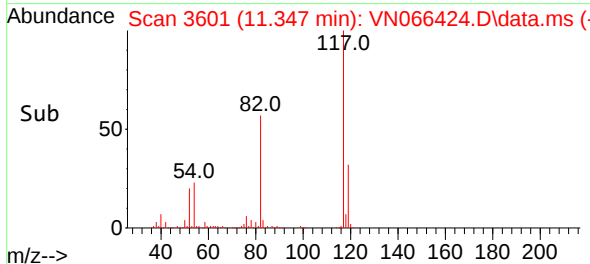
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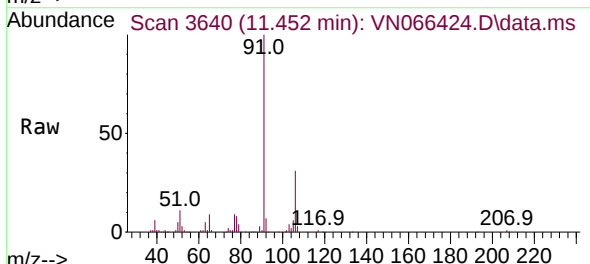
Tgt Ion:117 Resp: 521436
Ion Ratio Lower Upper
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82 56.7 44.2 66.4
119 31.7 25.8 38.6

Manual Integrations
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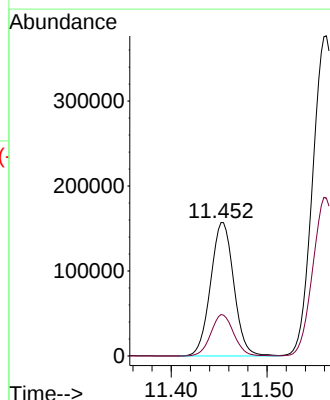
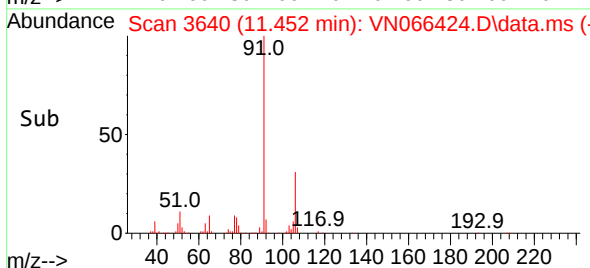
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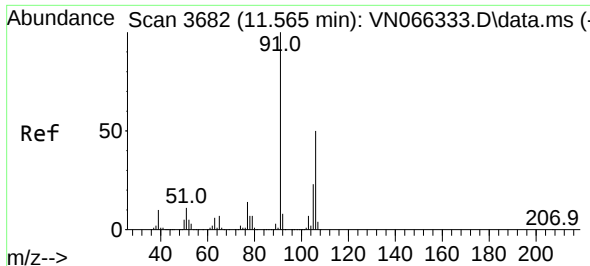


#67
Ethyl Benzene
Concen: 14.00 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54



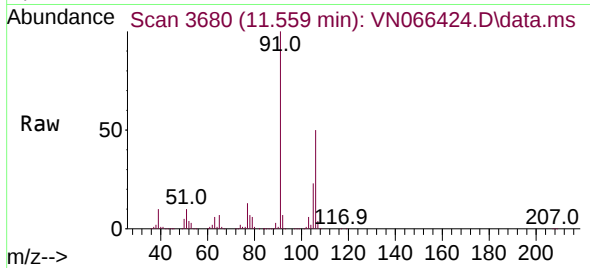
Tgt Ion: 91 Resp: 264220
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1





#68
m/p-Xylenes
Concen: 48.31 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.005 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

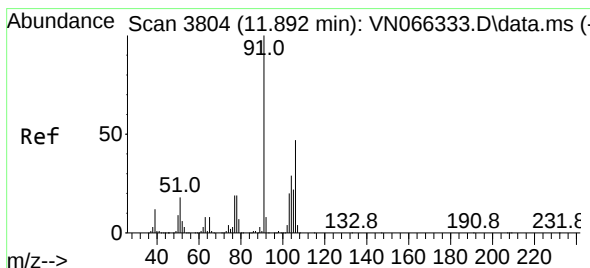
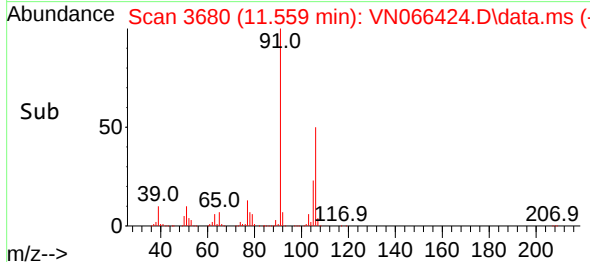
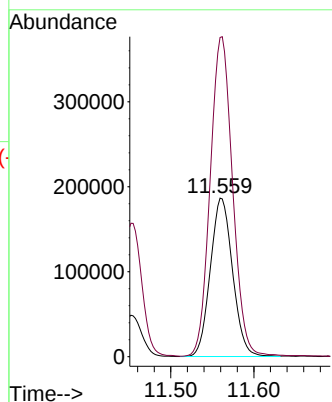
Instrument :
MSVOA_N
ClientSampleId :
ASR4DL



Tgt Ion:106 Resp: 346400
Ion Ratio Lower Upper
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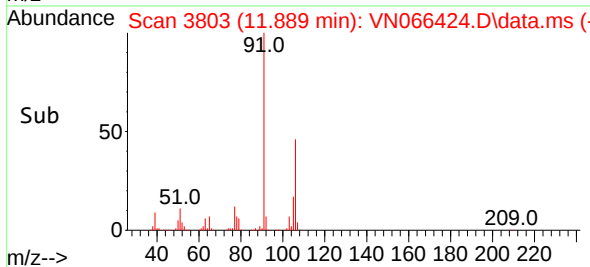
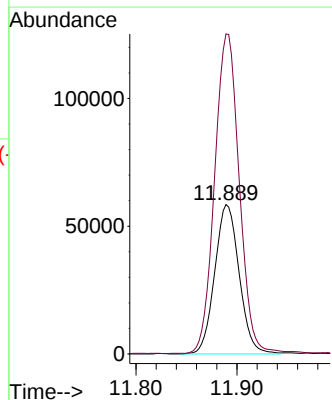
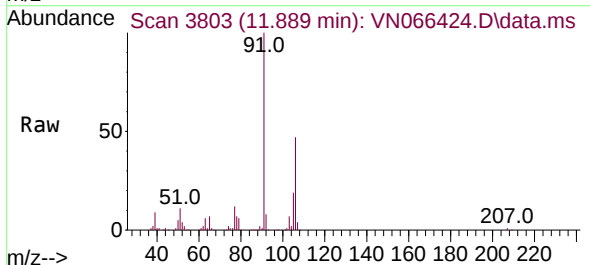
Manual Integrations
APPROVED

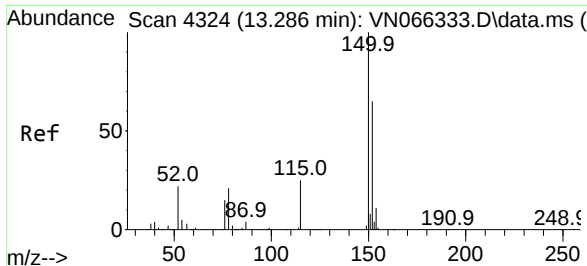
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3/31/2021 1:37:07 PM



#69
o-Xylene
Concen: 14.19 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

Tgt Ion:106 Resp: 98185
Ion Ratio Lower Upper
106 100
91 215.8 107.1 321.4





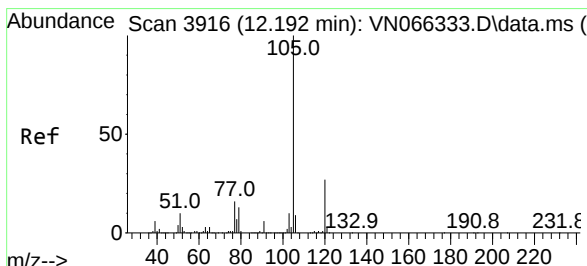
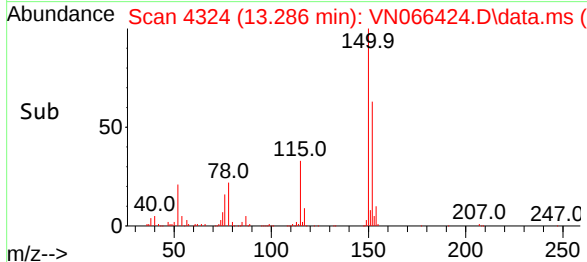
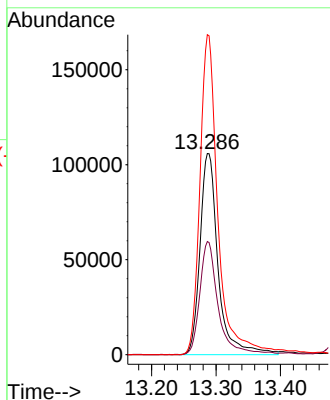
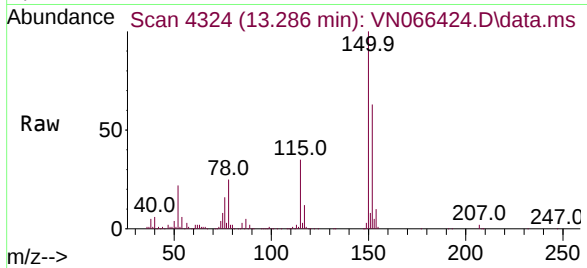
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

Tgt Ion:152 Resp: 207141
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.4
150 157.3 0.0 348.4

Instrument :
MSVOA_N
ClientSampleId :
ASR4DL

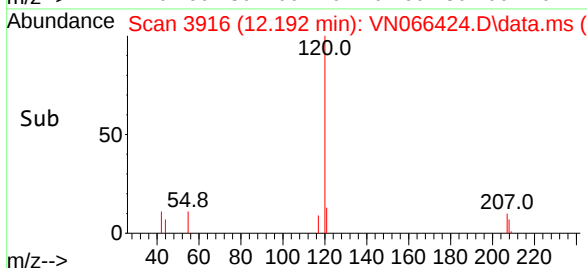
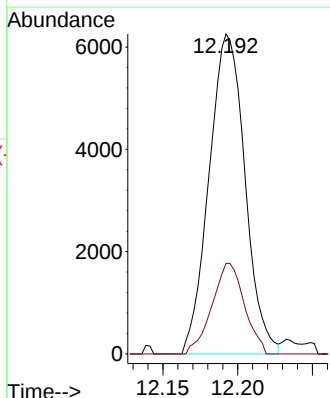
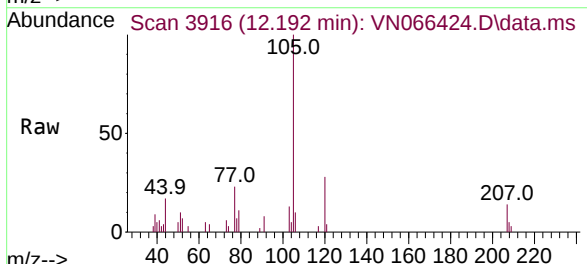
Manual Integrations
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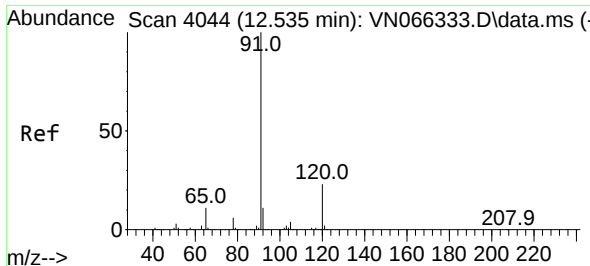
MMDadoda
3/31/2021 1:37:07 PM



#73
Isopropylbenzene
Concen: 0.68 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

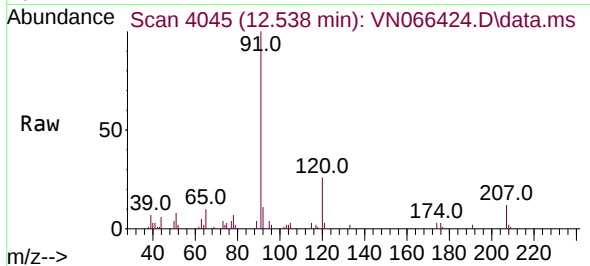
Tgt Ion:105 Resp: 10452
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.8





#78
n-propylbenzene
Concen: 1.39 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

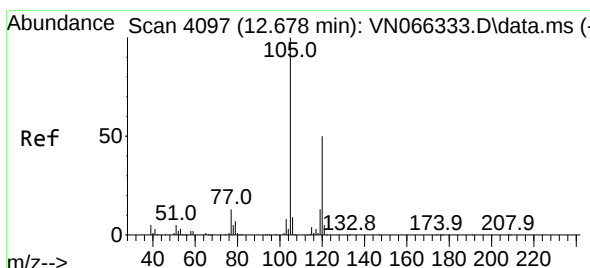
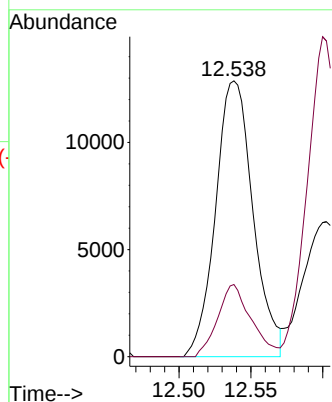
Instrument :
MSVOA_N
ClientSampleId :
ASR4DL



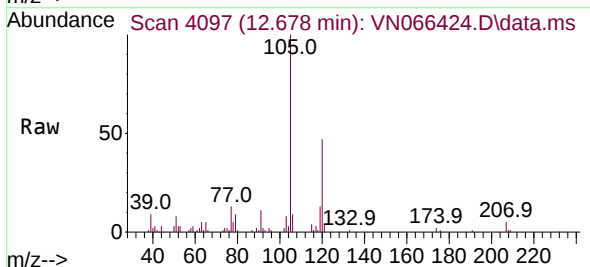
Tgt Ion: 91 Resp: 23341
Ion Ratio Lower Upper
91 100
120 23.6 11.7 35.1

Manual Integrations
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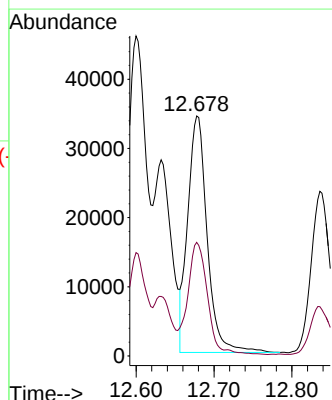
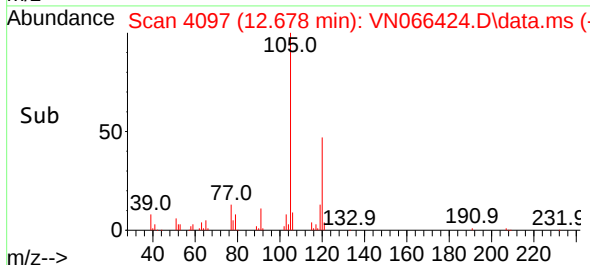
MMDadoda
3/31/2021 1:37:07 PM

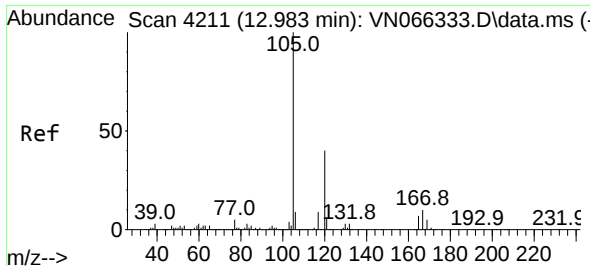


#80
1,3,5-Trimethylbenzene
Concen: 4.71 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54



Tgt Ion: 105 Resp: 59382
Ion Ratio Lower Upper
105 100
120 48.2 24.5 73.5





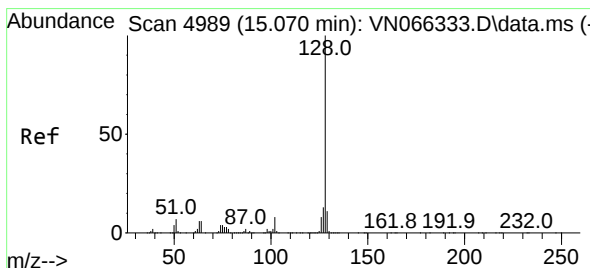
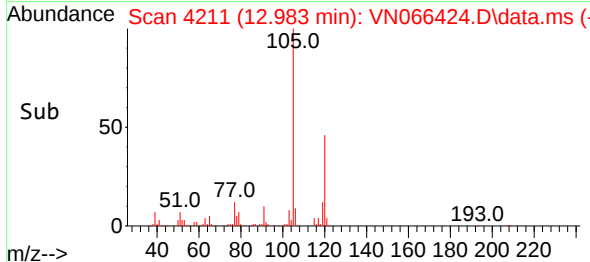
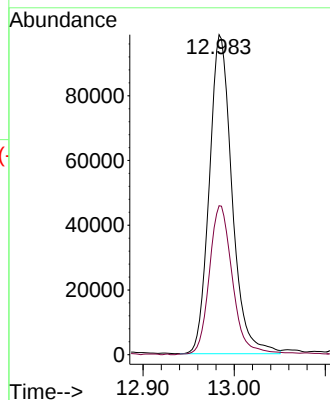
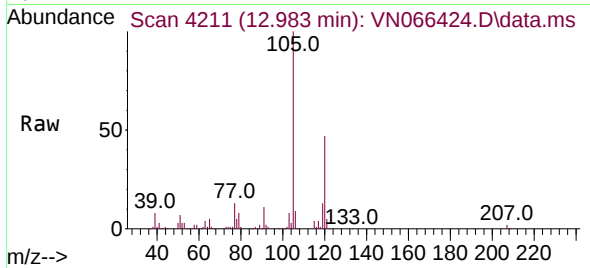
#84
1,2,4-Trimethylbenzene
Concen: 13.96 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

Tgt Ion:105 Resp: 170917
Ion Ratio Lower Upper
105 100
120 48.0 23.1 69.2

Instrument :
MSVOA_N
ClientSampled :
ASR4DL

Manual Integrations
APPROVED

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3/31/2021 1:37:07 PM



#95
Naphthalene
Concen: 4.22 ug/l
RT: 15.078 min Scan# 4992
Delta R.T. 0.008 min
Lab File: VN066424.D
Acq: 30 Mar 2021 16:54

Tgt Ion:128 Resp: 37688
Ion Ratio Lower Upper
128 100
127 11.8 10.5 15.7
129 8.7 8.5 12.7

