

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066453.D
 Acq On : 1 Apr 2021 14:14
 Operator : JC/MD
 Sample : M1883-01ME
 Misc : 5.35g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IEC-R2ME

Manual Integrations
 APPROVED

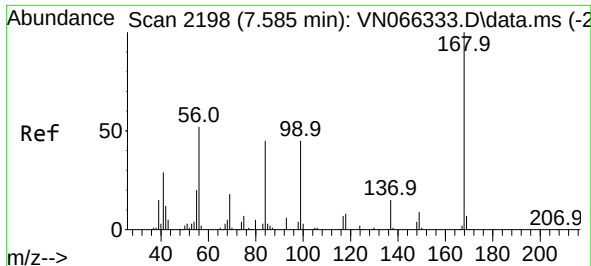
SAM
 4/5/2021 6:03:15 PM

Quant Time: Apr 02 04:50:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

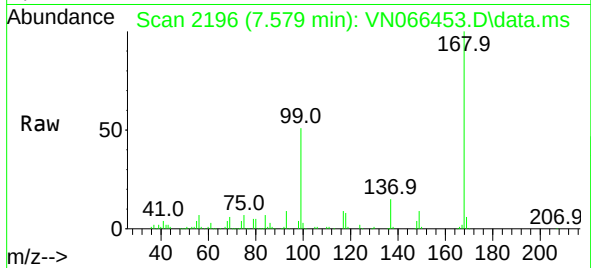
Internal Standards						
1) Pentafluorobenzene	7.579	168	357292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	545483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	510857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	265818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	229481	48.31	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.62%		
35) Dibromofluoromethane	7.501	113	175706	48.59	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.18%		
50) Toluene-d8	10.025	98	709195	51.71	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.42%		
62) 4-Bromofluorobenzene	12.345	95	245197	51.47	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.94%		
Target Compounds					Qvalue	
16) Acetone	3.739	43	19745	7.69	ug/l	93
27) cis-1,2-Dichloroethene	6.721	96	22560	5.21	ug/l	87
31) Cyclohexane	7.552	56	62188	9.46	ug/l #	82
39) Methylcyclohexane	9.006	83	164261	26.29	ug/l	96
40) Benzene	7.955	78	31129	2.01	ug/l	97
52) Toluene	10.089	92	177097	18.64	ug/l	100
64) Tetrachloroethene	10.570	164	15136	3.48	ug/l	96
67) Ethyl Benzene	11.452	91	281143	15.21	ug/l	99
68) m/p-Xylenes	11.559	106	881165	125.44	ug/l	99
69) o-Xylene	11.889	106	418166	61.70	ug/l	100
73) Isopropylbenzene	12.192	105	65526	3.31	ug/l	99
78) n-propylbenzene	12.535	91	271427	12.63	ug/l	98
80) 1,3,5-Trimethylbenzene	12.678	105	1186303	73.35	ug/l	100
83) tert-Butylbenzene	12.938	119	15728	1.13	ug/l #	39
84) 1,2,4-Trimethylbenzene	12.983	105	2952922	187.93	ug/l	100
85) sec-Butylbenzene	13.115	105	92561	5.13	ug/l #	63
86) p-Isopropyltoluene	13.233	119	155622	9.63	ug/l	98
89) n-Butylbenzene	13.557	91	179833m	13.47	ug/l	
95) Naphthalene	15.260	128	2966473	195.93	ug/l	100

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



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

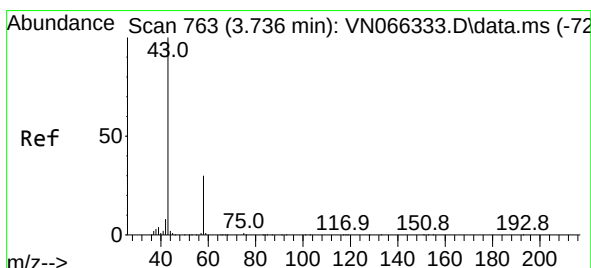
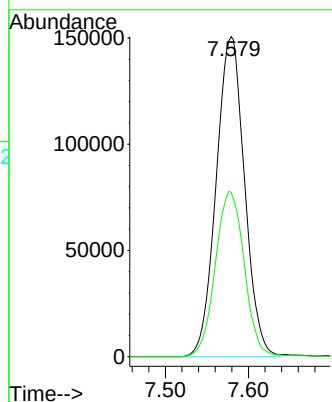
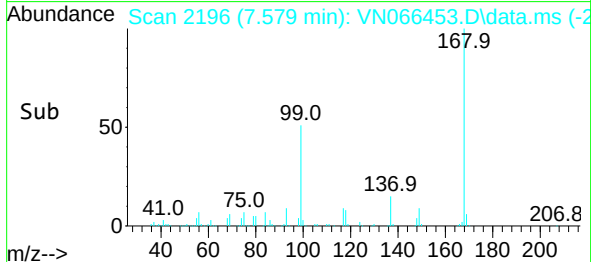
Instrument :
MSVOA_N
ClientSampleId :
IEC-R2ME



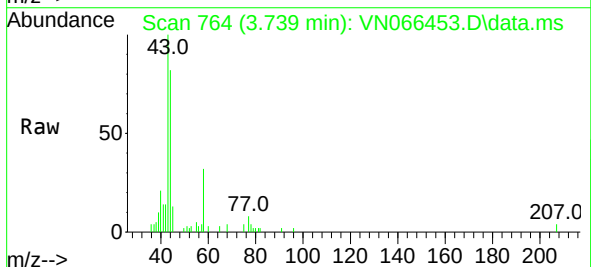
Tgt Ion:168 Resp: 357292
Ion Ratio Lower Upper
168 100
99 51.3 41.1 61.7

Manual Integrations
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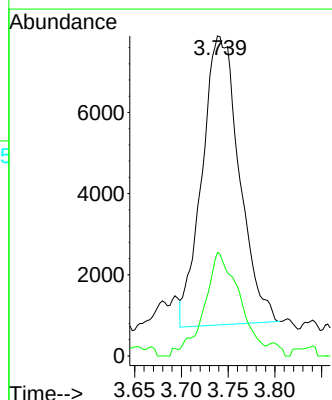
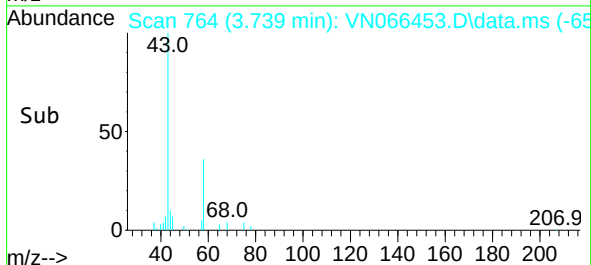
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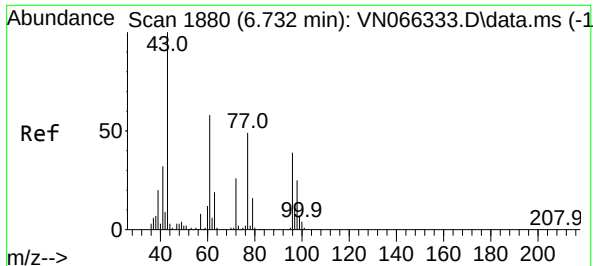


#16
Acetone
Concen: 7.69 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.005 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14



Tgt Ion: 43 Resp: 19745
Ion Ratio Lower Upper
43 100
58 33.8 23.8 35.8

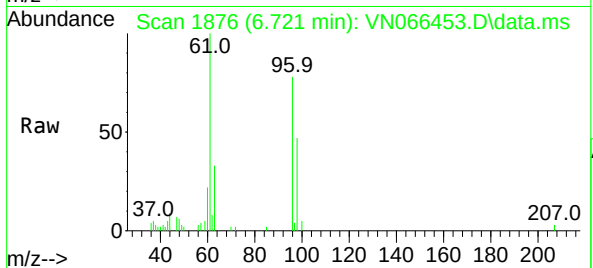




#27

cis-1,2-Dichloroethene
Concen: 5.21 ug/l
RT: 6.721 min Scan# 1876
Delta R.T. -0.003 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

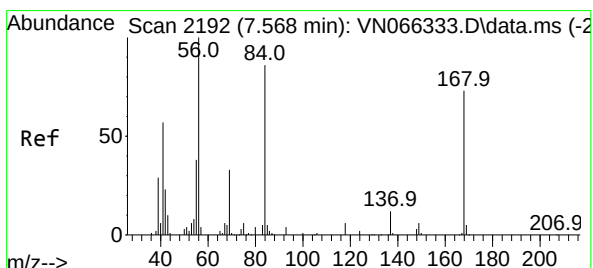
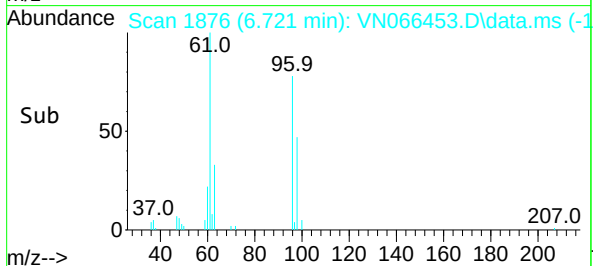
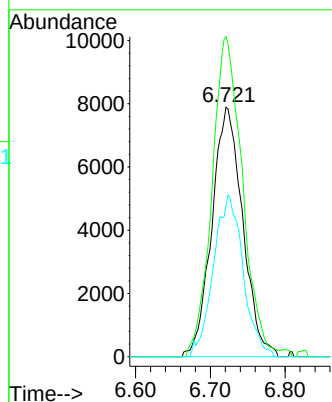
Instrument :
MSVOA_N
ClientSampleId :
IEC-R2ME



Tgt Ion:	96	Resp:	22560
Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	296.2
98	62.5	0.0	129.2

Manual Integrations
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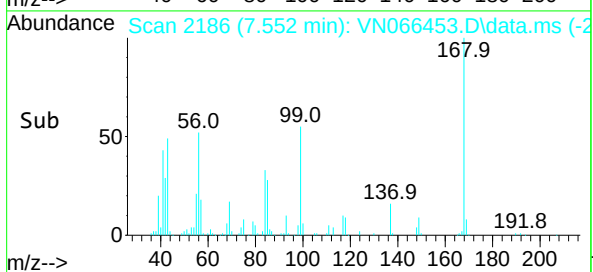
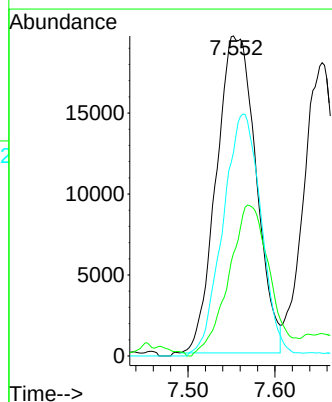
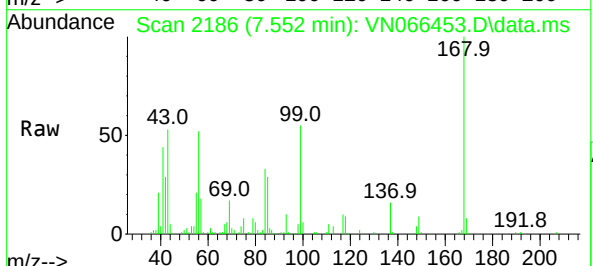
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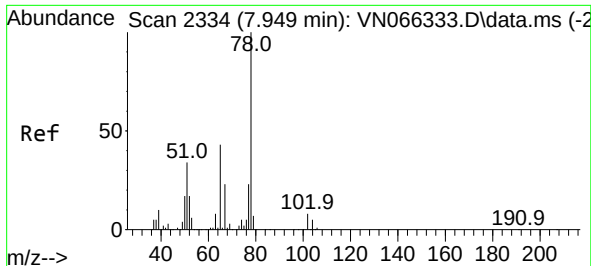


#31

Cyclohexane
Concen: 9.46 ug/l
RT: 7.552 min Scan# 2186
Delta R.T. -0.013 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

Tgt Ion:	56	Resp:	62188
Ion	Ratio	Lower	Upper
56	100		
69	31.1	26.6	40.0
84	64.2	68.7	103.1#





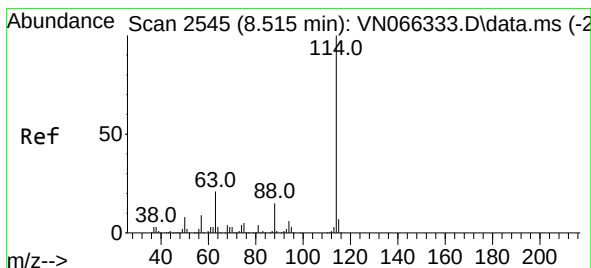
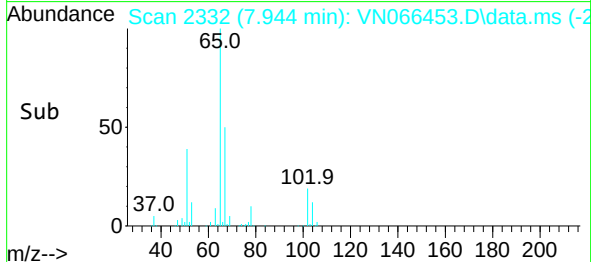
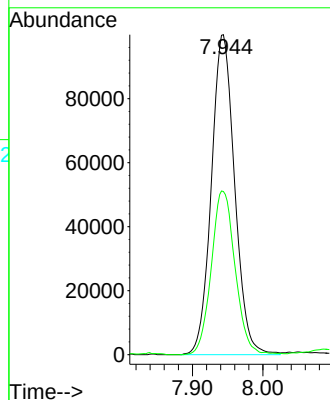
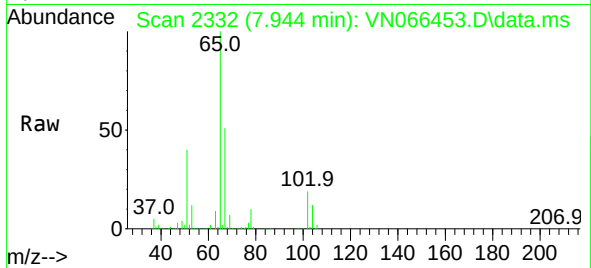
#33
 1,2-Dichloroethane-d4
 Concen: 48.31 ug/l
 RT: 7.944 min Scan# 2332
 Delta R.T. -0.000 min
 Lab File: VN066453.D
 Acq: 1 Apr 2021 14:14

Tgt Ion: 65 Resp: 229481
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.2

Instrument :
 MSVOA_N
 ClientSampleId :
 IEC-R2ME

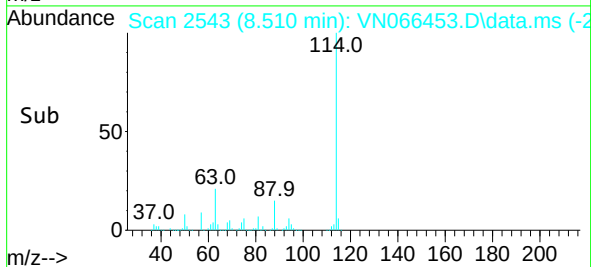
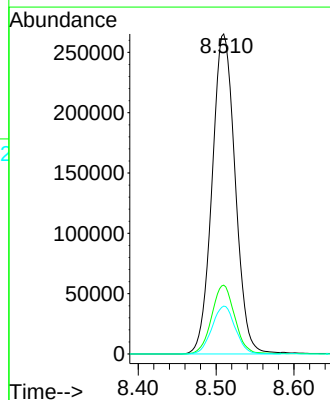
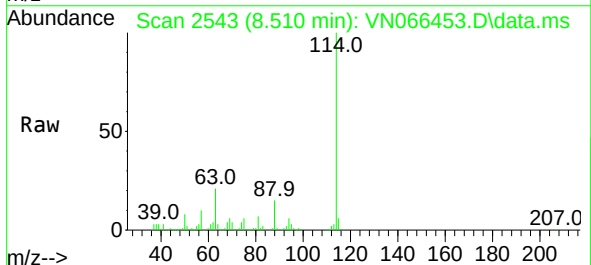
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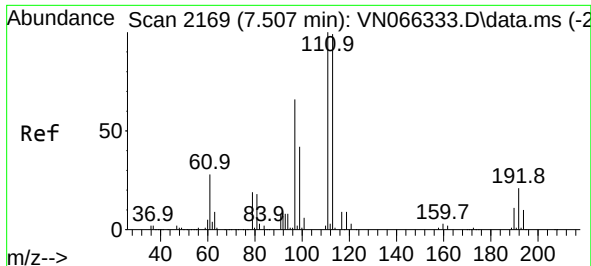
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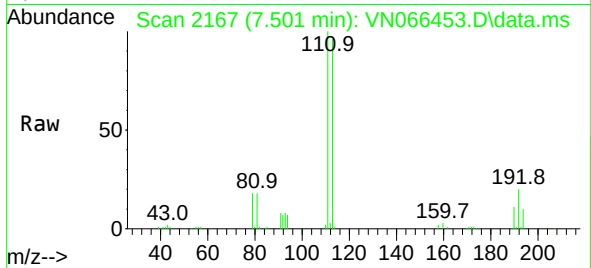
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.510 min Scan# 2543
 Delta R.T. -0.000 min
 Lab File: VN066453.D
 Acq: 1 Apr 2021 14:14

Tgt Ion: 114 Resp: 545483
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.0
 88 15.0 0.0 31.0

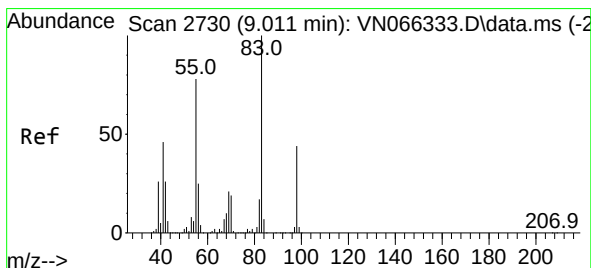
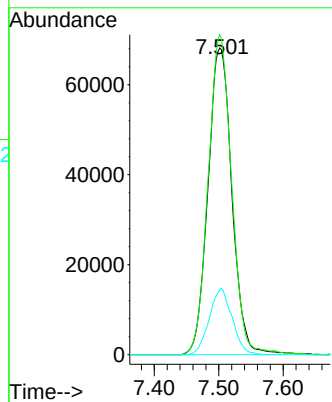
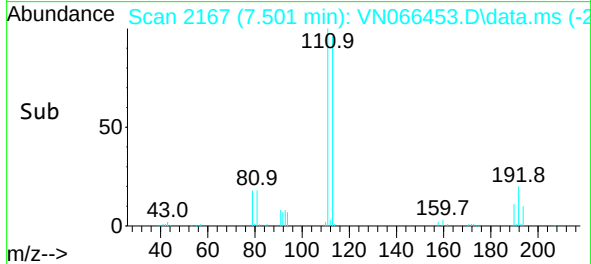




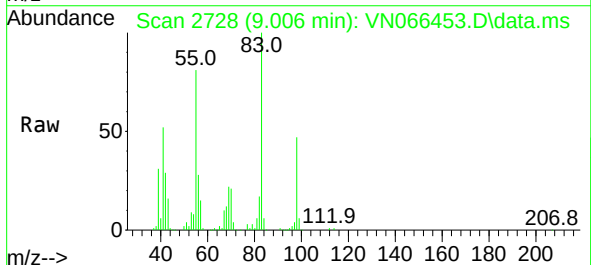
#35
Dibromofluoromethane
Concen: 48.59 ug/l
RT: 7.501 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14



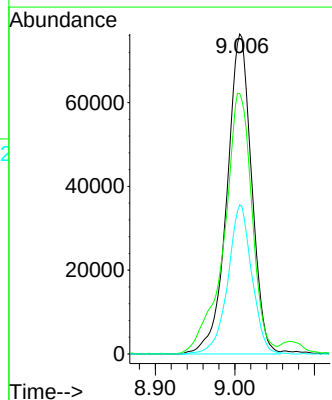
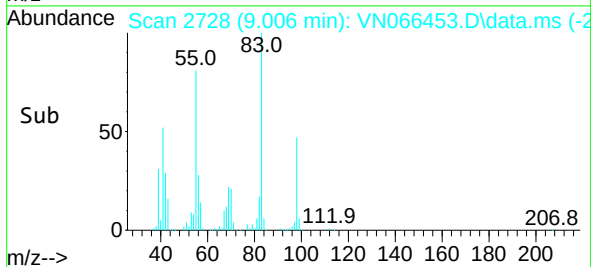
Tgt Ion: 113 Resp: 175706
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 20.6 17.1 25.7



#39
Methylcyclohexane
Concen: 26.29 ug/l
RT: 9.006 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14



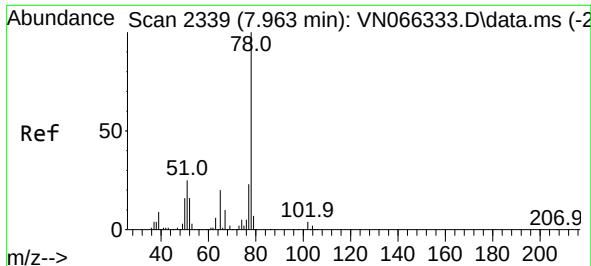
Tgt Ion: 83 Resp: 164261
Ion Ratio Lower Upper
83 100
55 81.2 62.3 93.5
98 46.6 35.6 53.4



Instrument :
MSVOA_N
ClientSampleId :
IEC-R2ME

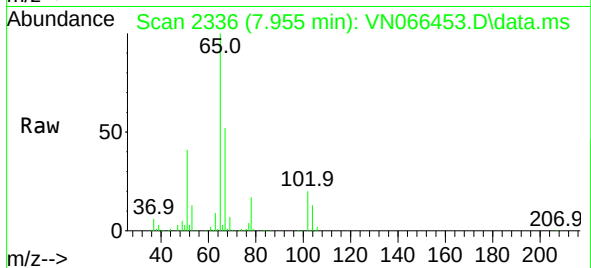
Manual Integrations
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4/5/2021 6:03:15 PM



#40
Benzene
Concen: 2.01 ug/l
RT: 7.955 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

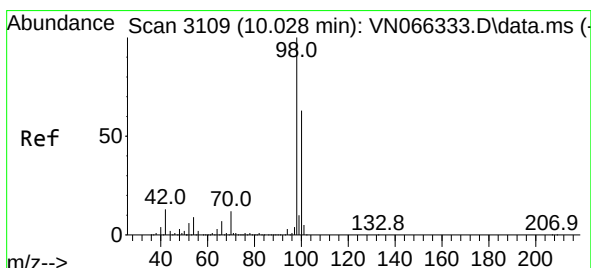
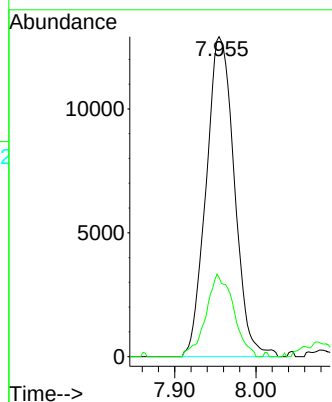
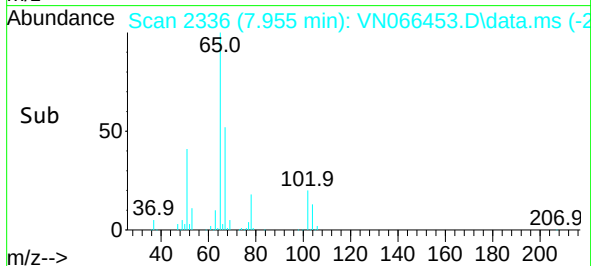
Instrument :
MSVOA_N
ClientSampleId :
IEC-R2ME



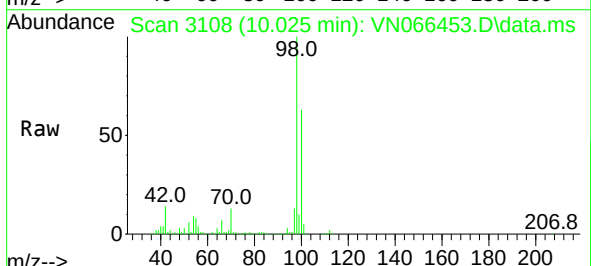
Tgt Ion: 78 Resp: 31129
Ion Ratio Lower Upper
78 100
77 24.7 18.7 28.1

Manual Integrations
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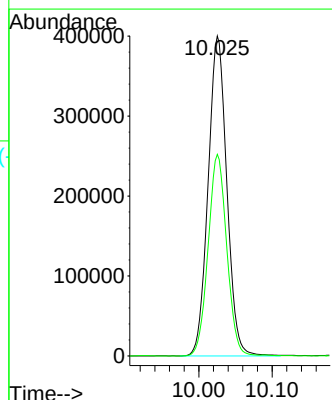
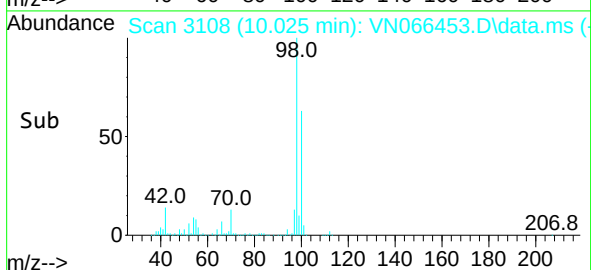
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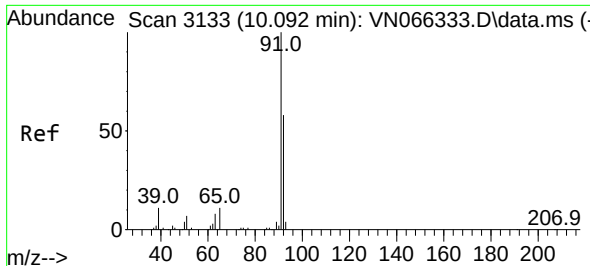


#50
Toluene-d8
Concen: 51.71 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

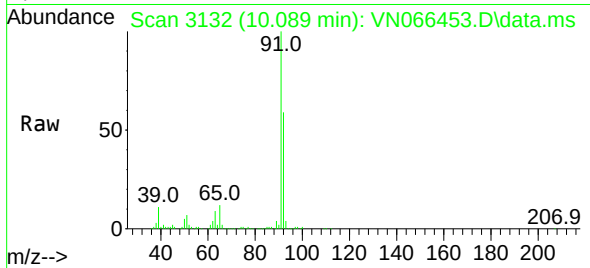


Tgt Ion: 98 Resp: 709195
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

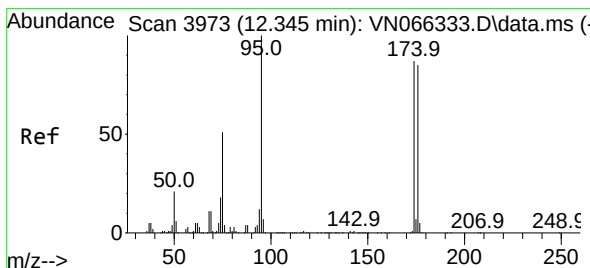
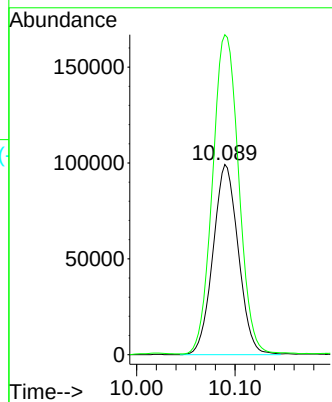
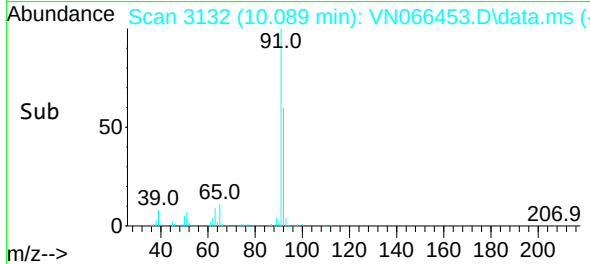




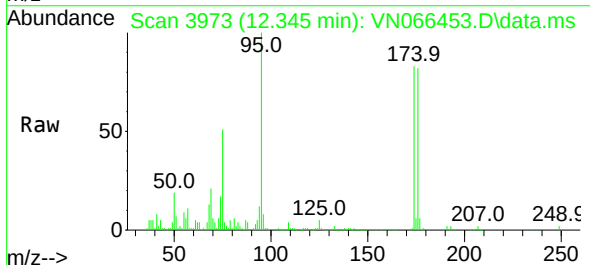
#52
Toluene
Concen: 18.64 ug/l
RT: 10.089 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14



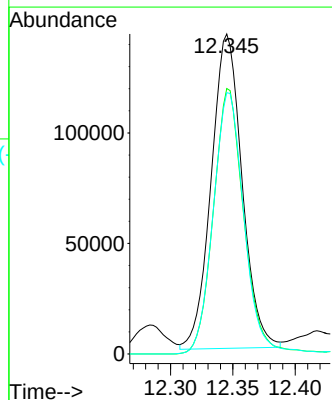
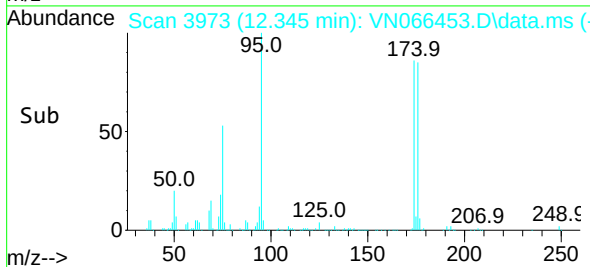
Tgt Ion: 92 Resp: 177097
Ion Ratio Lower Upper
92 100
91 173.9 138.8 208.2



#62
4-Bromofluorobenzene
Concen: 51.47 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14



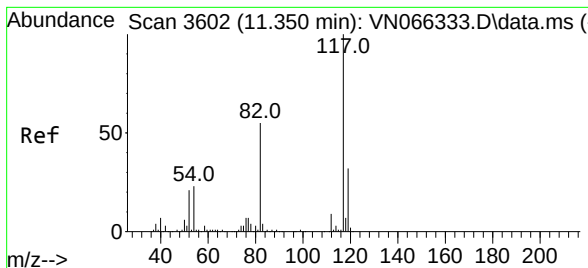
Tgt Ion: 95 Resp: 245197
Ion Ratio Lower Upper
95 100
174 83.6 0.0 172.2
176 83.1 0.0 167.8



Instrument :
MSVOA_N
ClientSampleId :
IEC-R2ME

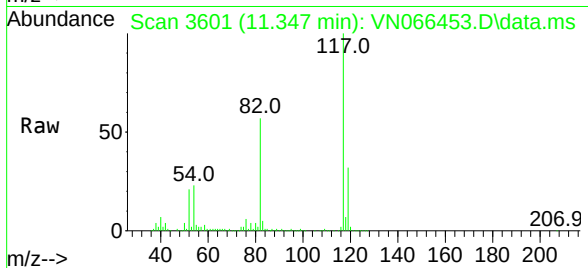
Manual Integrations
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4/5/2021 6:03:15 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

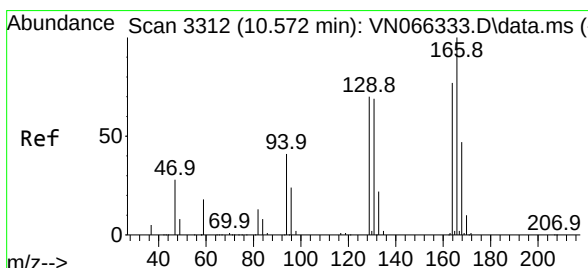
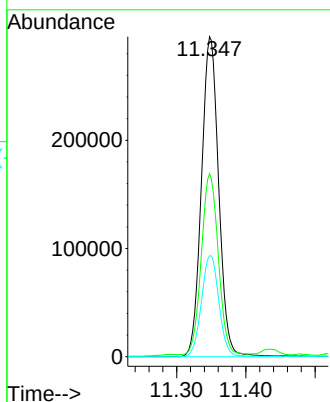
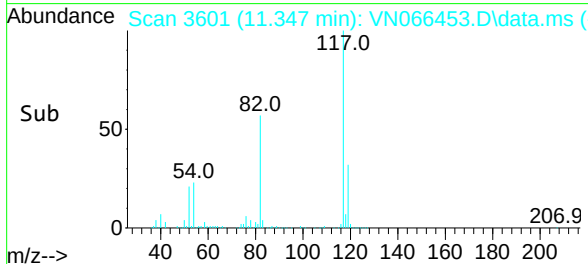
Instrument :
MSVOA_N
ClientSampleId :
IEC-R2ME



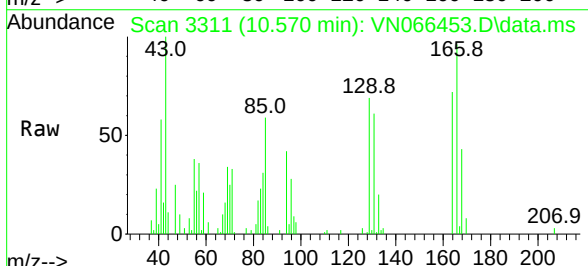
Tgt Ion:117 Resp: 510857
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.4
119 31.6 25.8 38.6

Manual Integrations
APPROVED

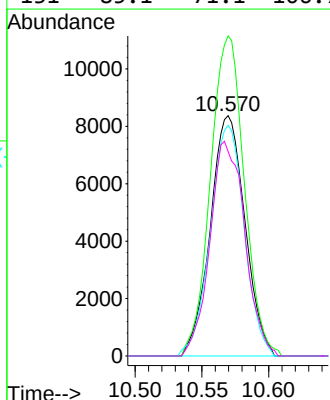
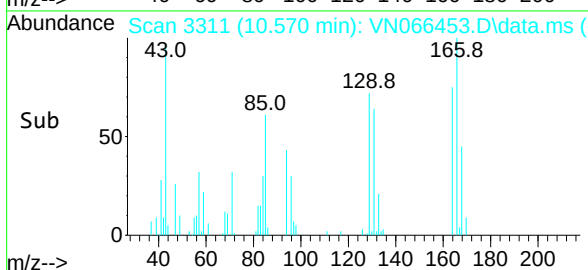
SAM
4/5/2021 6:03:15 PM

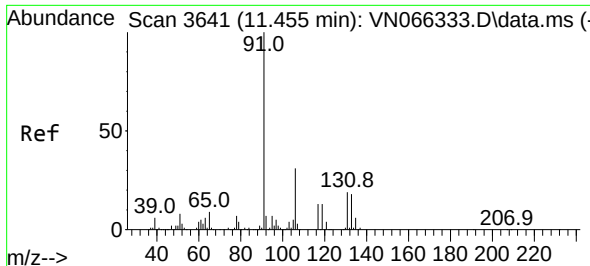


#64
Tetrachloroethene
Concen: 3.48 ug/l
RT: 10.570 min Scan# 3311
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14



Tgt Ion:164 Resp: 15136
Ion Ratio Lower Upper
164 100
166 133.1 103.3 154.9
129 95.9 72.5 108.7
131 85.1 71.1 106.7





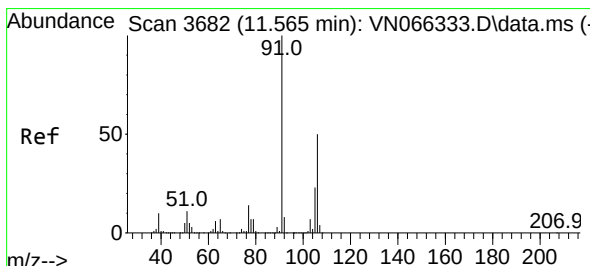
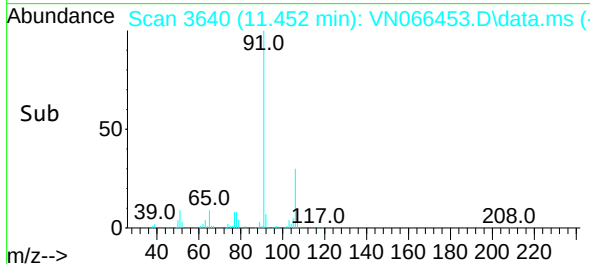
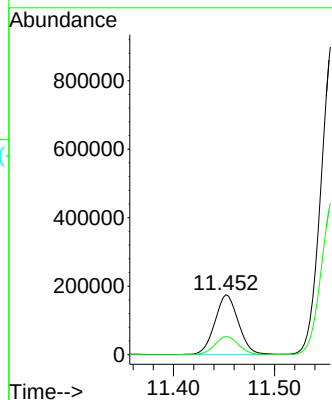
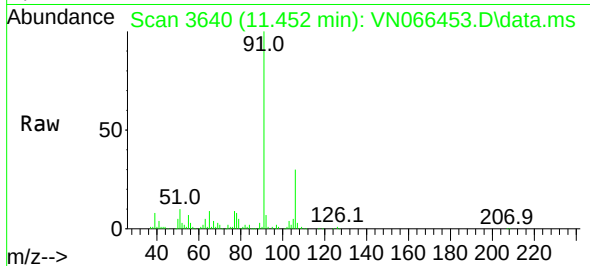
#67
Ethyl Benzene
Concen: 15.21 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

Tgt Ion: 91 Resp: 281143
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1

Instrument :
MSVOA_N
ClientSampled :
IEC-R2ME

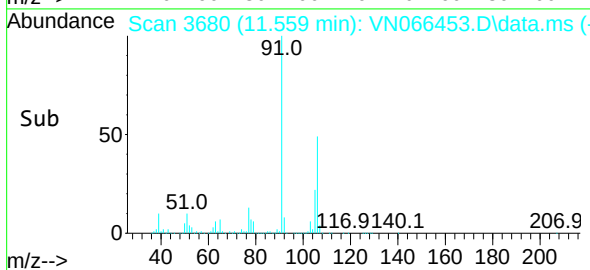
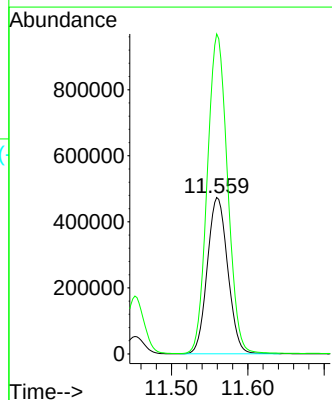
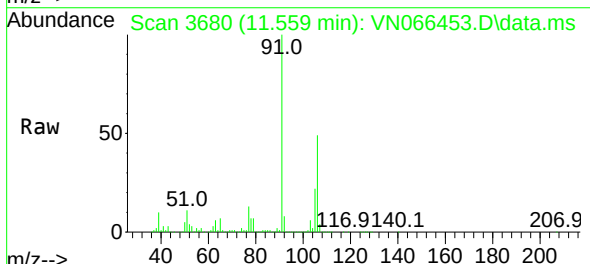
Manual Integrations
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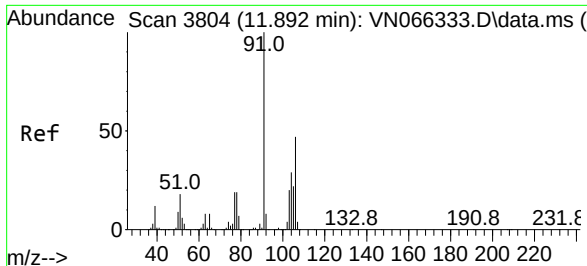
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4/5/2021 6:03:15 PM



#68
m/p-Xylenes
Concen: 125.44 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.003 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

Tgt Ion:106 Resp: 881165
Ion Ratio Lower Upper
106 100
91 202.1 162.7 244.1





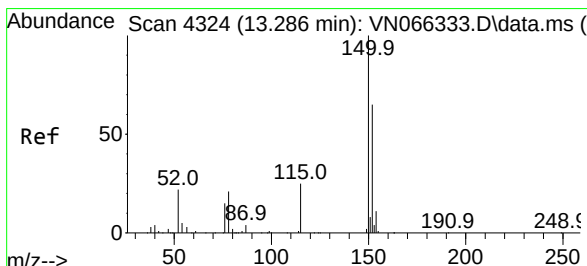
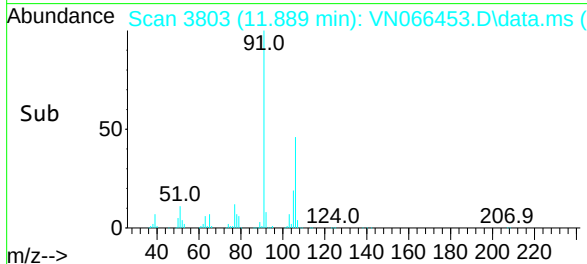
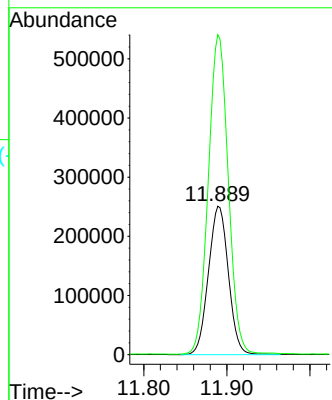
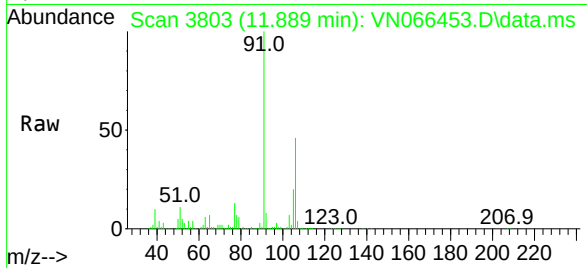
#69
o-Xylene
Concen: 61.70 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

Tgt Ion:106 Resp: 418166
Ion Ratio Lower Upper
106 100
91 214.9 107.1 321.4

Instrument :
MSVOA_N
ClientSampleId :
IEC-R2ME

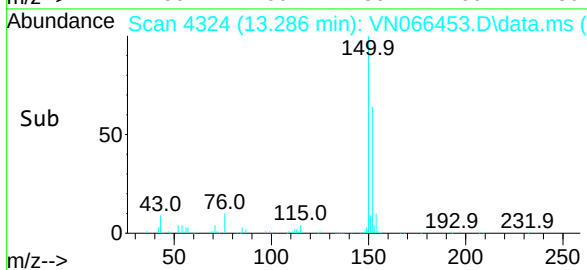
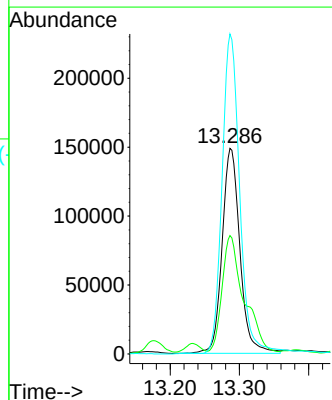
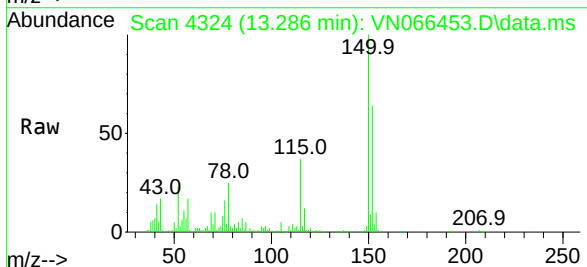
Manual Integrations
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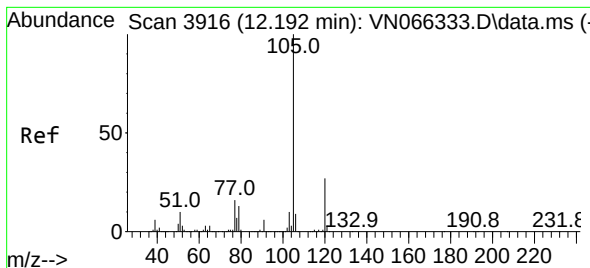
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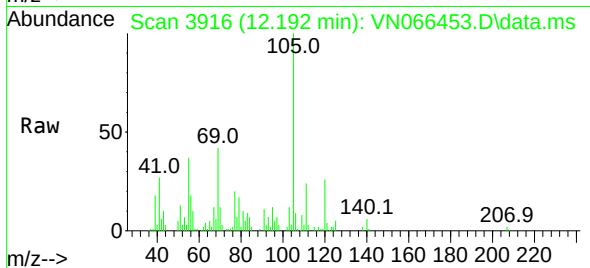
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.003 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

Tgt Ion:152 Resp: 265818
Ion Ratio Lower Upper
152 100
115 70.0 27.8 83.4
150 154.6 0.0 348.4

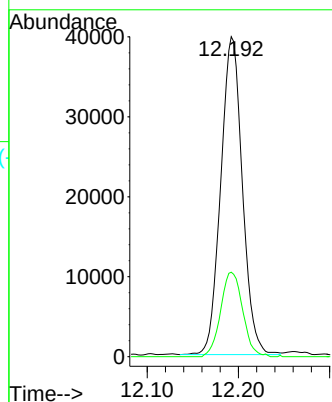
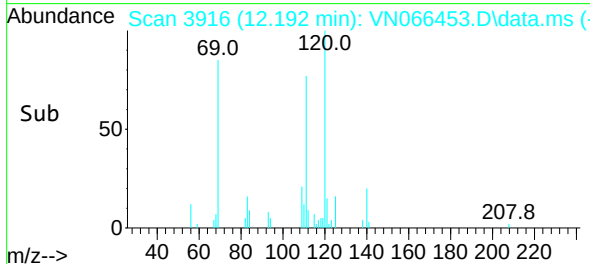




#73
Isopropylbenzene
Concen: 3.31 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14



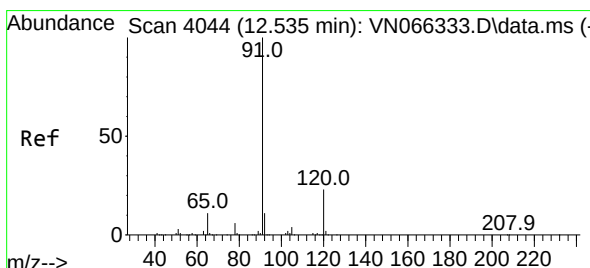
Tgt Ion:105 Resp: 65526
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.8



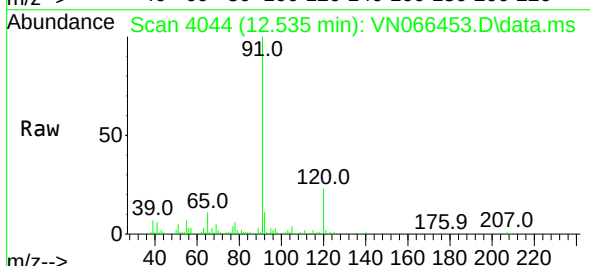
Instrument :
MSVOA_N
ClientSampled :
IEC-R2ME

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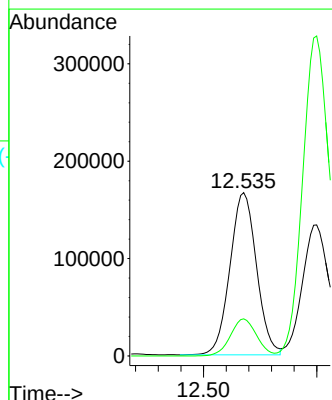
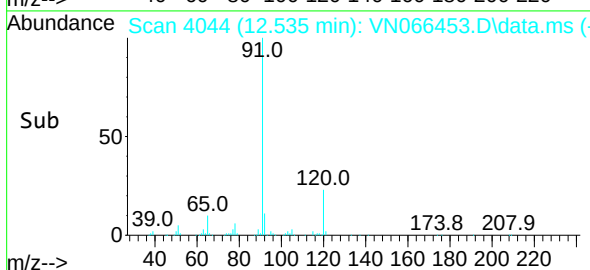
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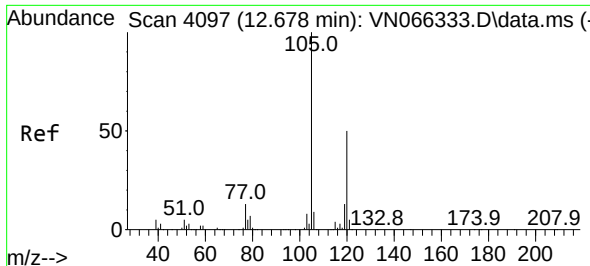


#78
n-propylbenzene
Concen: 12.63 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14



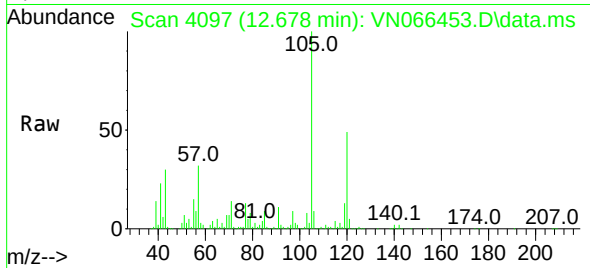
Tgt Ion: 91 Resp: 271427
Ion Ratio Lower Upper
91 100
120 22.6 11.7 35.1





#80
1,3,5-Trimethylbenzene
Concen: 73.35 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.003 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

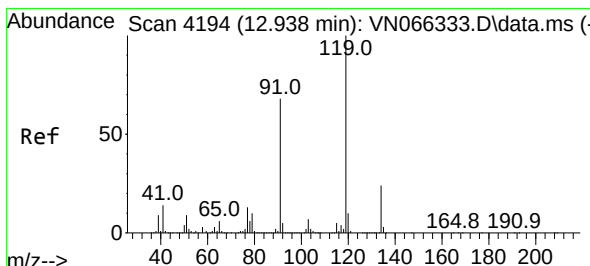
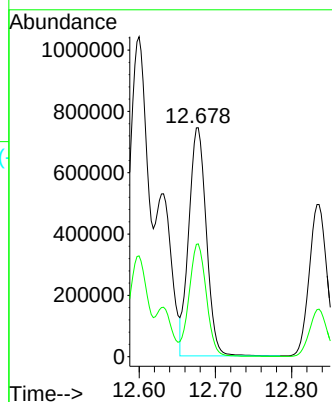
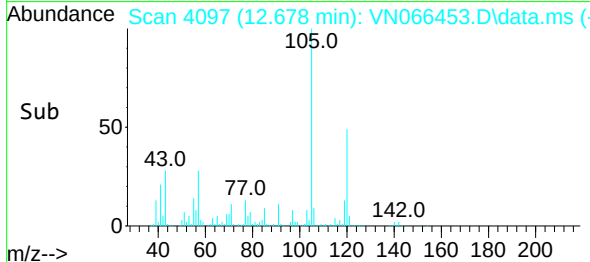
Instrument :
MSVOA_N
ClientSampled :
IEC-R2ME



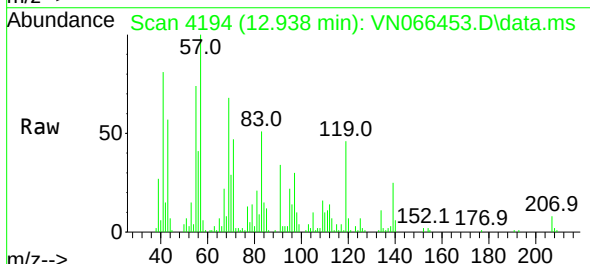
Tgt Ion:105 Resp: 1186303
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

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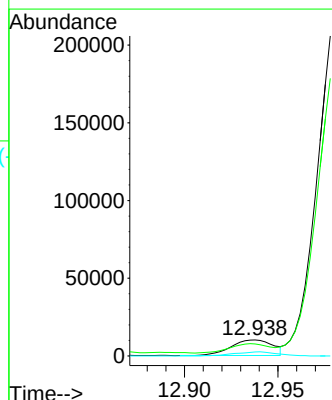
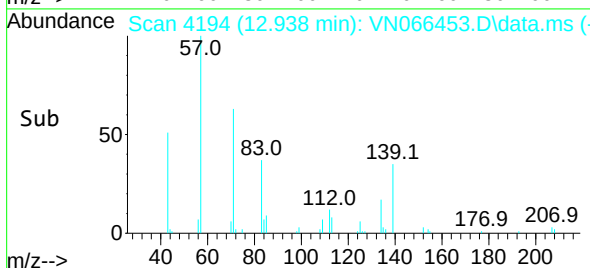
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4/5/2021 6:03:15 PM

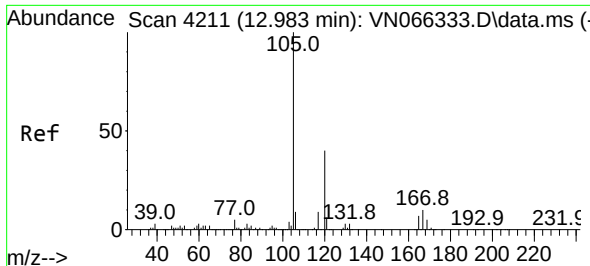


#83
tert-Butylbenzene
Concen: 1.13 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.003 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14



Tgt Ion:119 Resp: 15728
Ion Ratio Lower Upper
119 100
91 0.0 33.3 99.8#
134 26.6 12.9 38.6





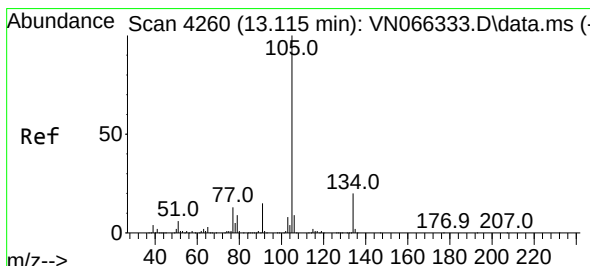
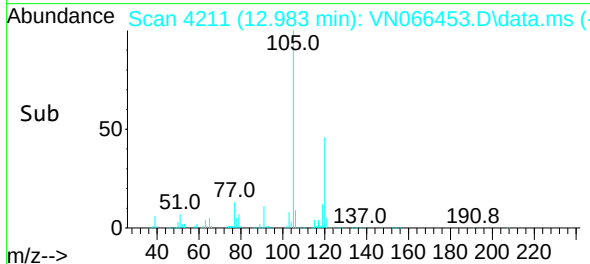
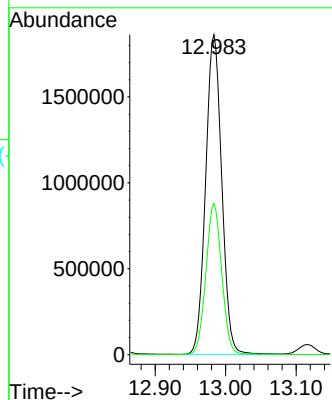
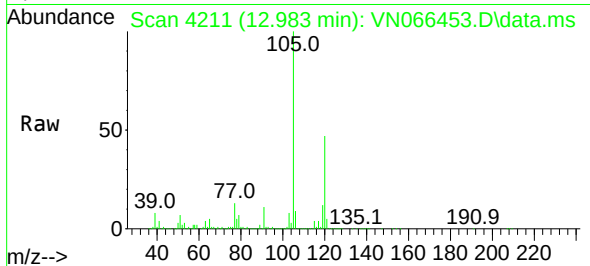
#84
1,2,4-Trimethylbenzene
Concen: 187.93 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

Tgt Ion:105 Resp: 2952922
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2

Instrument :
MSVOA_N
ClientSampleId :
IEC-R2ME

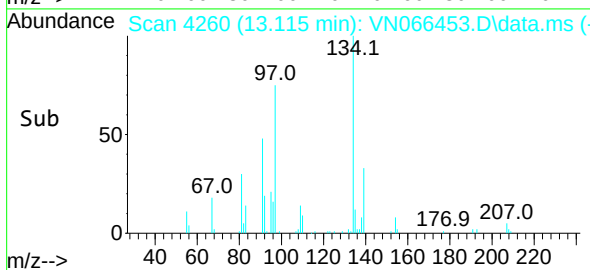
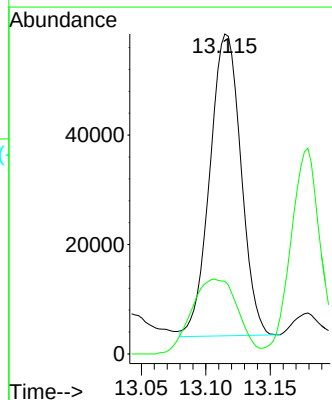
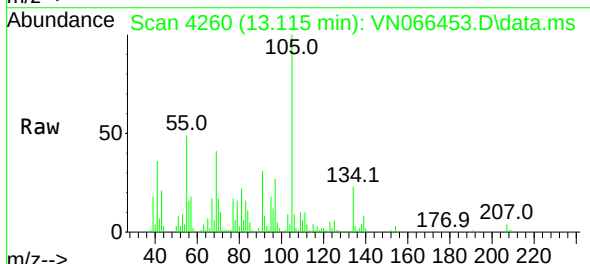
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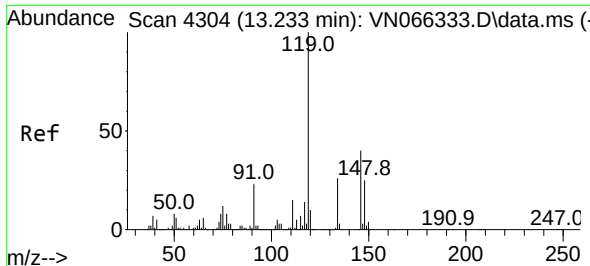
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4/5/2021 6:03:15 PM



#85
sec-Butylbenzene
Concen: 5.13 ug/l
RT: 13.115 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

Tgt Ion:105 Resp: 92561
Ion Ratio Lower Upper
105 100
134 36.8 9.9 29.7#





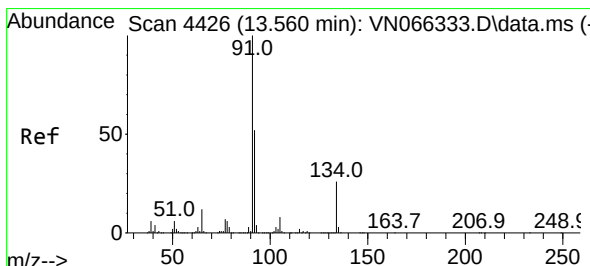
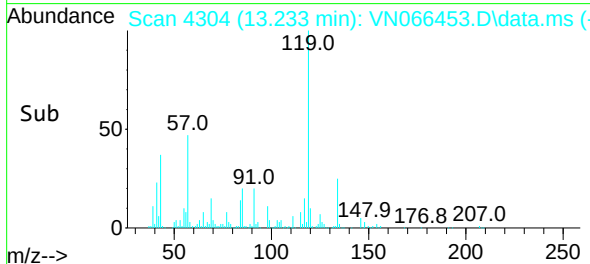
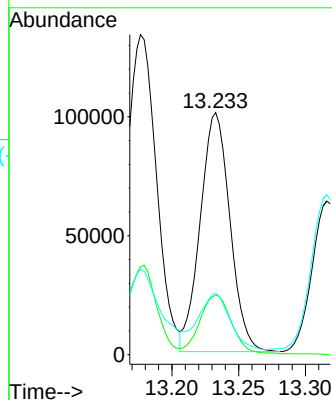
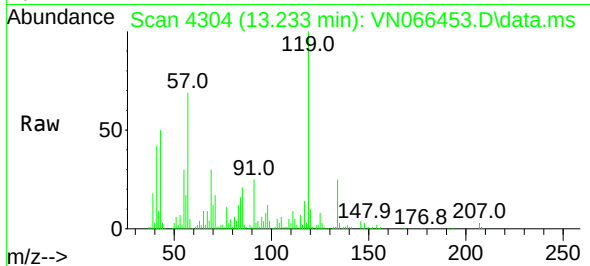
#86
p-Isopropyltoluene
Concen: 9.63 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

Tgt Ion: 119 Resp: 155622
Ion Ratio Lower Upper
119 100
134 26.5 12.9 38.7
91 24.2 11.5 34.5

Instrument :
MSVOA_N
ClientSampleId :
IEC-R2ME

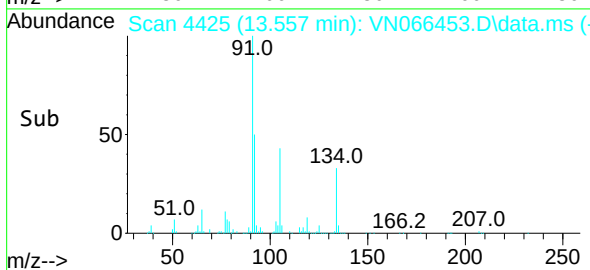
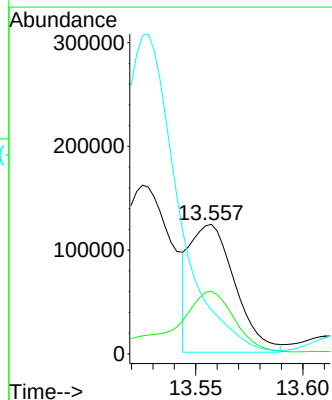
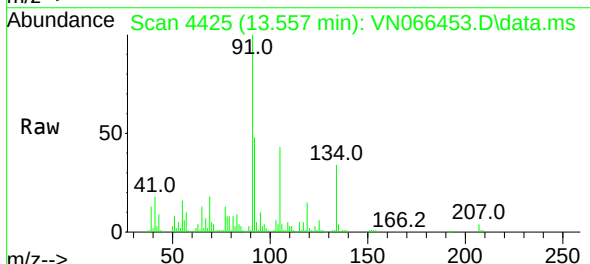
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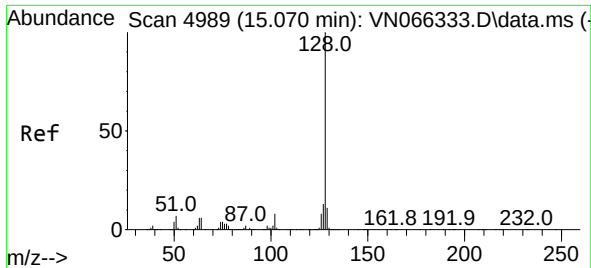
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4/5/2021 6:03:15 PM



#89
n-Butylbenzene
Concen: 13.47 ug/l m
RT: 13.557 min Scan# 4425
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

Tgt Ion: 91 Resp: 179833
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 313.3 12.8 38.4#





#95
Naphthalene
Concen: 195.93 ug/l
RT: 15.260 min Scan# 5060
Delta R.T. -0.000 min
Lab File: VN066453.D
Acq: 1 Apr 2021 14:14

Tgt Ion:128 Resp: 2966473

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.5	12.7

Instrument :
MSVOA_N
ClientSampleId :
IEC-R2ME

Manual Integrations
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