

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066454.D
 Acq On : 1 Apr 2021 14:37
 Operator : JC/MD
 Sample : M1883-03ME
 Misc : 5.72g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 V-211ME

Manual Integrations
 APPROVED

SAM
 4/5/2021 6:03:09 PM

Quant Time: Apr 02 04:50:50 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	388703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	582071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	548912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	302109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	255128	49.37	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.74%			
35) Dibromofluoromethane	7.504	113	202718	52.53	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.06%			
50) Toluene-d8	10.025	98	833957	56.98	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.96%#			
62) 4-Bromofluorobenzene	12.345	95	315116	61.98	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 123.96%#			
Target Compounds					Qvalue	
16) Acetone	3.744	43	13259	4.75	ug/l	99
31) Cyclohexane	7.555	56	64555	9.03	ug/l	88
39) Methylcyclohexane	9.006	83	318668	47.81	ug/l	99
52) Toluene	10.089	92	324388	32.00	ug/l	98
64) Tetrachloroethene	10.569	164	6495	1.39	ug/l	93
67) Ethyl Benzene	11.452	91	1141778	57.48	ug/l	100
68) m/p-Xylenes	11.559	106	3004346	398.05	ug/l	92
69) o-Xylene	11.889	106	1190374	163.46	ug/l	100
73) Isopropylbenzene	12.192	105	273572	12.17	ug/l	98
78) n-propylbenzene	12.535	91	1230163	50.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	4136013	225.03	ug/l	97
83) tert-Butylbenzene	12.938	119	45501	2.88	ug/l #	40
84) 1,2,4-Trimethylbenzene	12.983	105	8813106	493.50	ug/l	79
85) sec-Butylbenzene	13.115	105	380264	18.55	ug/l #	59
86) p-Isopropyltoluene	13.233	119	1030772	56.14	ug/l	97
89) n-Butylbenzene	13.557	91	836448m	55.14	ug/l	
95) Naphthalene	15.260	128	12219798	707.41	ug/l #	87

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

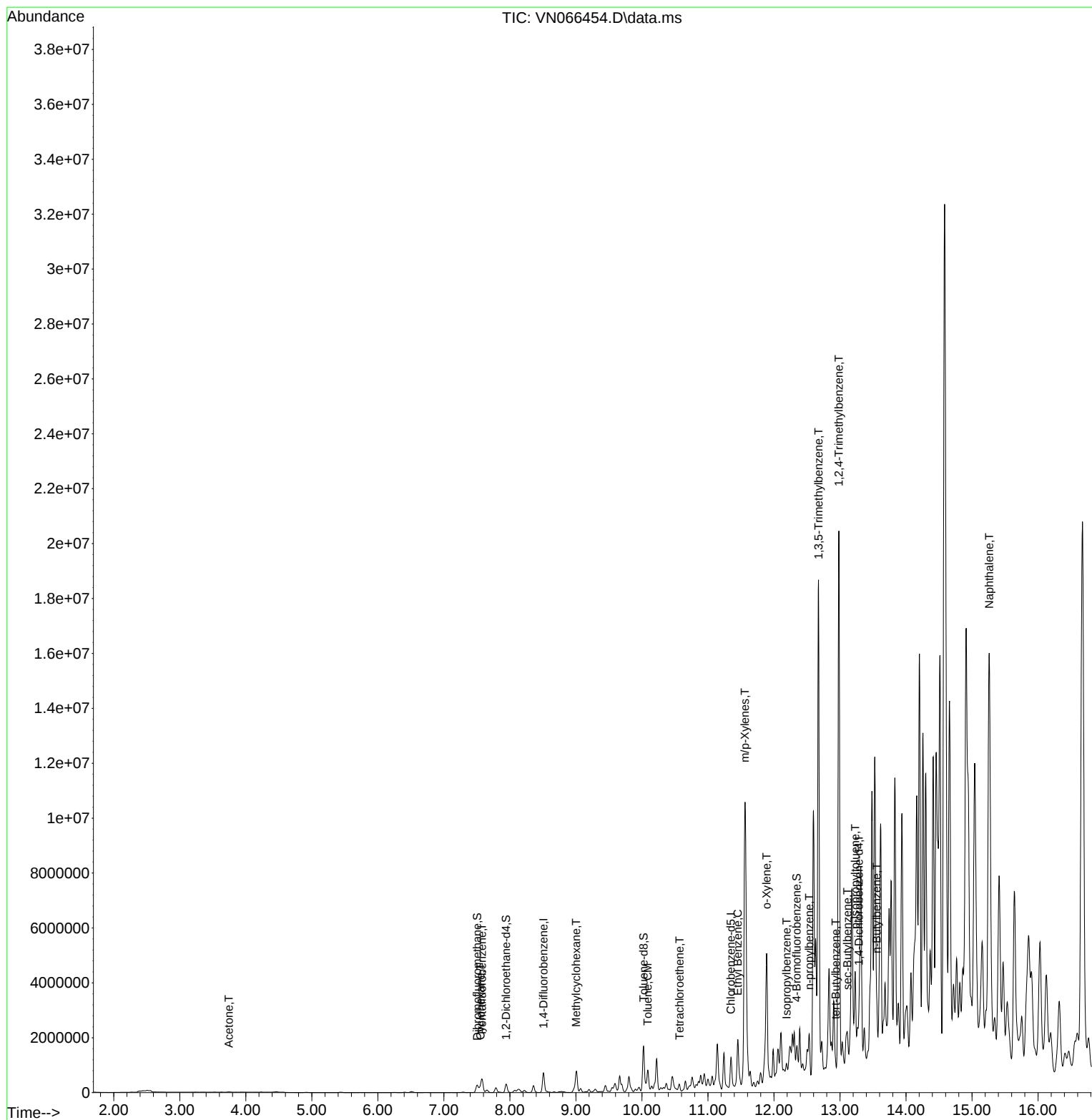
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
Data File : VN066454.D
Acq On : 1 Apr 2021 14:37
Operator : JC/MD
Sample : M1883-03ME
Misc : 5.72g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

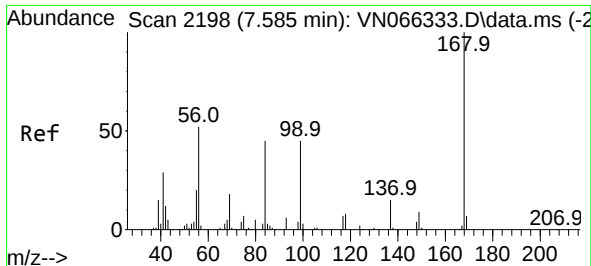
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

Manual Integrations
APPROVED

SAM
4/5/2021 6:03:09 PM

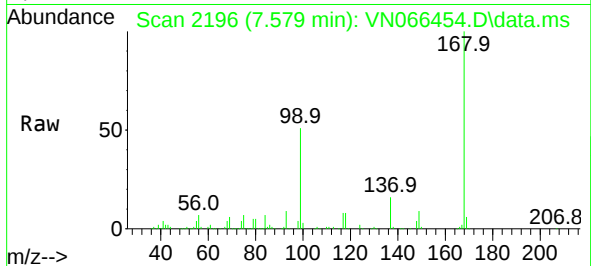
Quant Time: Apr 02 04:50:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 01 14:08:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

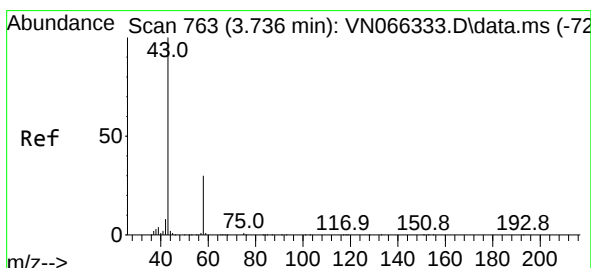
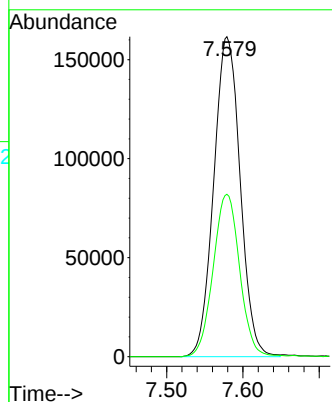
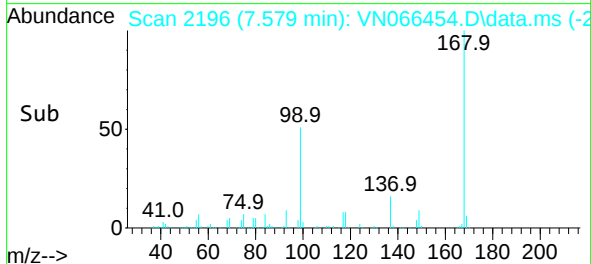
Instrument :
MSVOA_N
ClientSampleId :
V-211ME



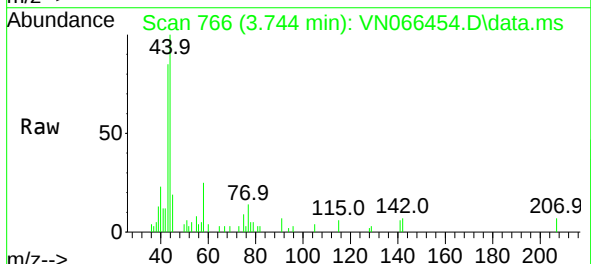
Tgt Ion:168 Resp: 388703
Ion Ratio Lower Upper
168 100
99 50.7 41.1 61.7

Manual Integrations
APPROVED

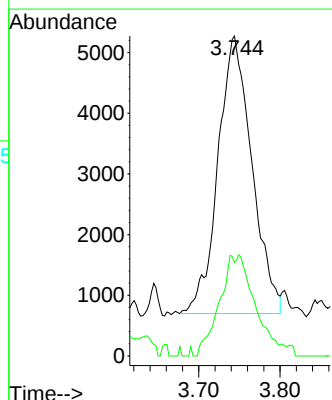
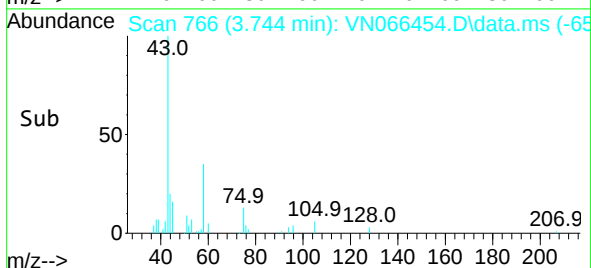
SAM
4/5/2021 6:03:09 PM

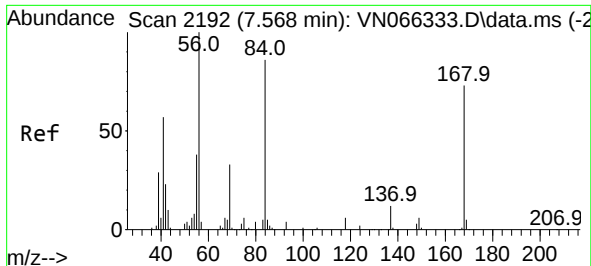


#16
Acetone
Concen: 4.75 ug/l
RT: 3.744 min Scan# 766
Delta R.T. 0.011 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37



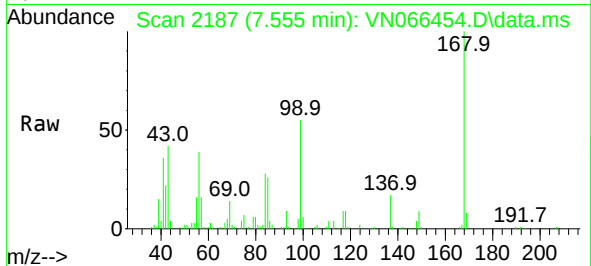
Tgt Ion: 43 Resp: 13259
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8





#31
Cyclohexane
Concen: 9.03 ug/l
RT: 7.555 min Scan# 2187
Delta R.T. -0.011 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

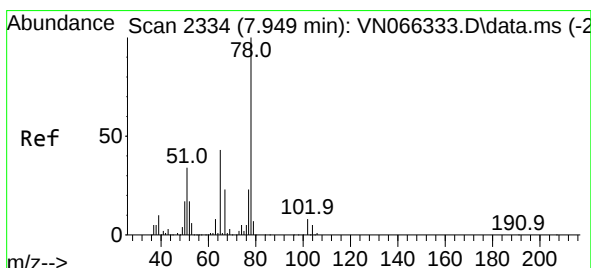
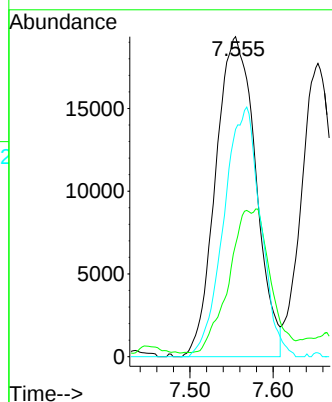
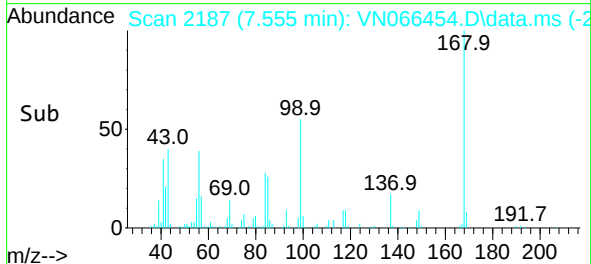
Instrument :
MSVOA_N
ClientSampled :
V-211ME



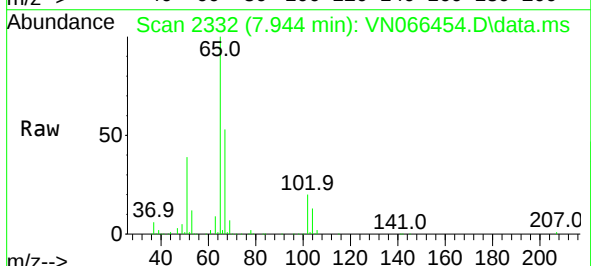
Tgt Ion: 56 Resp: 64555
Ion Ratio Lower Upper
56 100
69 33.8 26.6 40.0
84 71.1 68.7 103.1

Manual Integrations
APPROVED

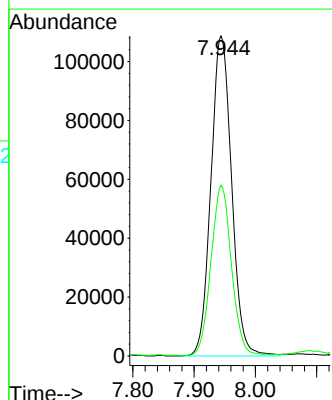
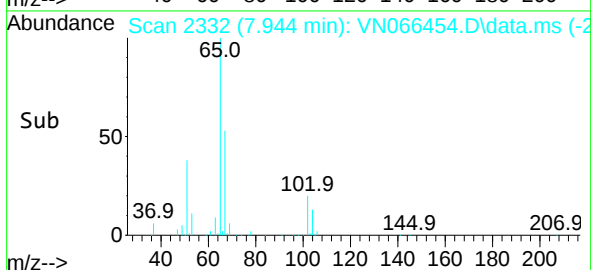
SAM
4/5/2021 6:03:09 PM

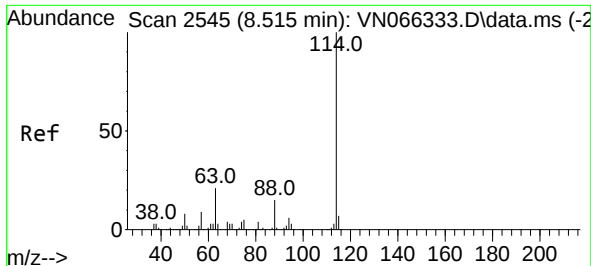


#33
1,2-Dichloroethane-d4
Concen: 49.37 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37



Tgt Ion: 65 Resp: 255128
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2





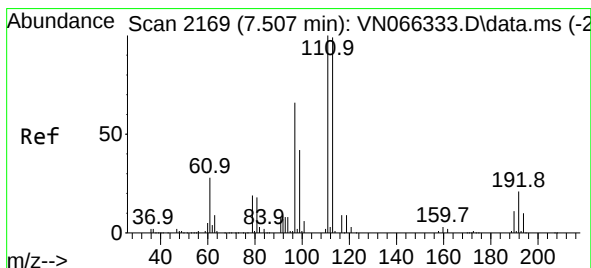
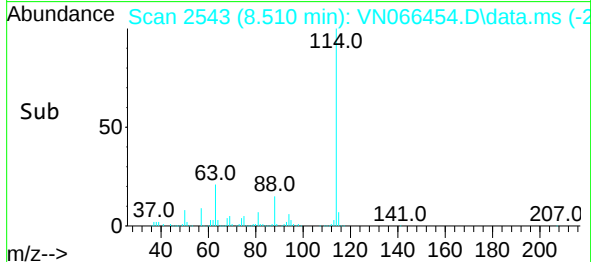
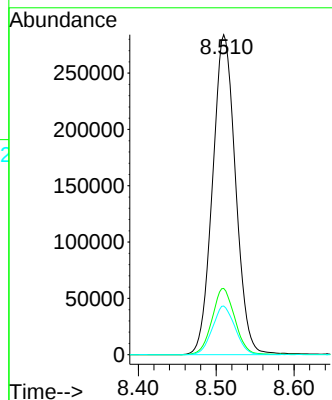
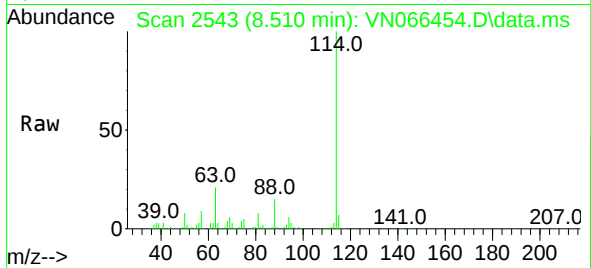
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:114 Resp: 582071
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.0
88 15.2 0.0 31.0

Instrument :
MSVOA_N
ClientSampleId :
V-211ME

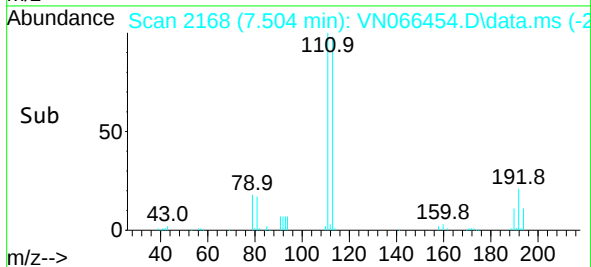
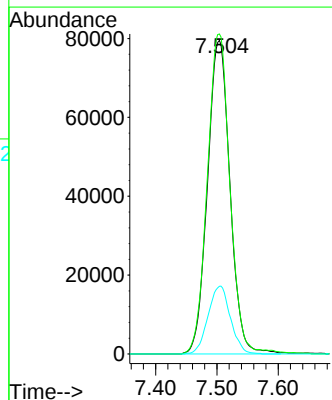
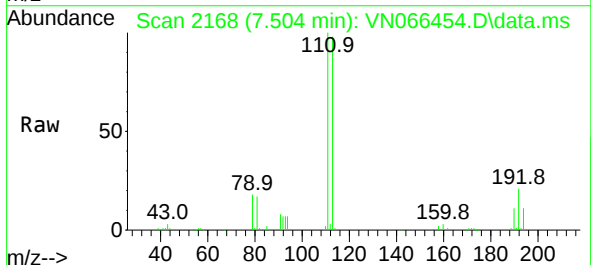
Manual Integrations
APPROVED

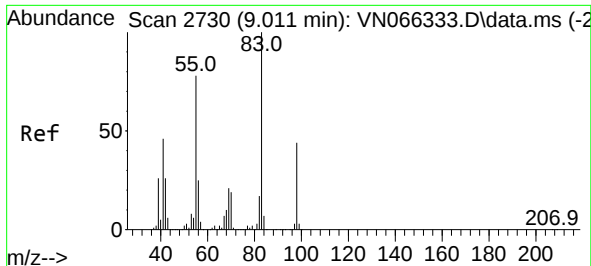
SAM
4/5/2021 6:03:09 PM



#35
Dibromofluoromethane
Concen: 52.53 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:113 Resp: 202718
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 21.6 17.1 25.7





#39

Methylcyclohexane

Concen: 47.81 ug/l

RT: 9.006 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VN066454.D

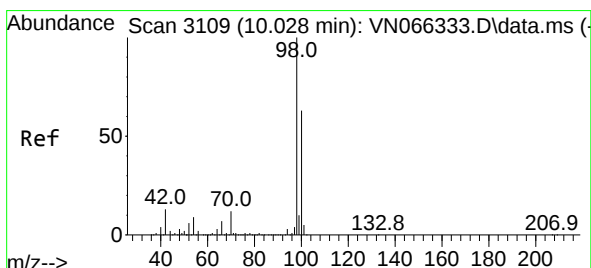
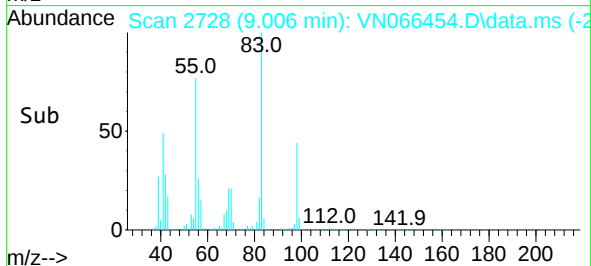
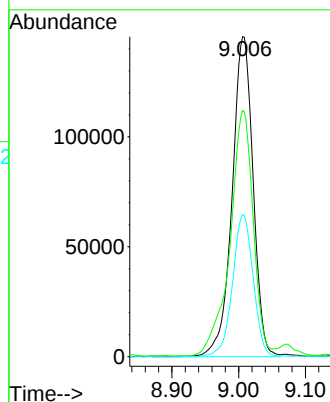
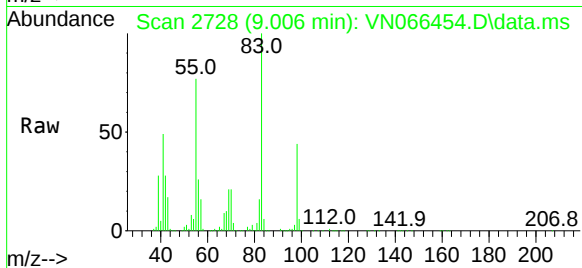
Acq: 1 Apr 2021 14:37

Tgt Ion:	83	Resp:	318668
Ion	Ratio	Lower	Upper
83	100		
55	76.6	62.3	93.5
98	44.4	35.6	53.4

Instrument :
MSVOA_N
ClientSampleId :
V-211ME

Manual Integrations
APPROVED

SAM
4/5/2021 6:03:09 PM



#50

Toluene-d8

Concen: 56.98 ug/l

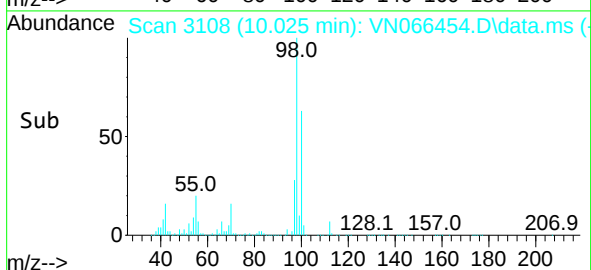
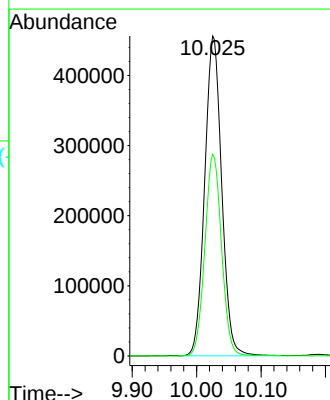
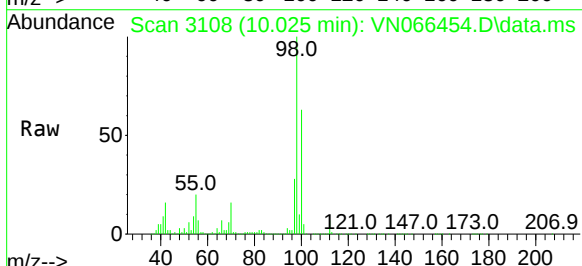
RT: 10.025 min Scan# 3108

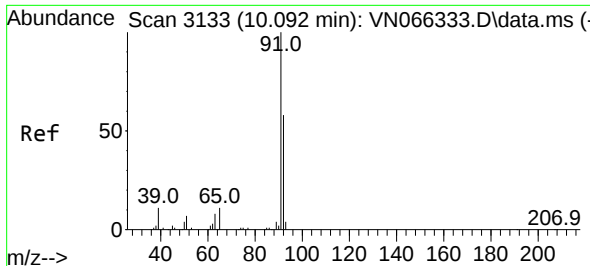
Delta R.T. -0.000 min

Lab File: VN066454.D

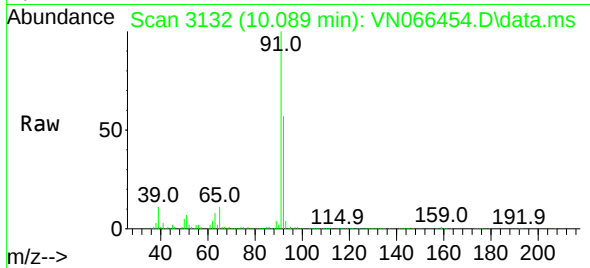
Acq: 1 Apr 2021 14:37

Tgt Ion:	98	Resp:	833957
Ion	Ratio	Lower	Upper
98	100		
100	62.1	50.5	75.7

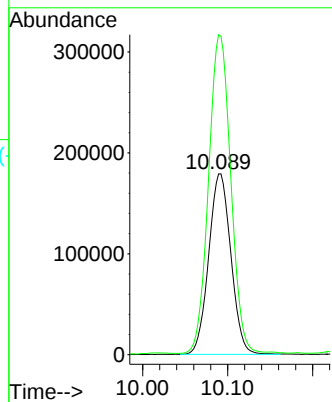
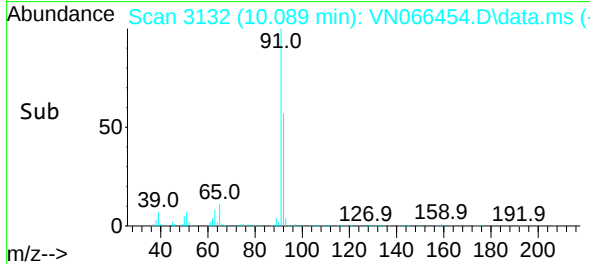




#52
Toluene
Concen: 32.00 ug/l
RT: 10.089 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37



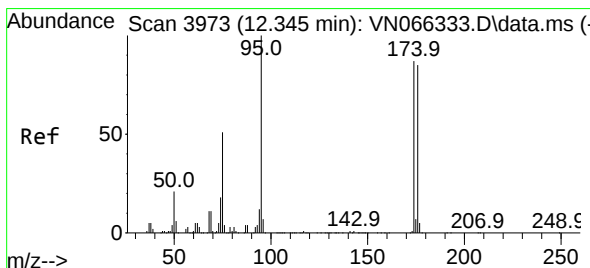
Tgt Ion: 92 Resp: 324388
Ion Ratio Lower Upper
92 100
91 176.5 138.8 208.2



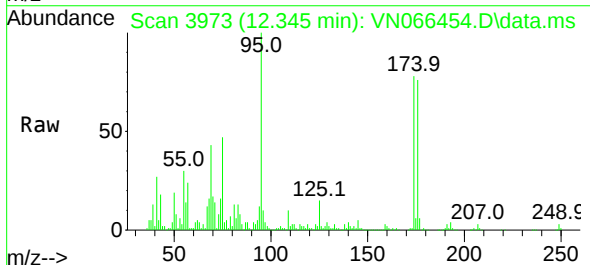
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

Manual Integrations
APPROVED

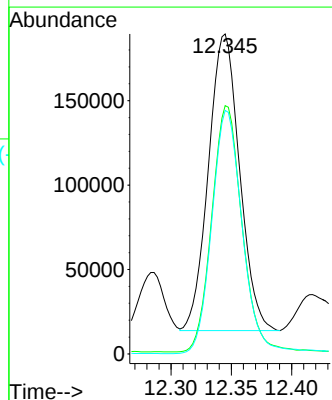
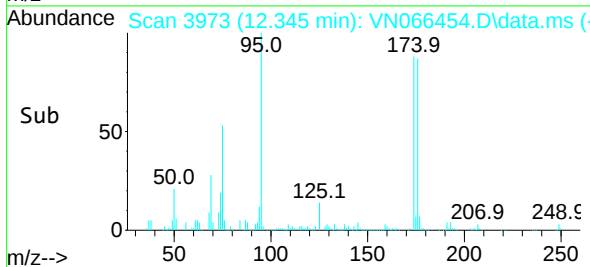
SAM
4/5/2021 6:03:09 PM

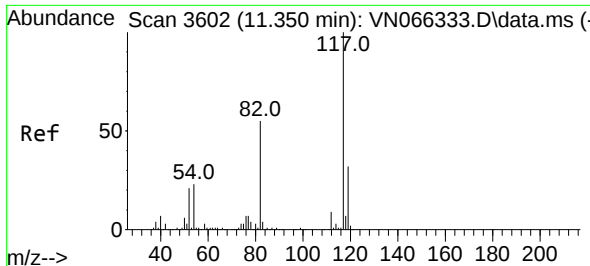


#62
4-Bromofluorobenzene
Concen: 61.98 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37



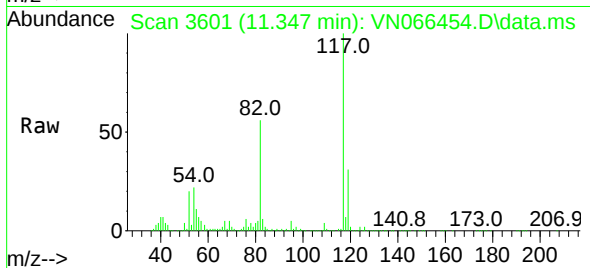
Tgt Ion: 95 Resp: 315116
Ion Ratio Lower Upper
95 100
174 80.3 0.0 172.2
176 80.2 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

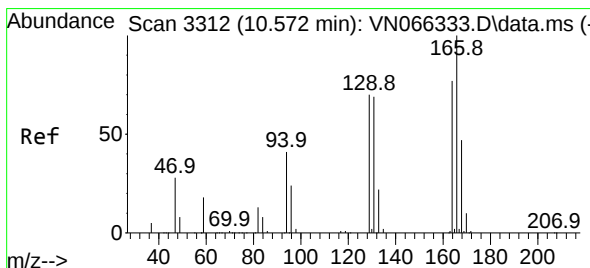
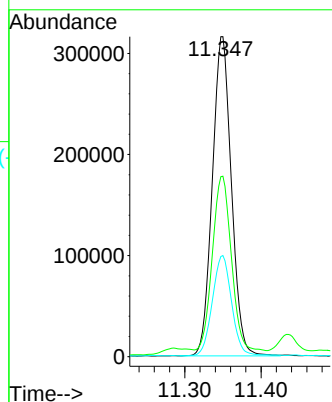
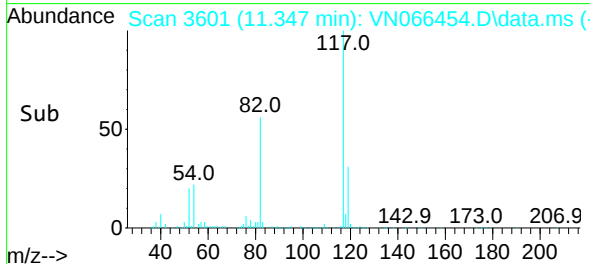
Instrument :
MSVOA_N
ClientSampleId :
V-211ME



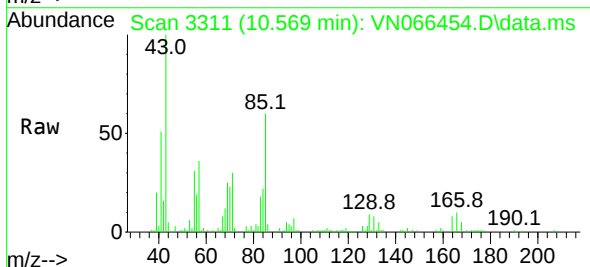
Tgt Ion:117 Resp: 548912
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.4
119 31.1 25.8 38.6

Manual Integrations
APPROVED

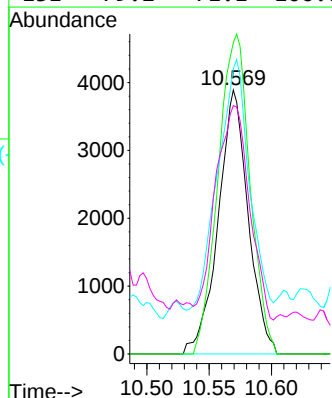
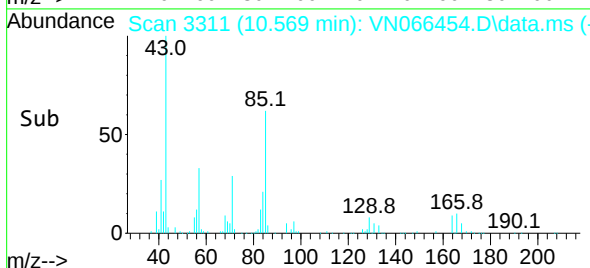
SAM
4/5/2021 6:03:09 PM

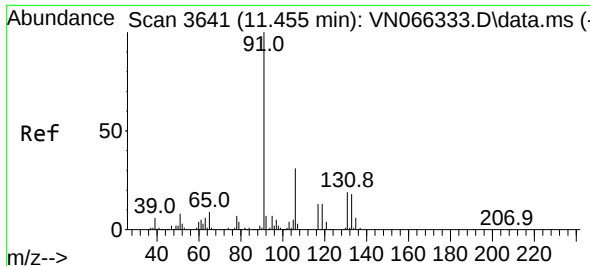


#64
Tetrachloroethene
Concen: 1.39 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37



Tgt Ion:164 Resp: 6495
Ion Ratio Lower Upper
164 100
166 118.0 103.3 154.9
129 89.4 72.5 108.7
131 79.2 71.1 106.7





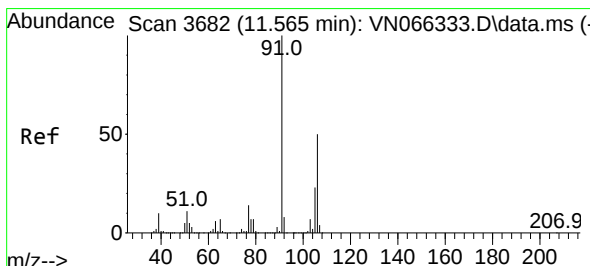
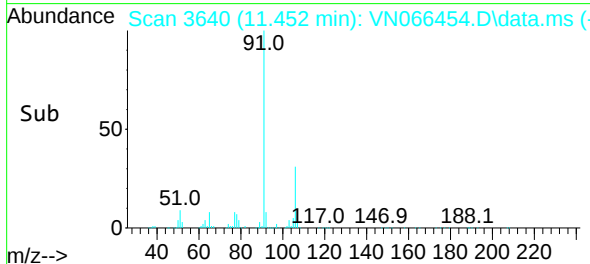
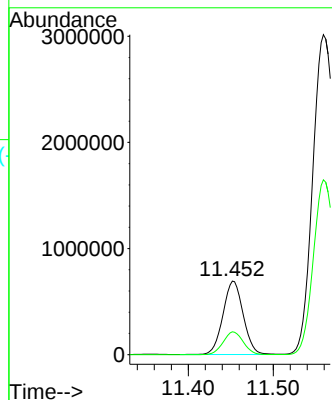
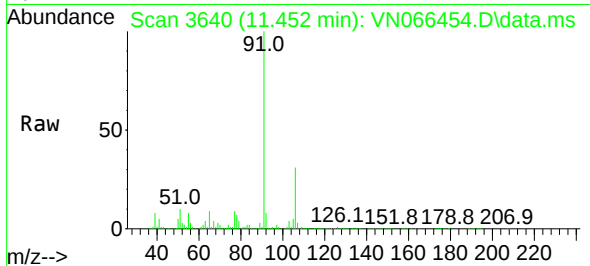
#67
Ethyl Benzene
Concen: 57.48 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 91 Resp: 1141778
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1

Instrument :
MSVOA_N
ClientSampled :
V-211ME

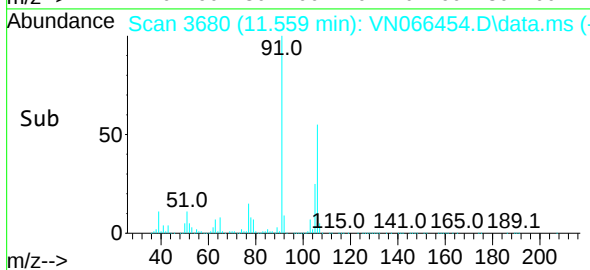
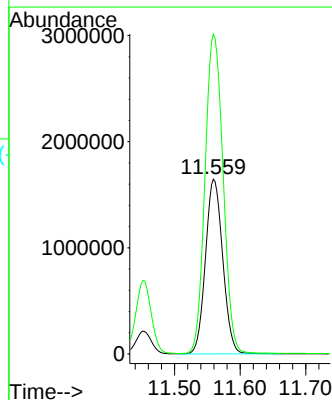
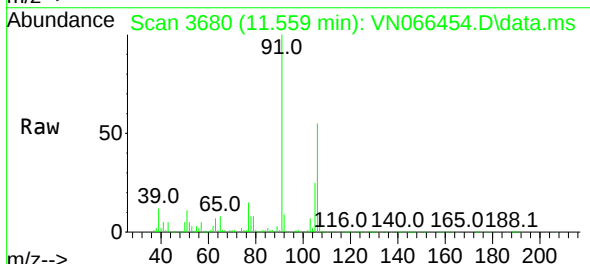
Manual Integrations
APPROVED

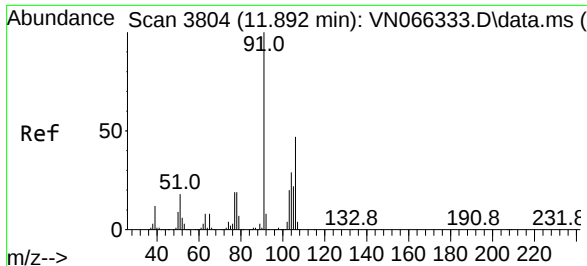
SAM
4/5/2021 6:03:09 PM



#68
m/p-Xylenes
Concen: 398.05 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.003 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:106 Resp: 3004346
Ion Ratio Lower Upper
106 100
91 191.5 162.7 244.1





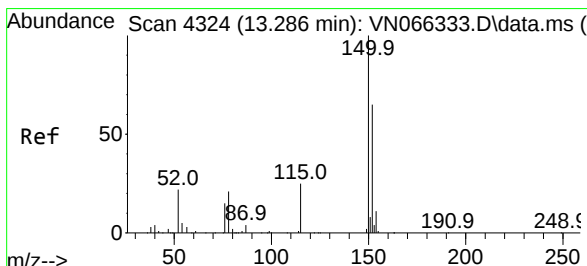
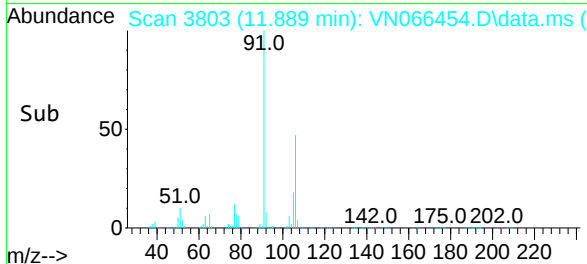
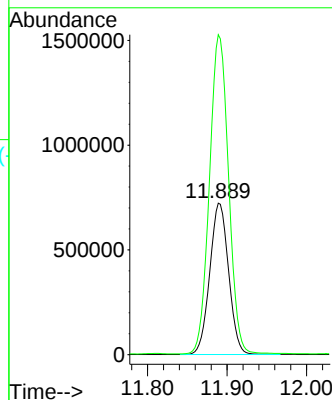
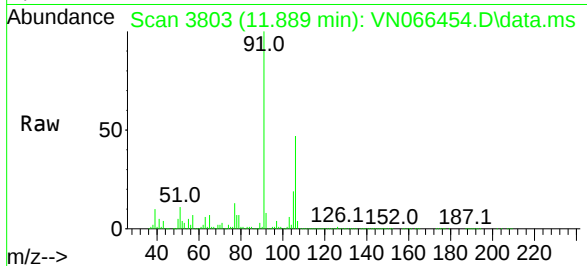
#69
o-Xylene
Concen: 163.46 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:106 Resp: 1190374
Ion Ratio Lower Upper
106 100
91 213.5 107.1 321.4

Instrument :
MSVOA_N
ClientSampleId :
V-211ME

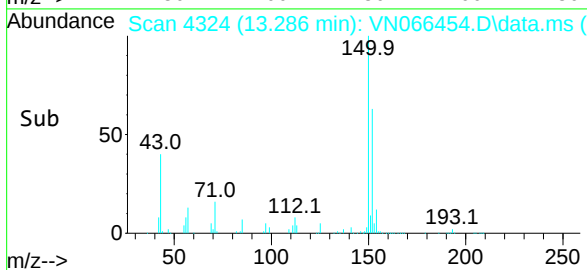
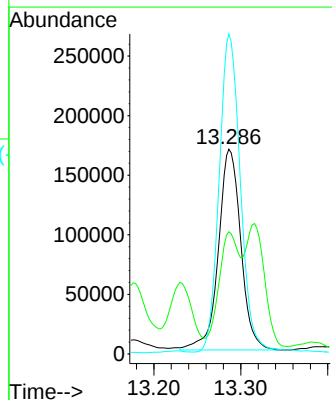
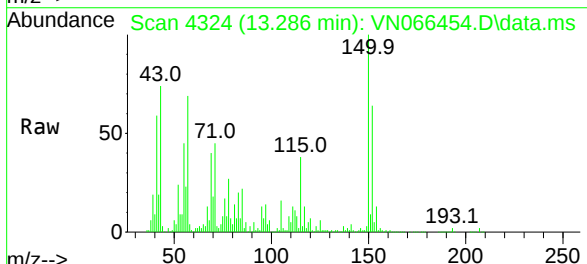
Manual Integrations
APPROVED

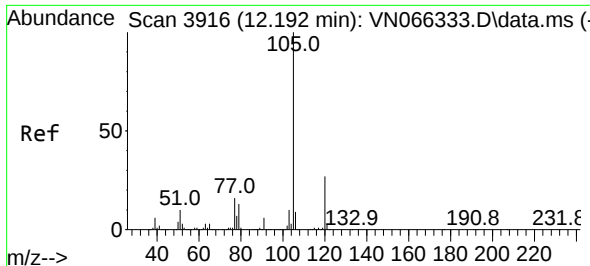
SAM
4/5/2021 6:03:09 PM



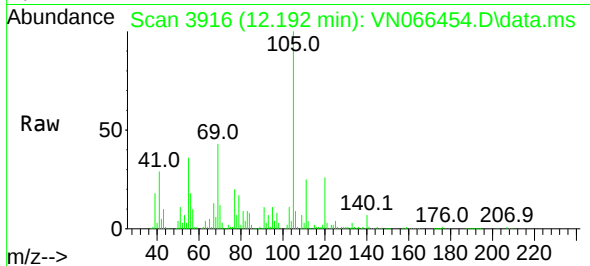
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:152 Resp: 302109
Ion Ratio Lower Upper
152 100
115 50.7 27.8 83.4
150 150.3 0.0 348.4

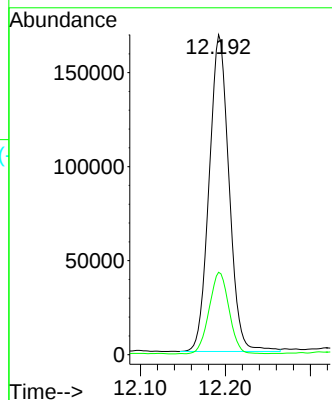
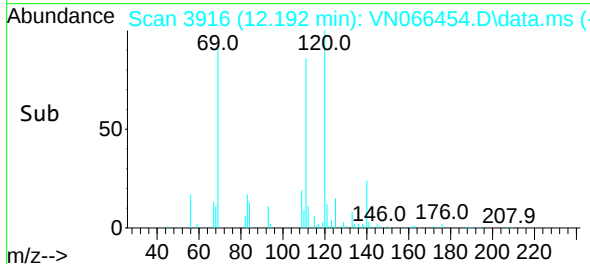




#73
Isopropylbenzene
Concen: 12.17 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37



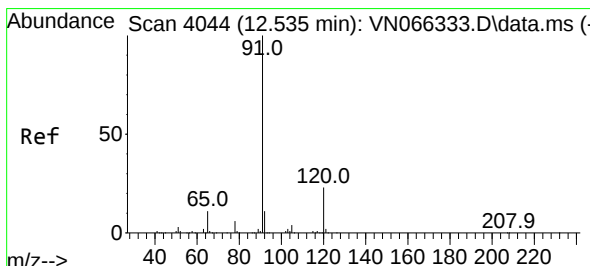
Tgt Ion: 105 Resp: 273572
Ion Ratio Lower Upper
105 100
120 25.7 13.3 39.8



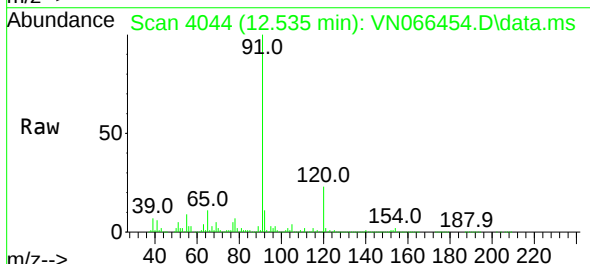
Instrument :
MSVOA_N
ClientSampleId :
V-211ME

Manual Integrations
APPROVED

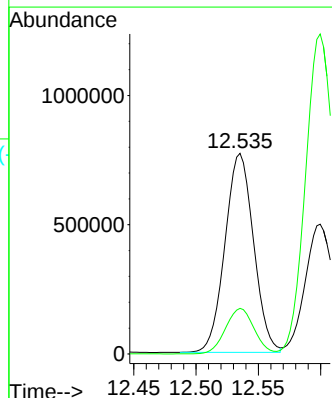
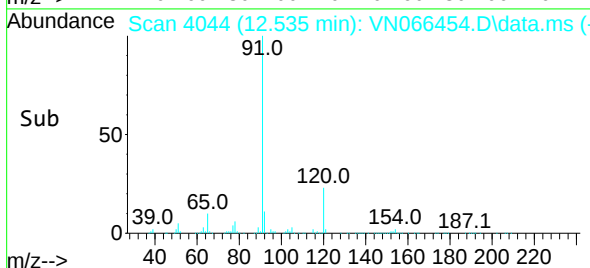
SAM
4/5/2021 6:03:09 PM

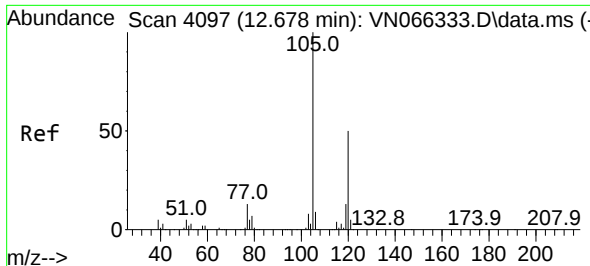


#78
n-propylbenzene
Concen: 50.35 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37



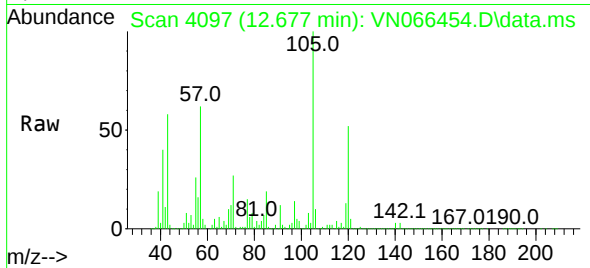
Tgt Ion: 91 Resp: 1230163
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.1





#80
1,3,5-Trimethylbenzene
Concen: 225.03 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

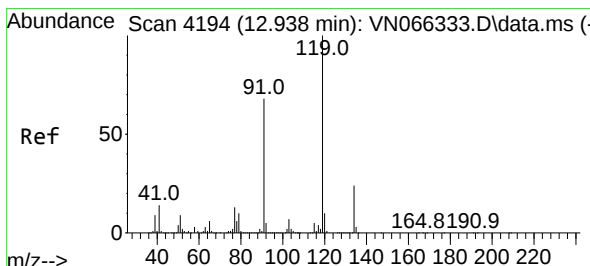
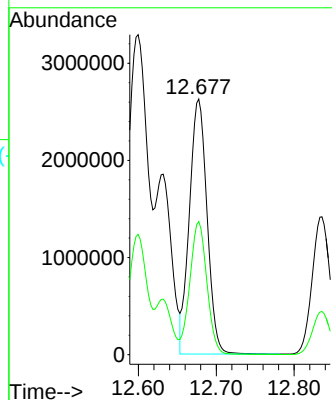
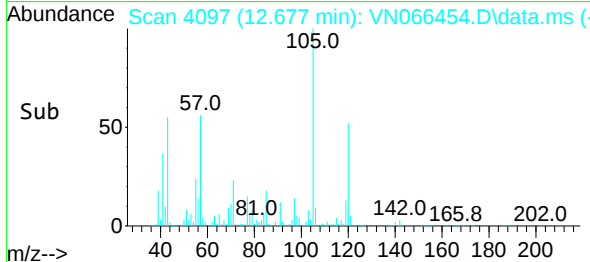
Instrument :
MSVOA_N
ClientSampled :
V-211ME



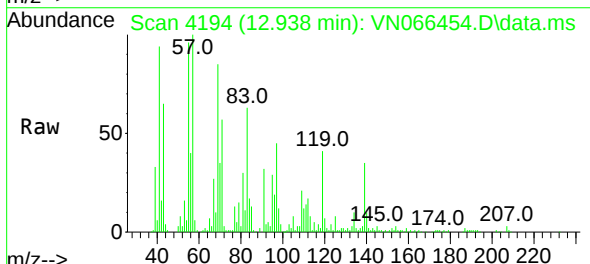
Tgt Ion:105 Resp: 4136013
Ion Ratio Lower Upper
105 100
120 50.8 24.5 73.5

Manual Integrations
APPROVED

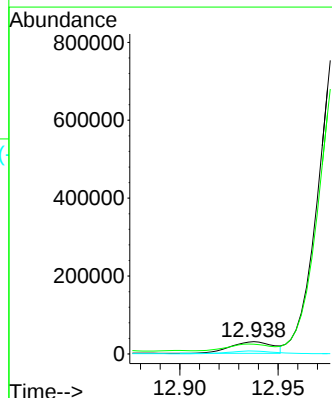
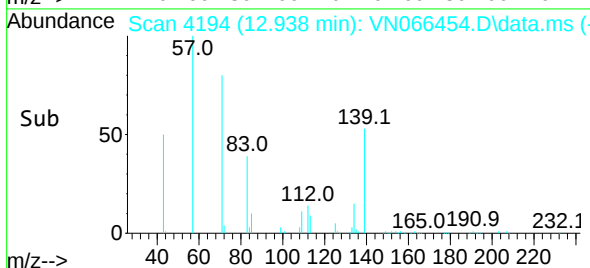
SAM
4/5/2021 6:03:09 PM

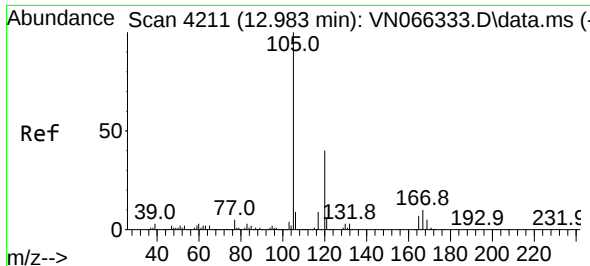


#83
tert-Butylbenzene
Concen: 2.88 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. 0.002 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37



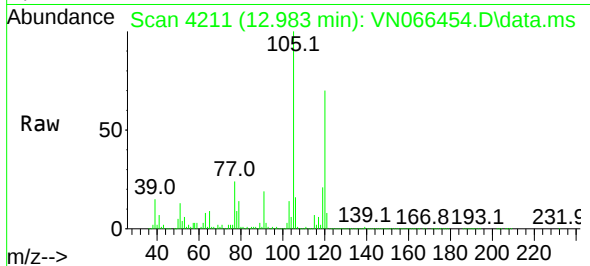
Tgt Ion:119 Resp: 45501
Ion Ratio Lower Upper
119 100
91 0.0 33.3 99.8#
134 25.9 12.9 38.6





#84
1,2,4-Trimethylbenzene
Concen: 493.50 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

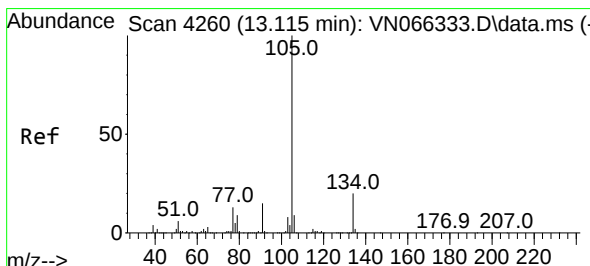
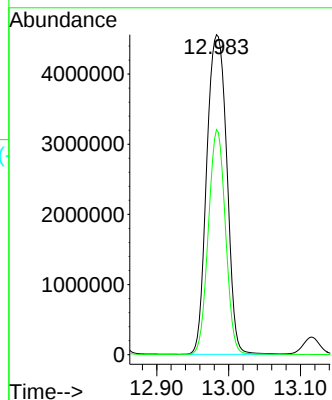
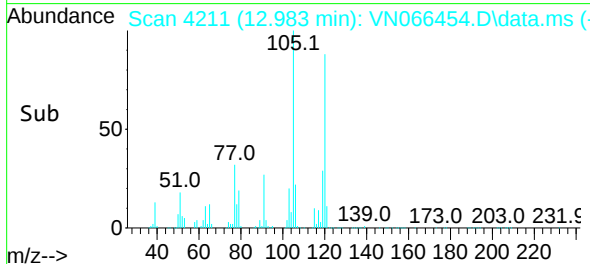
Instrument :
MSVOA_N
ClientSampled :
V-211ME



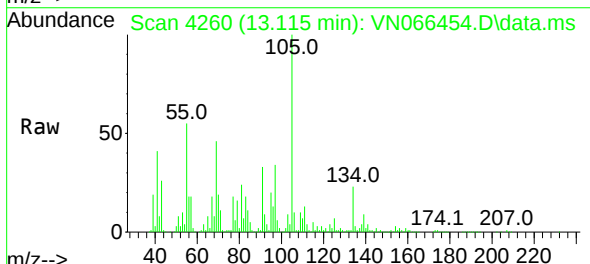
Tgt Ion:105 Resp: 8813106
Ion Ratio Lower Upper
105 100
120 60.2 23.1 69.2

Manual Integrations
APPROVED

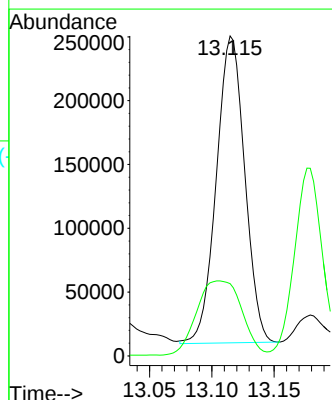
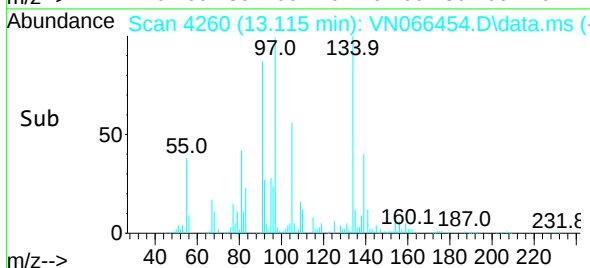
SAM
4/5/2021 6:03:09 PM

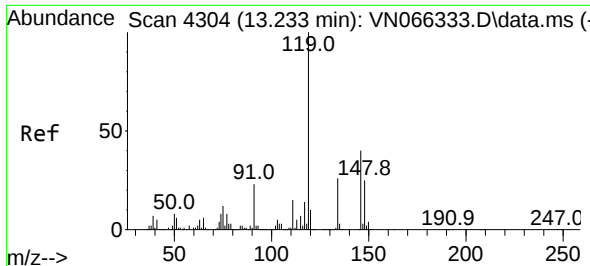


#85
sec-Butylbenzene
Concen: 18.55 ug/l
RT: 13.115 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37



Tgt Ion:105 Resp: 380264
Ion Ratio Lower Upper
105 100
134 38.4 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 56.14 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

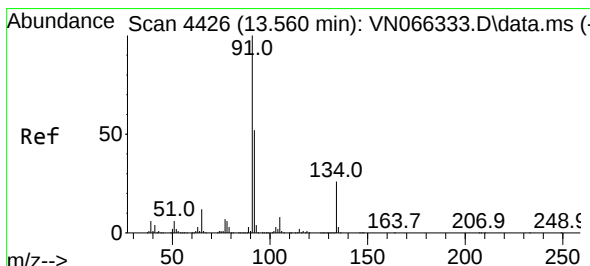
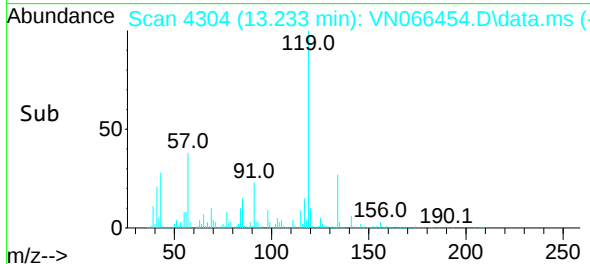
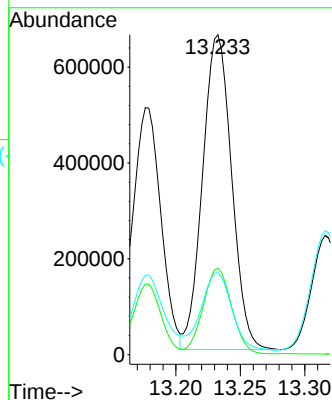
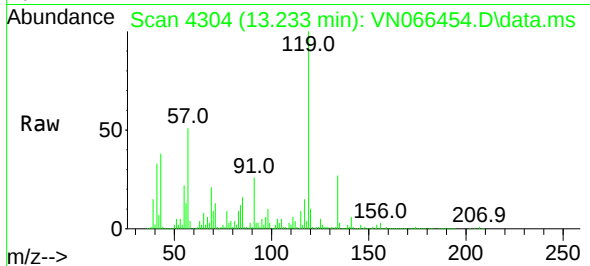
Tgt Ion: 119 Resp: 1030772

Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	25.7	11.5	34.5

Instrument :
MSVOA_N
ClientSampleId :
V-211ME

Manual Integrations
APPROVED

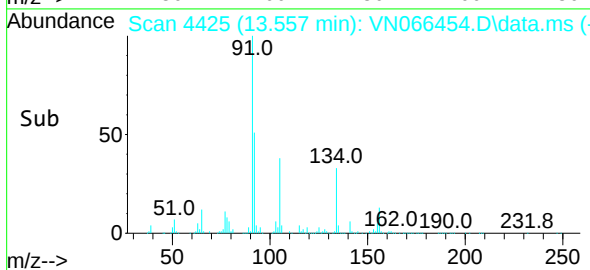
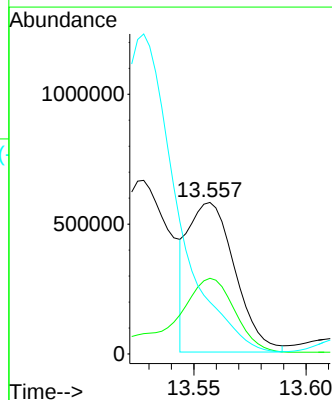
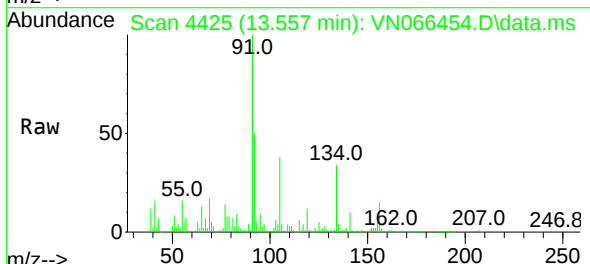
SAM
4/5/2021 6:03:09 PM

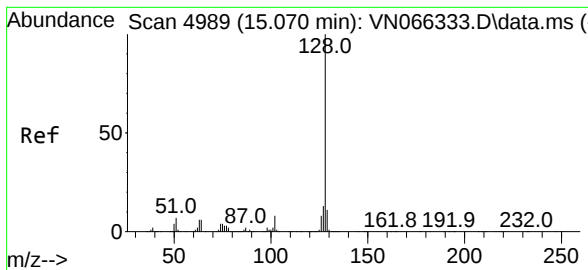


#89
n-Butylbenzene
Concen: 55.14 ug/l m
RT: 13.557 min Scan# 4425
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion: 91 Resp: 836448

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.1	78.3#
134	270.3	12.8	38.4#





#95
Naphthalene
Concen: 707.41 ug/l
RT: 15.260 min Scan# 5060
Delta R.T. -0.000 min
Lab File: VN066454.D
Acq: 1 Apr 2021 14:37

Tgt Ion:128 Resp:12219798

Ion	Ratio	Lower	Upper
128	100		
127	18.2	10.5	15.7#
129	15.5	8.5	12.7#

Instrument :
MSVOA_N
ClientSampleId :
V-211ME

Manual Integrations
APPROVED

SAM
4/5/2021 6:03:09 PM

