

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066423.D
 Acq On : 30 Mar 2021 16:31
 Operator : JC/MD
 Sample : M1835-02DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ASR7DL

Manual Integrations
 APPROVED

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 3/31/2021 1:36:58 PM

Quant Time: Mar 31 03:00:21 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	7.582	168	423158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	645522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	549975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	215767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	293526	52.18	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.36%			
35) Dibromofluoromethane	7.507	113	228796	53.46	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.92%			
50) Toluene-d8	10.028	98	866273	53.37	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.74%			
62) 4-Bromofluorobenzene	12.345	95	253154	44.90	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.80%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.704	59	6652m	7.75	ug/l	
19) Methyl tert-butyl Ether	4.937	73	901751	62.72	ug/l	97
40) Benzene	7.960	78	557729	30.45	ug/l	99
52) Toluene	10.092	92	81164	7.22	ug/l	97
67) Ethyl Benzene	11.452	91	212575	10.68	ug/l	98
68) m/p-Xylenes	11.559	106	186660	24.68	ug/l	100
69) o-Xylene	11.889	106	23056	3.16	ug/l	95
73) Isopropylbenzene	12.195	105	5682	0.35	ug/l	97
78) n-propylbenzene	12.538	91	13148	0.75	ug/l	95
80) 1,3,5-Trimethylbenzene	12.678	105	26114	1.99	ug/l	89
84) 1,2,4-Trimethylbenzene	12.983	105	79317	6.22	ug/l	100
95) Naphthalene	15.078	128	32310	3.66	ug/l	98

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

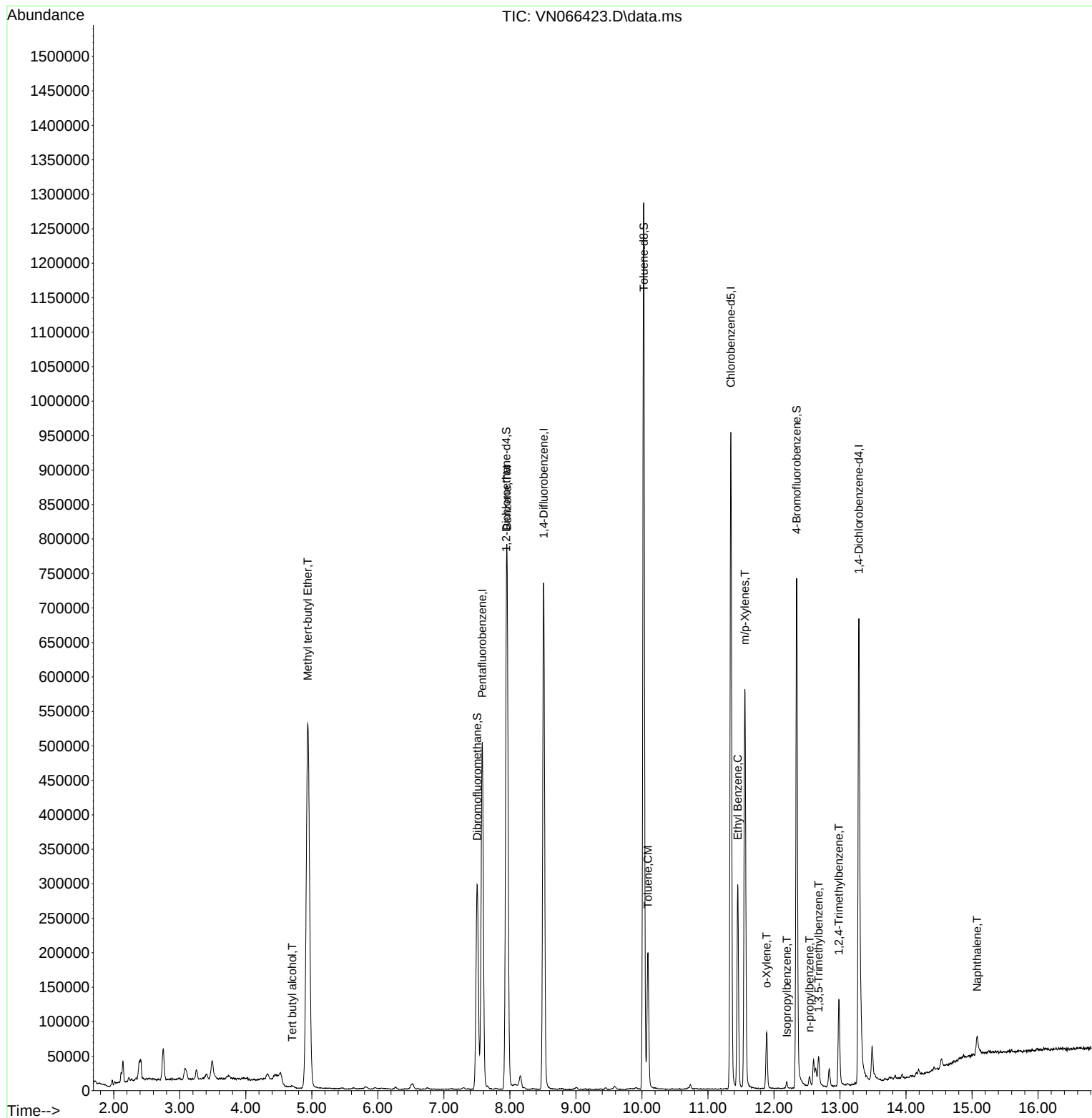
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
Data File : VN066423.D
Acq On : 30 Mar 2021 16:31
Operator : JC/MD
Sample : M1835-02DL 100X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

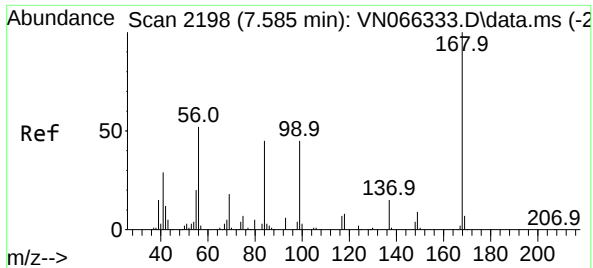
Instrument :
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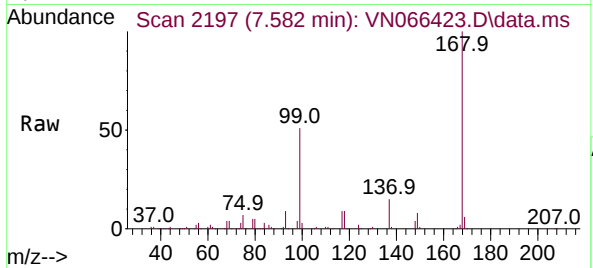
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

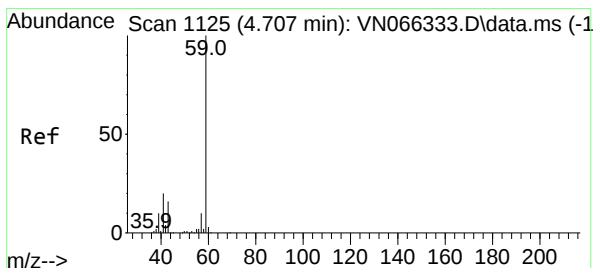
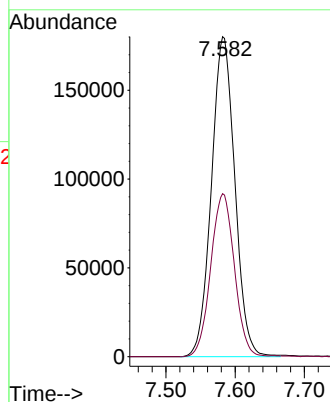
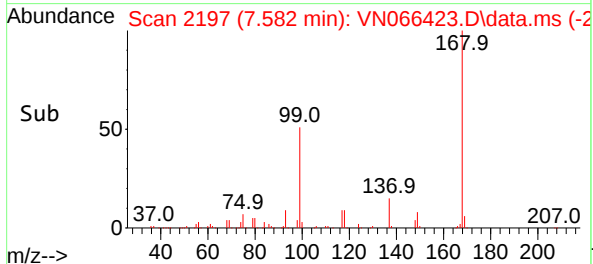
Instrument :
MSVOA_N
ClientSampleId :
ASR7DL



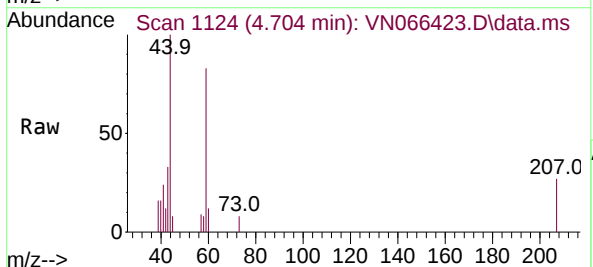
Tgt Ion:168 Resp: 423158
Ion Ratio Lower Upper
168 100
99 51.0 41.1 61.7

Manual Integrations
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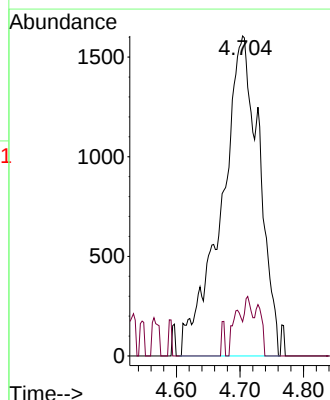
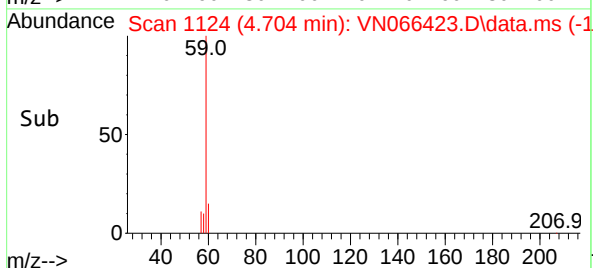
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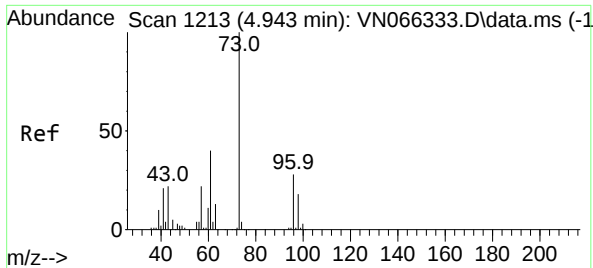


#11
Tert butyl alcohol
Concen: 7.75 ug/l m
RT: 4.704 min Scan# 1124
Delta R.T. -0.003 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

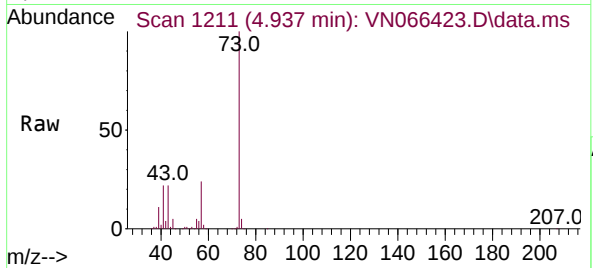


Tgt Ion: 59 Resp: 6652
Ion Ratio Lower Upper
59 100
57 0.0 4.1 6.1#

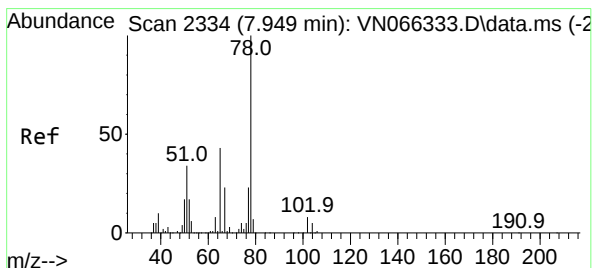
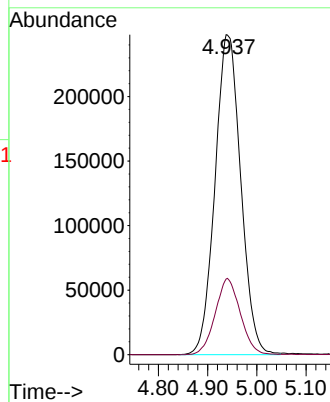
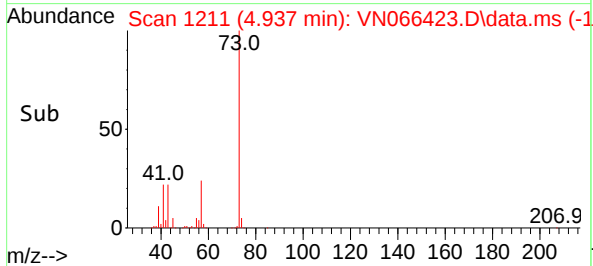




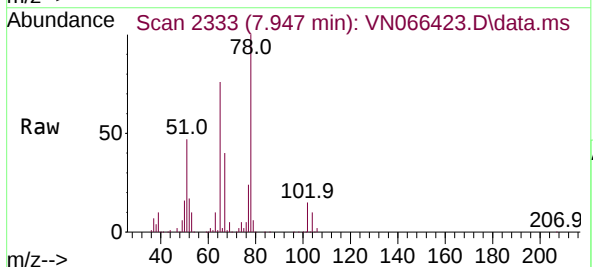
#19
Methyl tert-butyl Ether
Concen: 62.72 ug/l
RT: 4.937 min Scan# 1211
Delta R.T. -0.005 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31



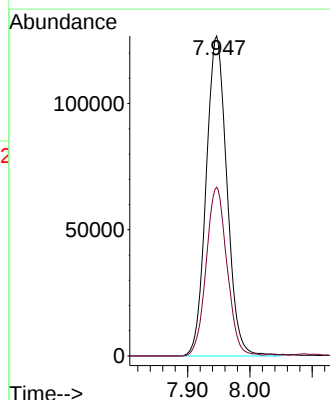
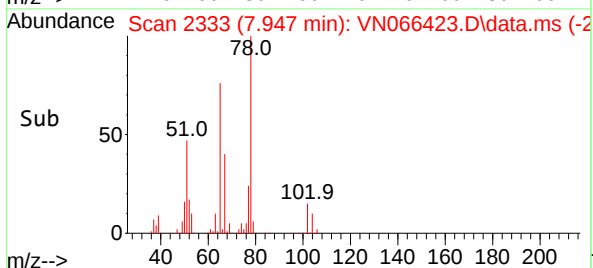
Tgt Ion: 73 Resp: 901751
Ion Ratio Lower Upper
73 100
57 23.6 17.6 26.4



#33
1,2-Dichloroethane-d4
Concen: 52.18 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31



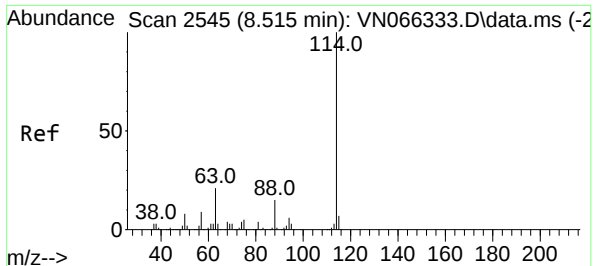
Tgt Ion: 65 Resp: 293526
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.2



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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.512 min Scan# 2544

Delta R.T. -0.003 min

Lab File: VN066423.D

Acq: 30 Mar 2021 16:31

Tgt Ion:	114	Resp:	645522
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	42.0
88	15.6	0.0	31.0

Instrument :

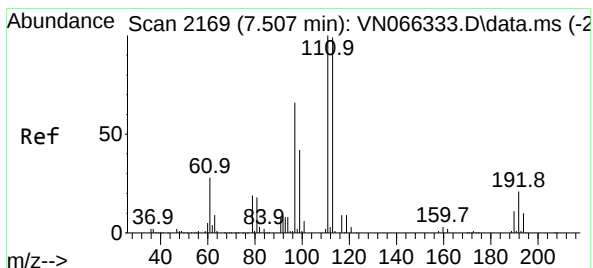
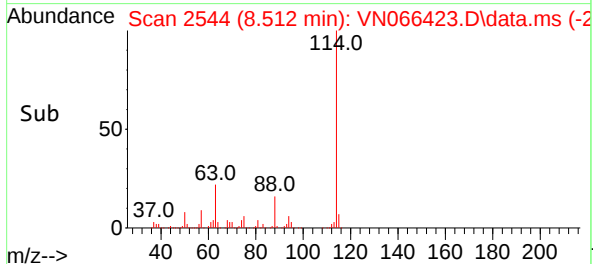
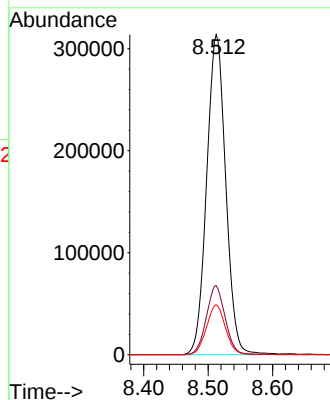
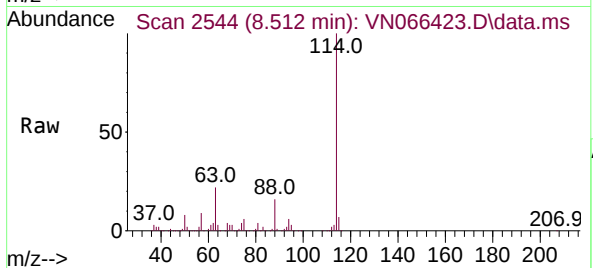
MSVOA_N

ClientSampleId :

ASR7DL

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#35

Dibromofluoromethane

Concen: 53.46 ug/l

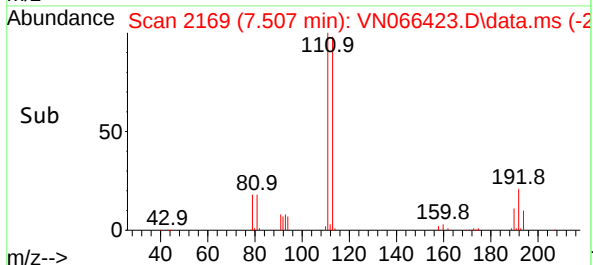
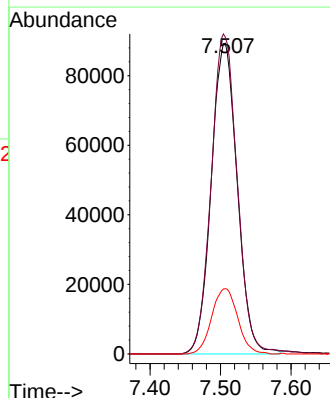
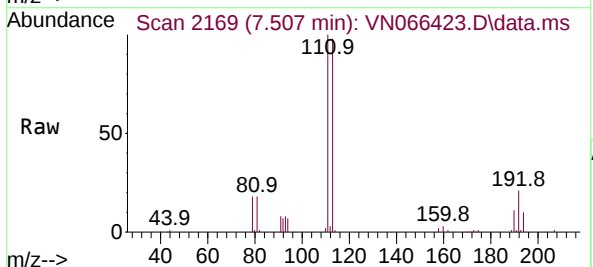
RT: 7.507 min Scan# 2169

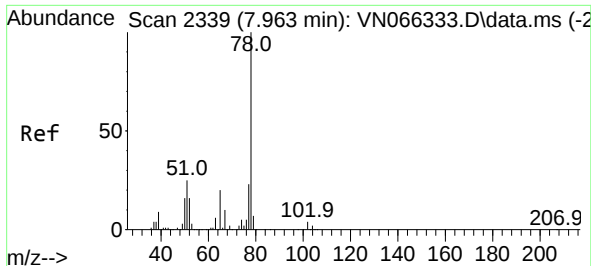
Delta R.T. -0.000 min

Lab File: VN066423.D

Acq: 30 Mar 2021 16:31

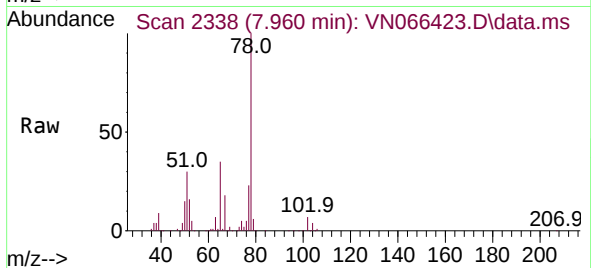
Tgt Ion:	113	Resp:	228796
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.8	122.8
192	21.1	17.1	25.7





#40
Benzene
Concen: 30.45 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

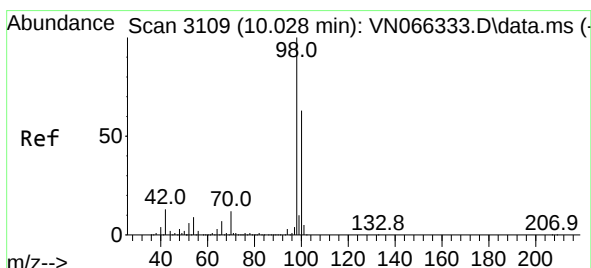
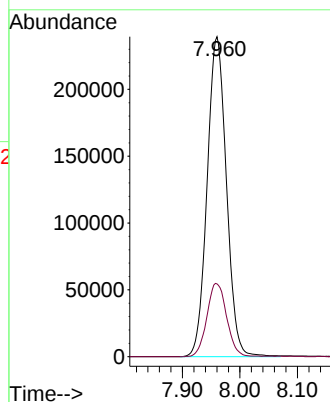
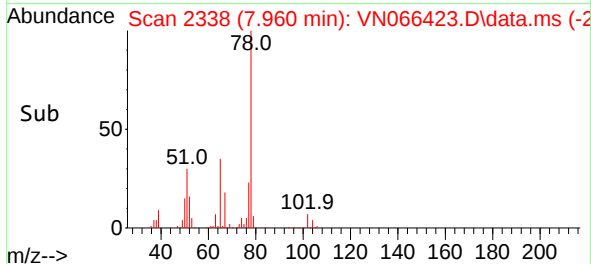
Instrument :
MSVOA_N
ClientSampleId :
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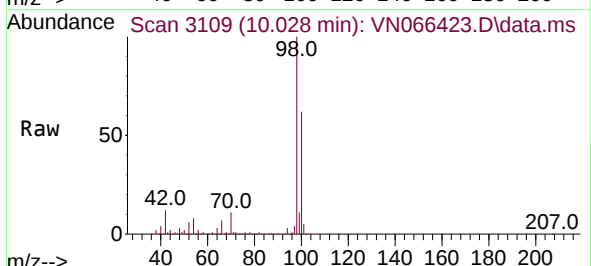
Tgt Ion: 78 Resp: 557729
Ion Ratio Lower Upper
78 100
77 22.7 18.7 28.1

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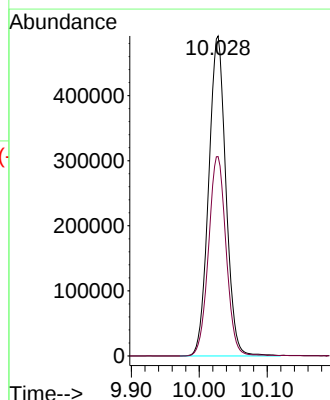
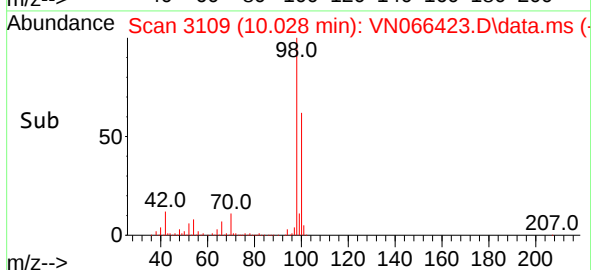
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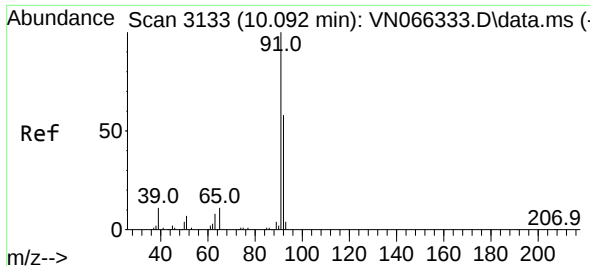


#50
Toluene-d8
Concen: 53.37 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31



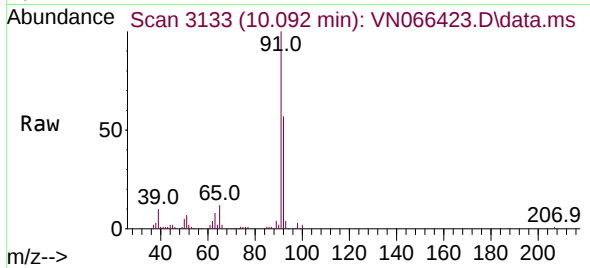
Tgt Ion: 98 Resp: 866273
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7





#52
Toluene
Concen: 7.22 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

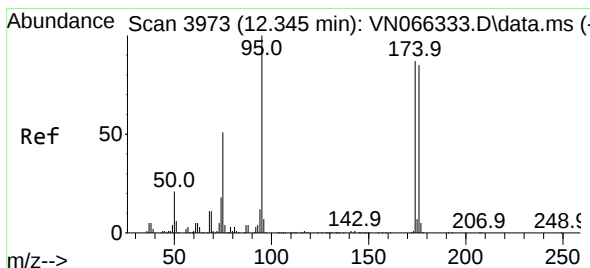
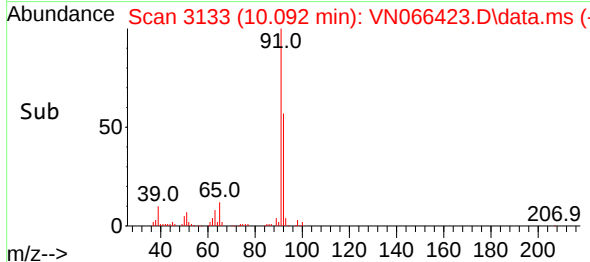
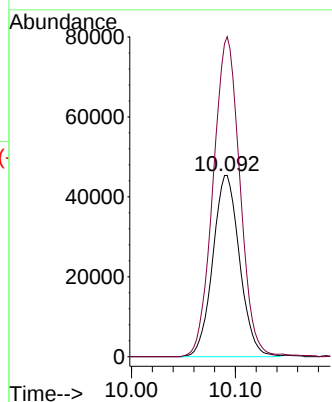
Instrument :
MSVOA_N
ClientSampled :
ASR7DL



Tgt Ion: 92 Resp: 81164
Ion Ratio Lower Upper
92 100
91 177.7 138.8 208.2

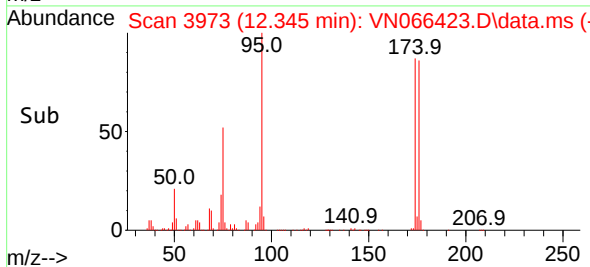
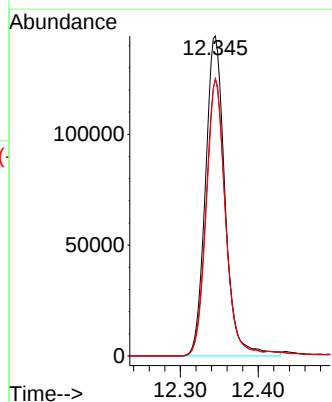
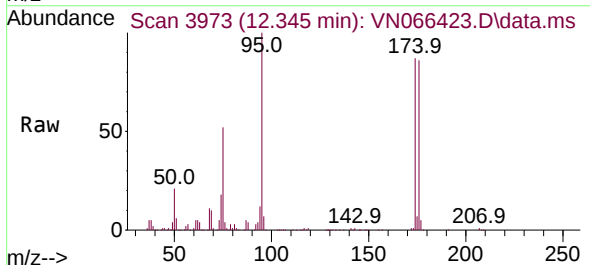
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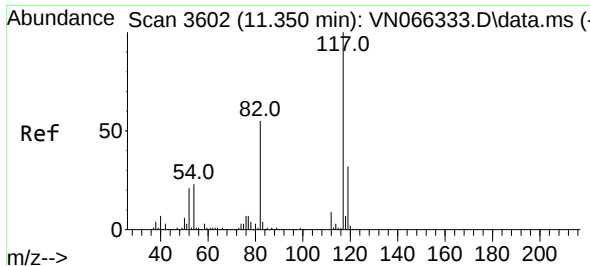
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#62
4-Bromofluorobenzene
Concen: 44.90 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

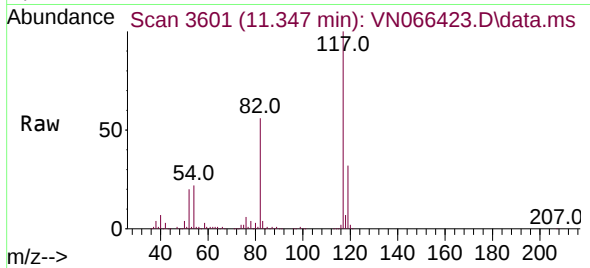
Tgt Ion: 95 Resp: 253154
Ion Ratio Lower Upper
95 100
174 86.0 0.0 172.2
176 83.9 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

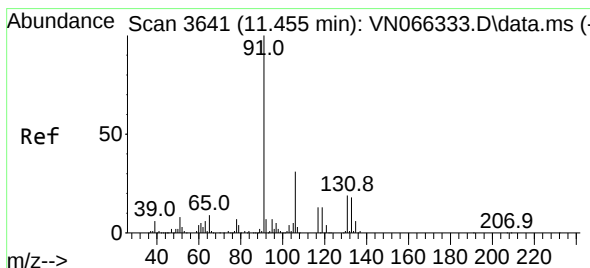
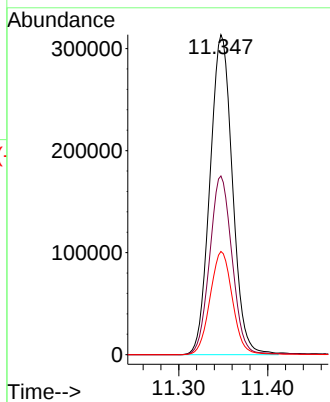
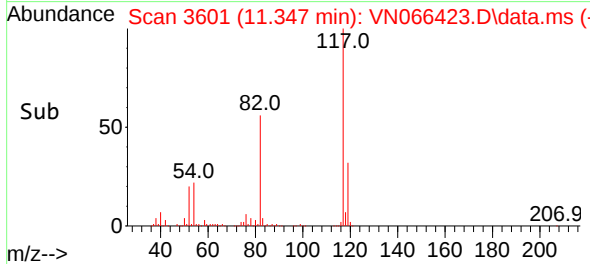
Instrument :
MSVOA_N
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ASR7DL



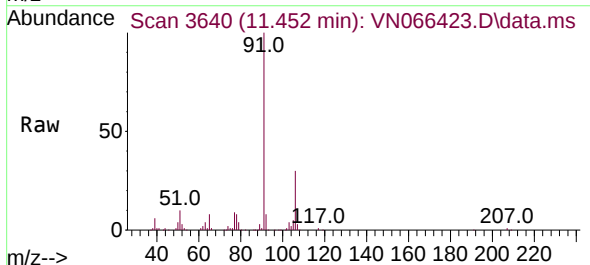
Tgt Ion:117 Resp: 549975
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.4
119 32.2 25.8 38.6

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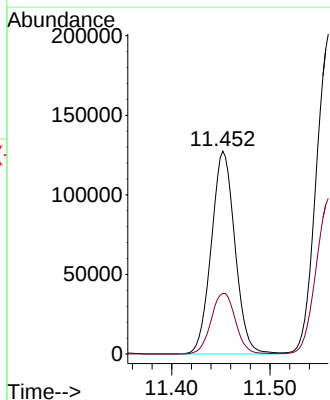
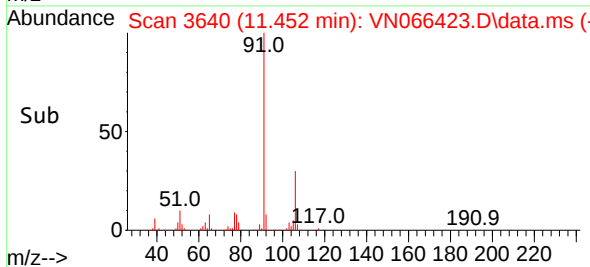
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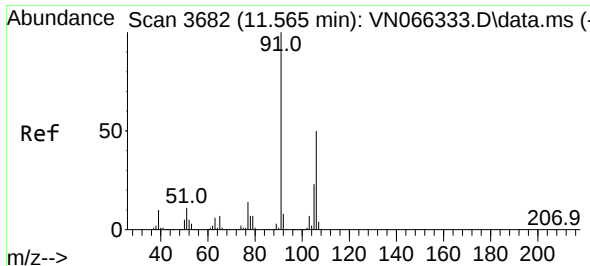


#67
Ethyl Benzene
Concen: 10.68 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31



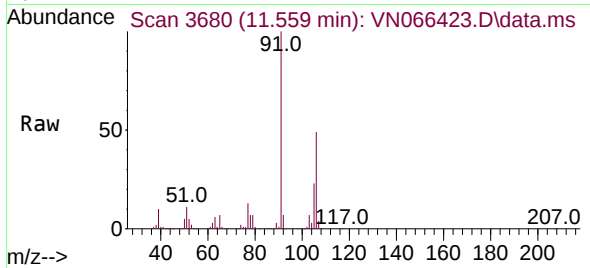
Tgt Ion: 91 Resp: 212575
Ion Ratio Lower Upper
91 100
106 29.9 24.7 37.1





#68
m/p-Xylenes
Concen: 24.68 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.005 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

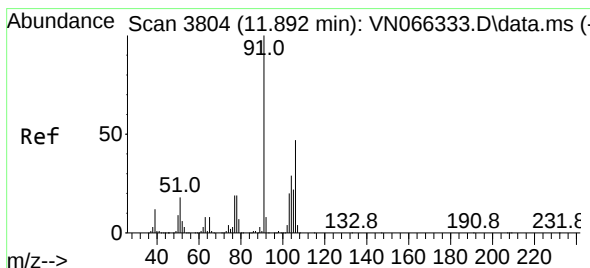
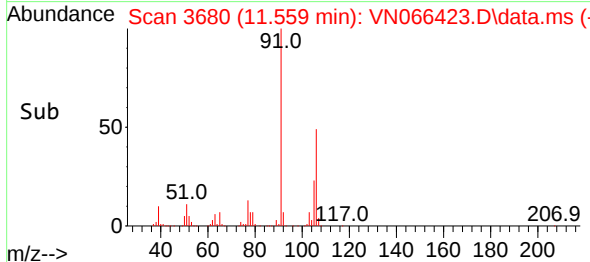
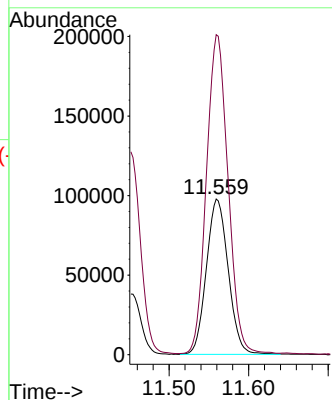
Instrument :
MSVOA_N
ClientSampled :
ASR7DL



Tgt Ion:106 Resp: 186660
Ion Ratio Lower Upper
106 100
91 202.9 162.7 244.1

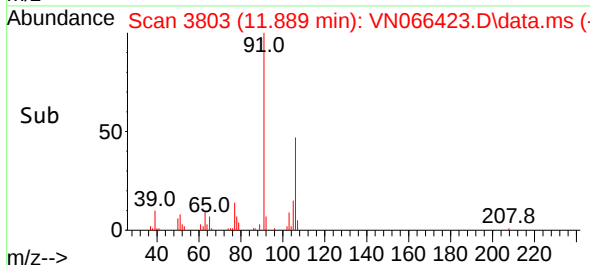
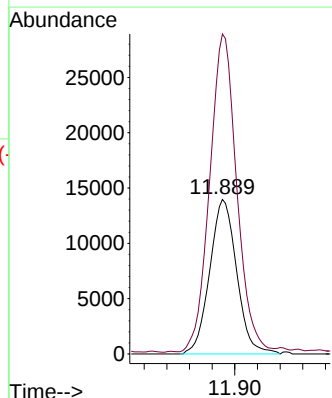
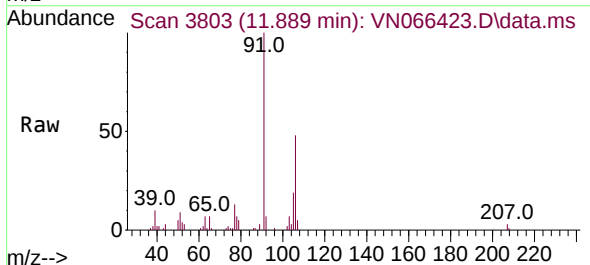
Manual Integrations
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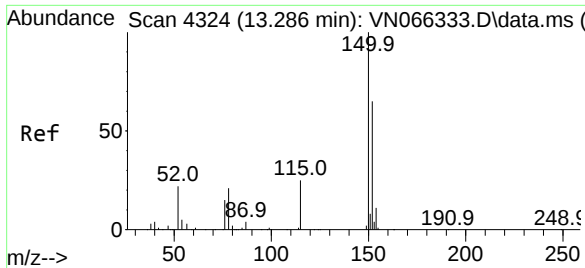
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#69
o-Xylene
Concen: 3.16 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

Tgt Ion:106 Resp: 23056
Ion Ratio Lower Upper
106 100
91 205.9 107.1 321.4





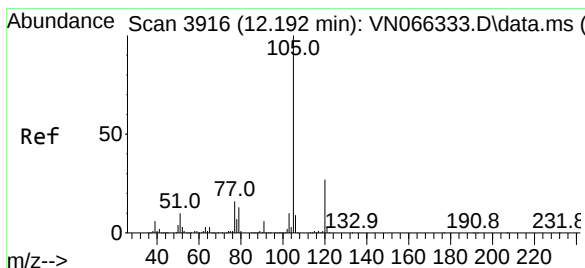
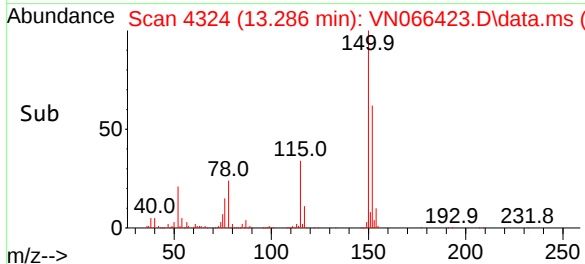
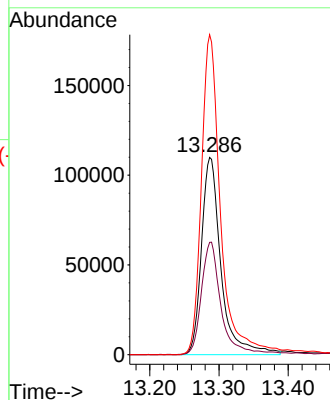
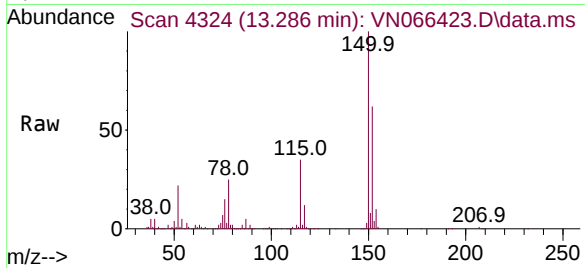
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

Tgt Ion:152 Resp: 215767
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.4
150 159.2 0.0 348.4

Instrument :
MSVOA_N
ClientSampleId :
ASR7DL

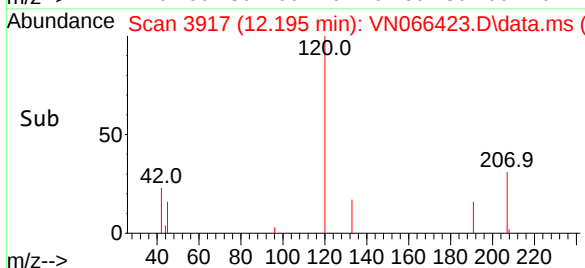
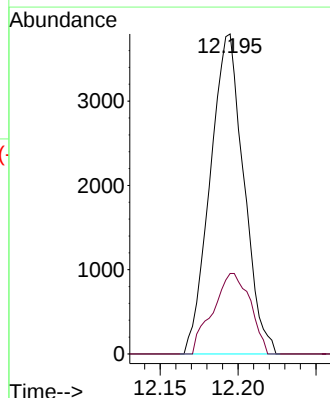
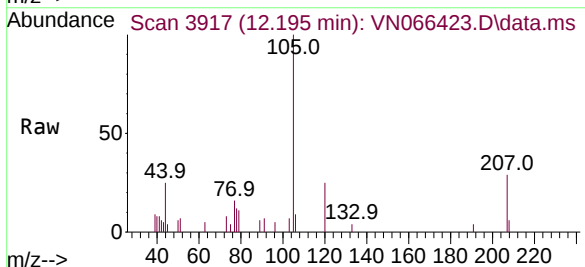
Manual Integrations
APPROVED

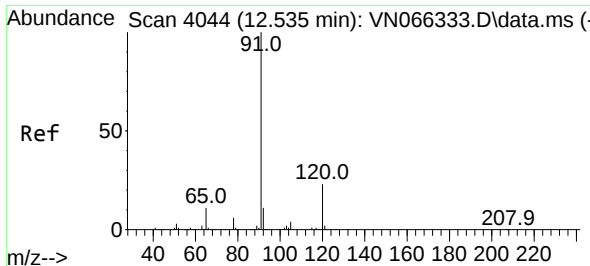
MMDadoda
3/31/2021 1:36:58 PM



#73
Isopropylbenzene
Concen: 0.35 ug/l
RT: 12.195 min Scan# 3917
Delta R.T. 0.003 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

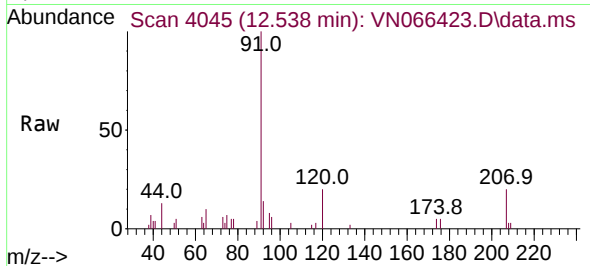
Tgt Ion:105 Resp: 5682
Ion Ratio Lower Upper
105 100
120 28.0 13.3 39.8





#78
n-propylbenzene
Concen: 0.75 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

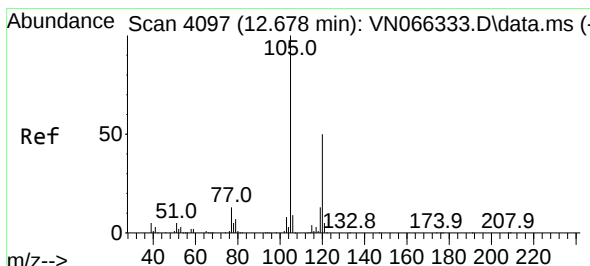
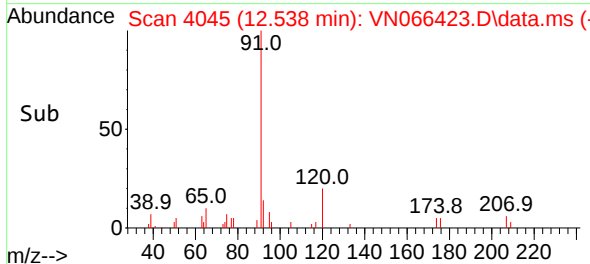
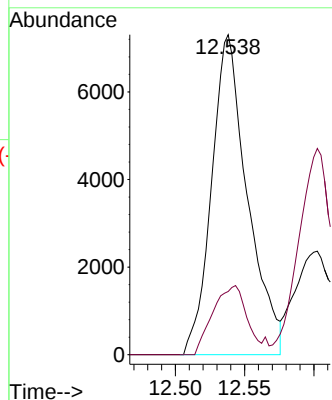
Instrument :
MSVOA_N
ClientSampled :
ASR7DL



Tgt Ion: 91 Resp: 13148
Ion Ratio Lower Upper
91 100
120 21.2 11.7 35.1

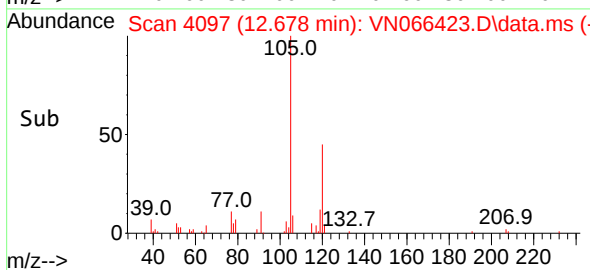
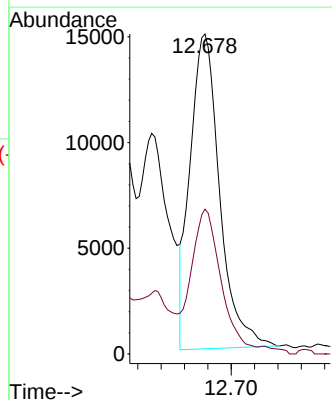
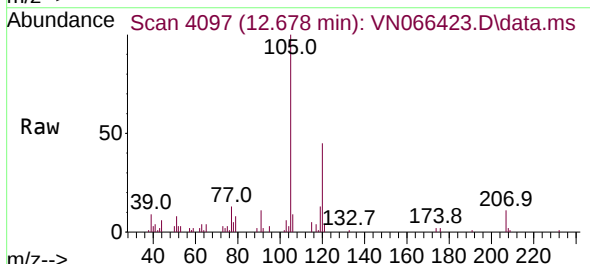
Manual Integrations
APPROVED

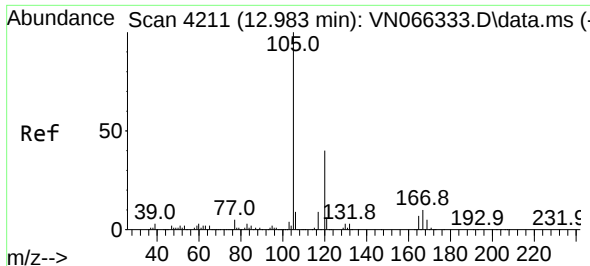
MMDadoda
3/31/2021 1:36:58 PM



#80
1,3,5-Trimethylbenzene
Concen: 1.99 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

Tgt Ion: 105 Resp: 26114
Ion Ratio Lower Upper
105 100
120 41.6 24.5 73.5





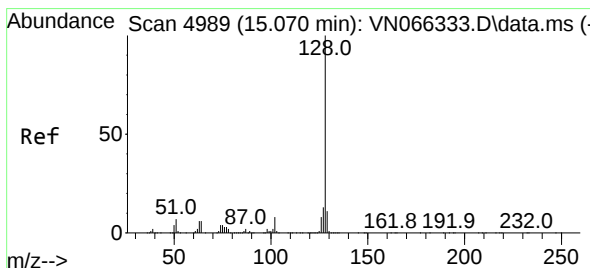
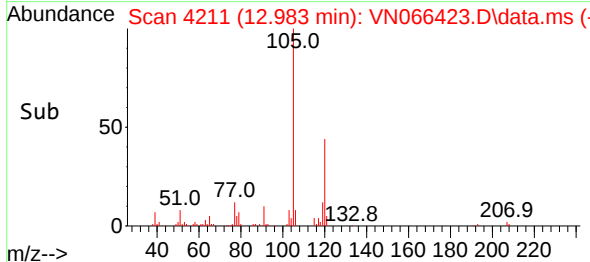
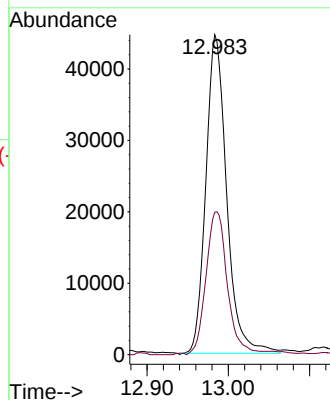
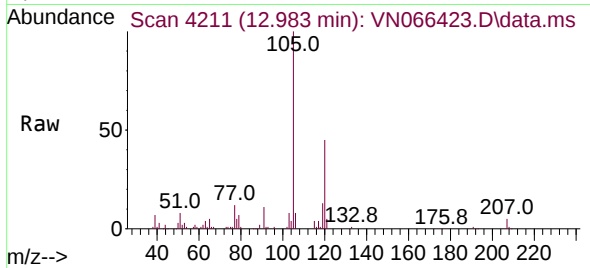
#84
1,2,4-Trimethylbenzene
Concen: 6.22 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

Tgt Ion:105 Resp: 79317
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2

Instrument :
MSVOA_N
ClientSampled :
ASR7DL

Manual Integrations
APPROVED

MMDadoda
3/31/2021 1:36:58 PM



#95
Naphthalene
Concen: 3.66 ug/l
RT: 15.078 min Scan# 4992
Delta R.T. 0.008 min
Lab File: VN066423.D
Acq: 30 Mar 2021 16:31

Tgt Ion:128 Resp: 32310
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 9.8 8.5 12.7

