

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066422.D
 Acq On : 30 Mar 2021 16:08
 Operator : JC/MD
 Sample : M1835-01DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LMW01DL

Quant Time: Mar 31 03:00:00 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)

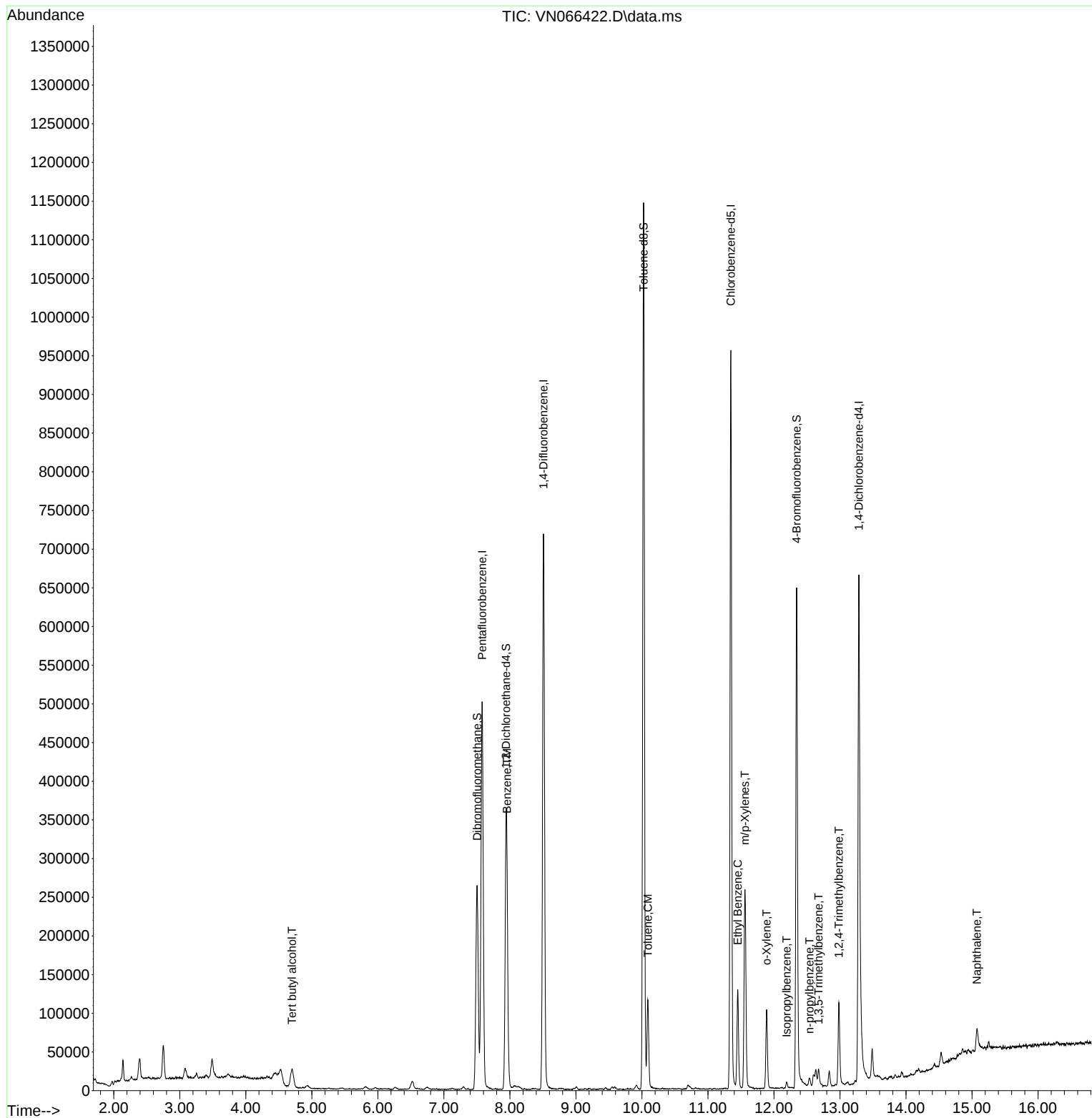
Internal Standards						
1) Pentafluorobenzene	7.582	168	418059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	636683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	541258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	212732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	260997	46.96	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.92%
35) Dibromofluoromethane	7.504	113	203301	48.17	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.34%
50) Toluene-d8	10.025	98	782746	48.89	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.78%
62) 4-Bromofluorobenzene	12.345	95	229437	41.26	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.52%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.699	59	45297	53.44	ug/l	# 91
40) Benzene	7.957	78	83907	4.64	ug/l	100
52) Toluene	10.092	92	46916	4.23	ug/l	98
67) Ethyl Benzene	11.452	91	91325	4.66	ug/l	97
68) m/p-Xylenes	11.562	106	89894	12.08	ug/l	95
69) o-Xylene	11.889	106	28339	3.95	ug/l	99
73) Isopropylbenzene	12.192	105	5388	0.34	ug/l	93
78) n-propylbenzene	12.538	91	9546	0.55	ug/l	98
80) 1,3,5-Trimethylbenzene	12.678	105	11923	0.92	ug/l	94
84) 1,2,4-Trimethylbenzene	12.983	105	67371	5.36	ug/l	99
95) Naphthalene	15.075	128	31375	3.62	ug/l	99

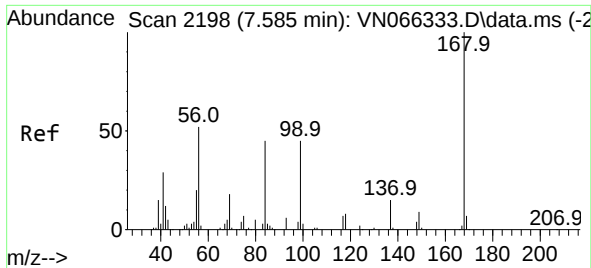
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
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QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration

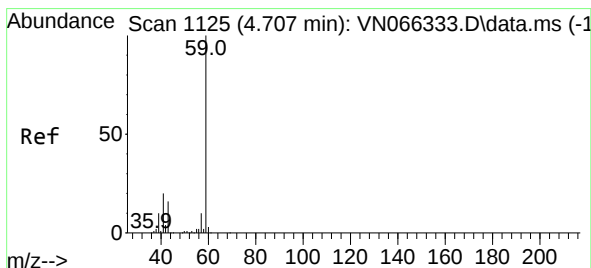
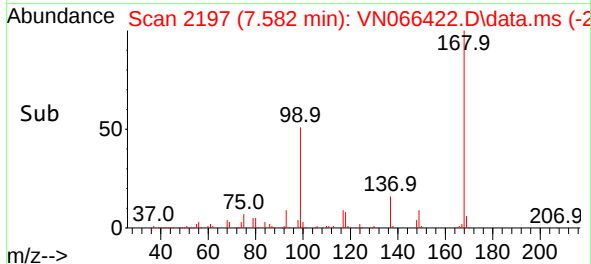
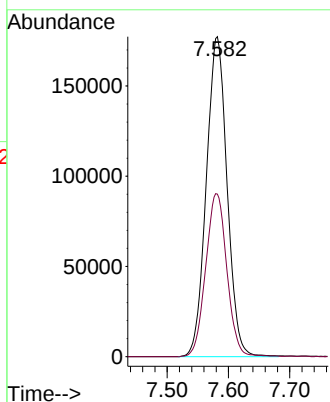
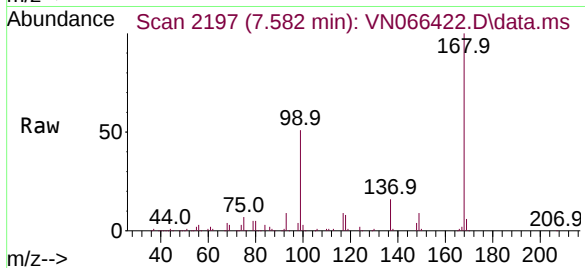




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

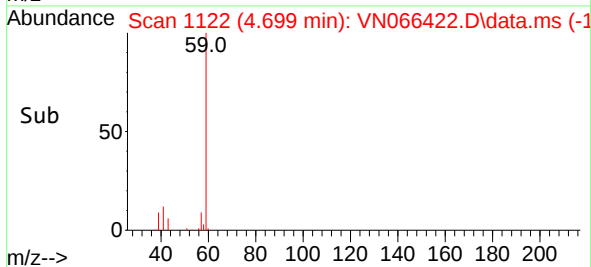
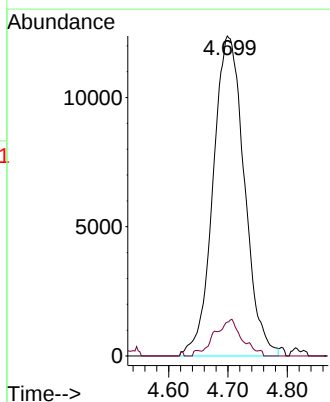
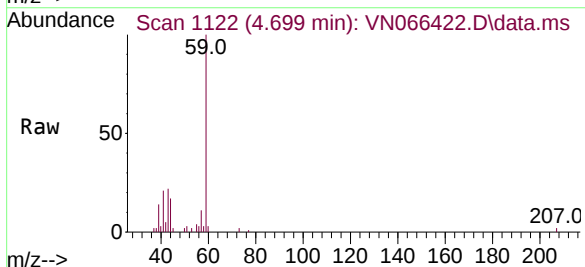
Instrument :
MSVOA_N
ClientSampleID :
LMW01DL

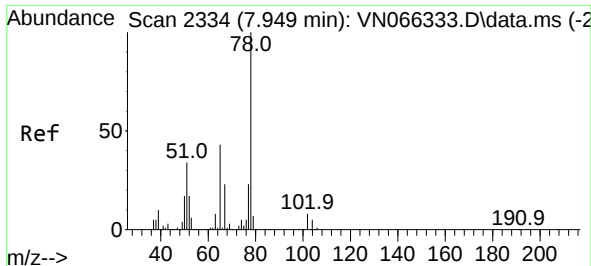
Tgt Ion:168 Resp: 418059
Ion Ratio Lower Upper
168 100
99 50.8 41.1 61.7



#11
Tert butyl alcohol
Concen: 53.44 ug/l
RT: 4.699 min Scan# 1122
Delta R.T. -0.008 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

Tgt Ion: 59 Resp: 45297
Ion Ratio Lower Upper
59 100
57 8.0 4.1 6.1#





#33

1,2-Dichloroethane-d4

Concen: 46.96 ug/l

RT: 7.944 min Scan# 2332

Delta R.T. -0.005 min

Lab File: VN066422.D

Acq: 30 Mar 2021 16:08

Tgt Ion: 65 Resp: 260997

Ion Ratio Lower Upper

65 100

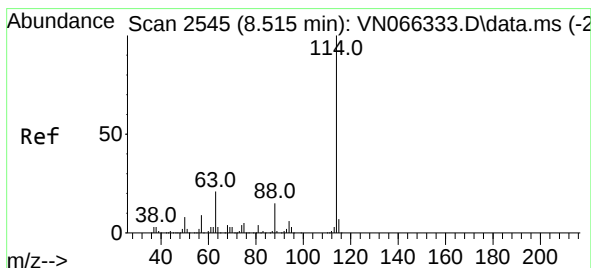
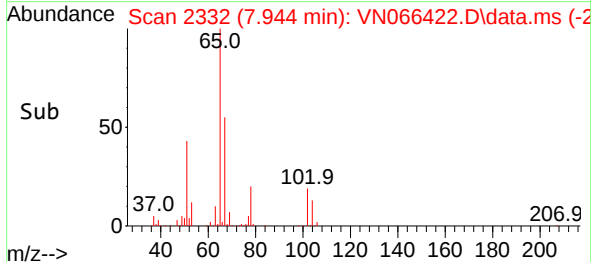
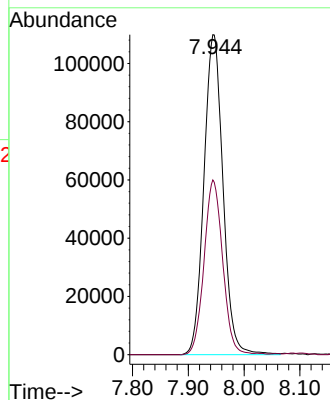
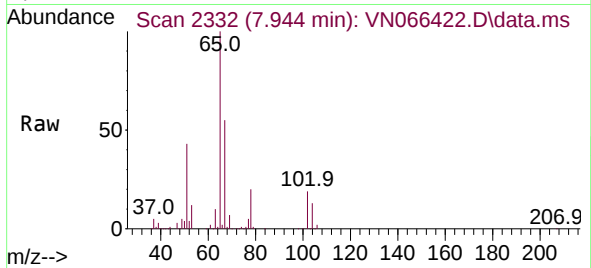
67 53.2 0.0 105.2

Instrument :

MSVOA_N

ClientSampleId :

LMW01DL



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.510 min Scan# 2543

Delta R.T. -0.005 min

Lab File: VN066422.D

Acq: 30 Mar 2021 16:08

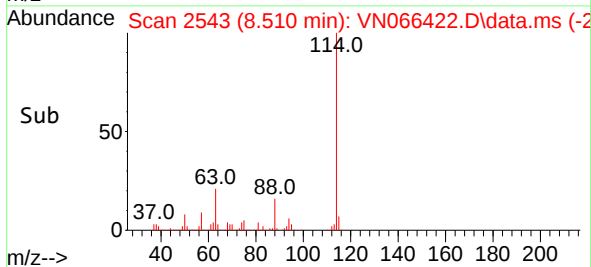
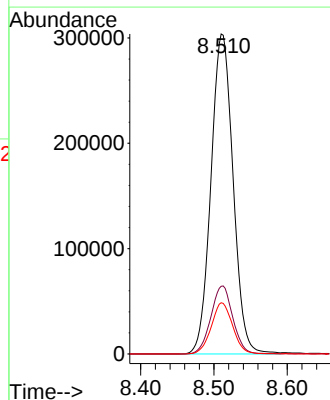
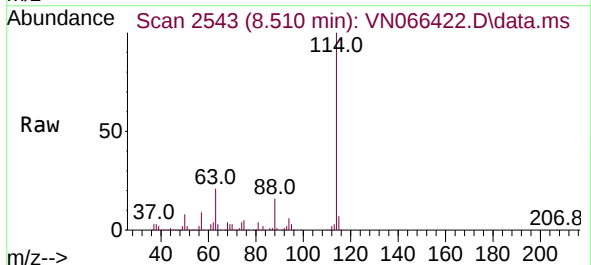
Tgt Ion: 114 Resp: 636683

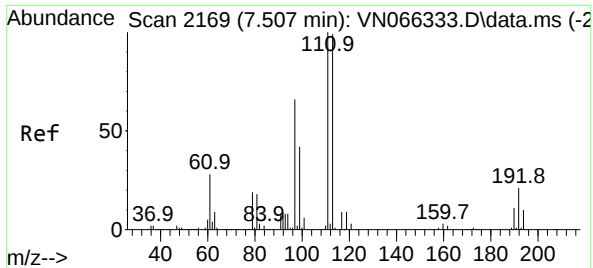
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.0

88 16.0 0.0 31.0

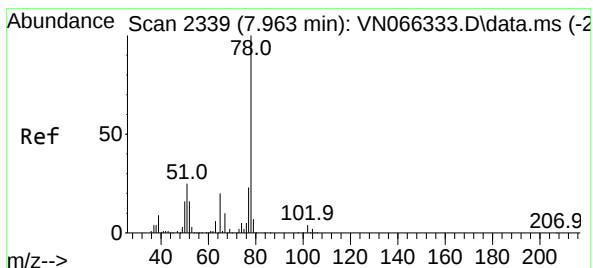
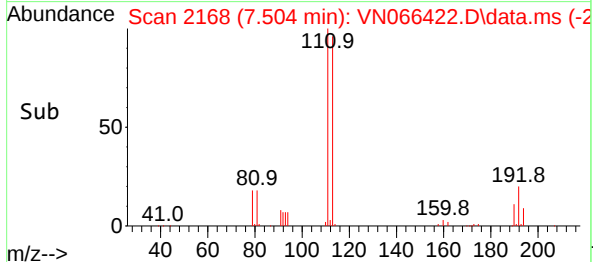
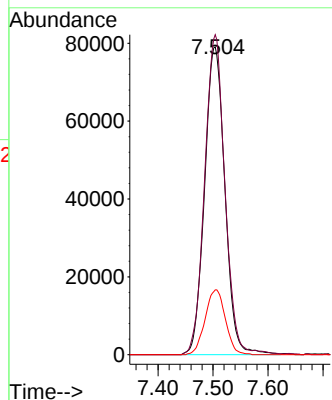
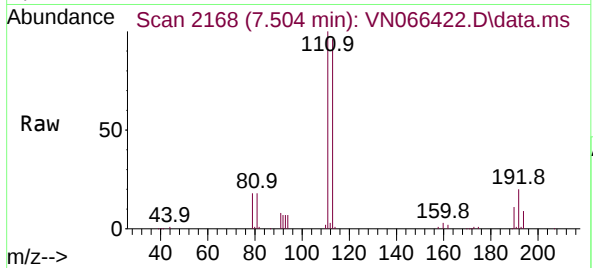




#35
Dibromofluoromethane
Concen: 48.17 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

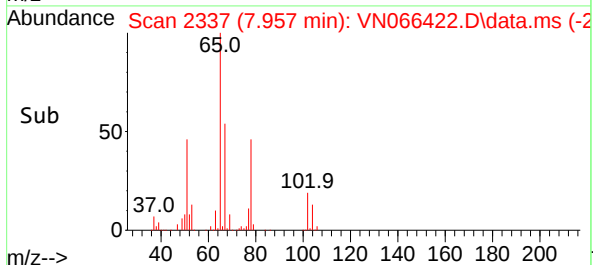
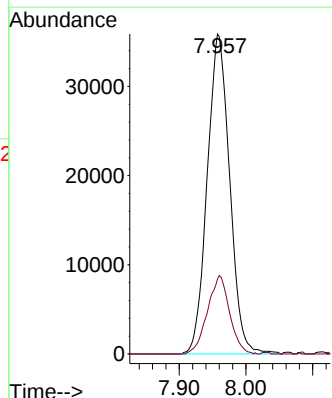
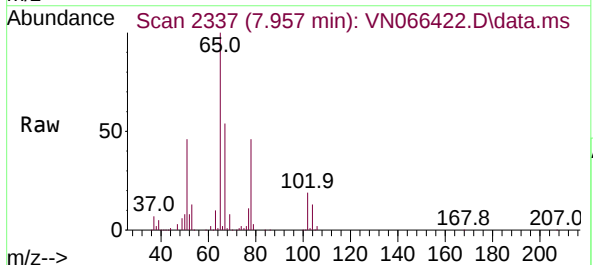
Instrument :
MSVOA_N
ClientSampleId :
LMW01DL

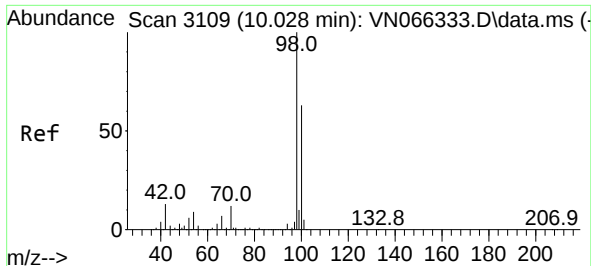
Tgt Ion:	113	Resp:	203301
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	21.0	17.1	25.7



#40
Benzene
Concen: 4.64 ug/l
RT: 7.957 min Scan# 2337
Delta R.T. -0.005 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

Tgt Ion:	78	Resp:	83907
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1

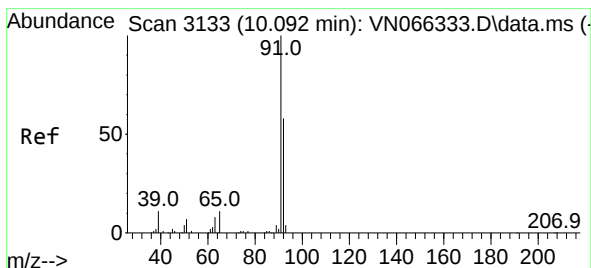
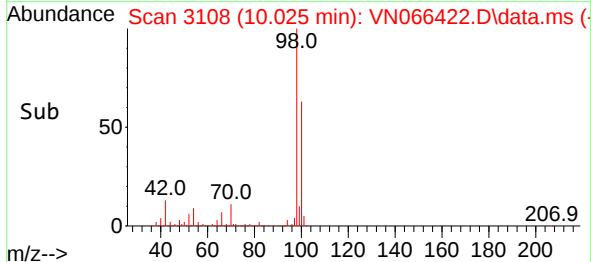
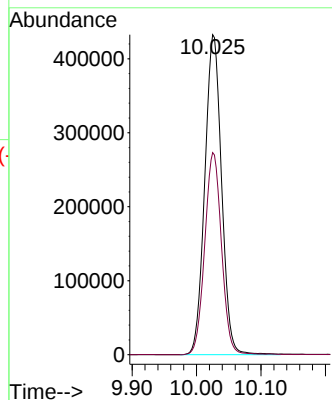
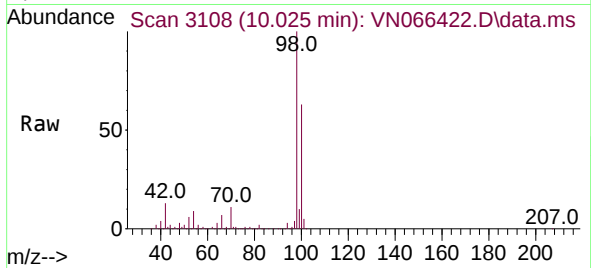




#50
Toluene-d8
Concen: 48.89 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.003 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

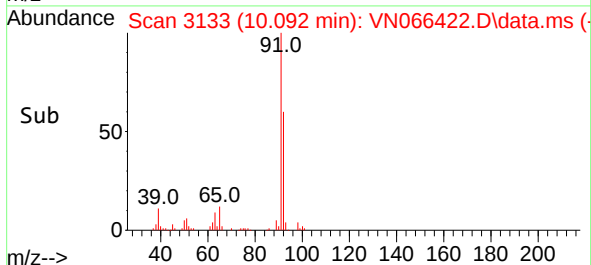
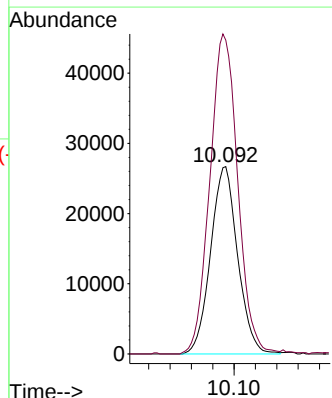
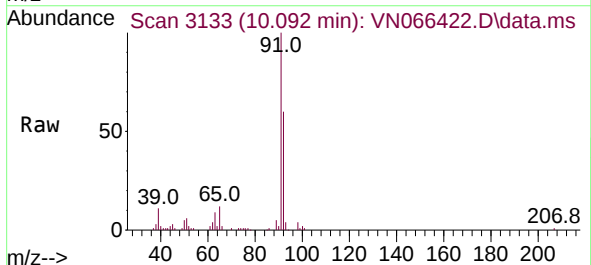
Instrument :
MSVOA_N
ClientSampleID :
LMW01DL

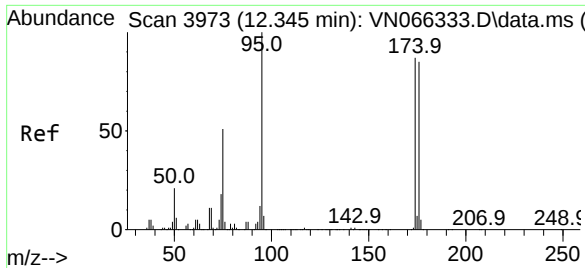
Tgt Ion: 98 Resp: 782746
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7



#52
Toluene
Concen: 4.23 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

Tgt Ion: 92 Resp: 46916
Ion Ratio Lower Upper
92 100
91 176.3 138.8 208.2

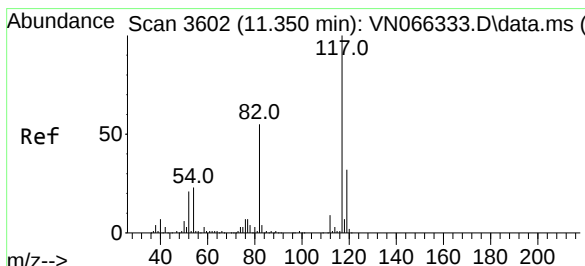
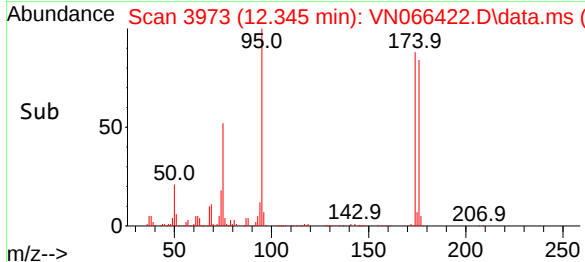
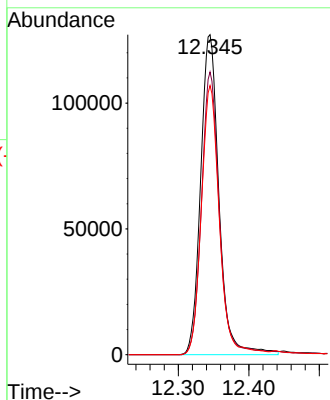
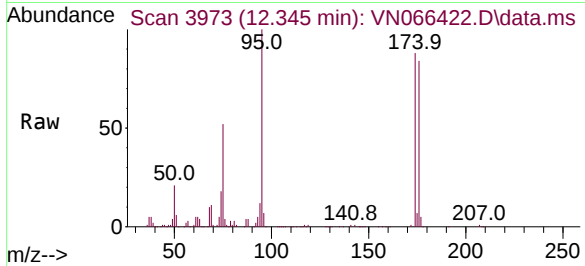




#62
4-Bromofluorobenzene
Concen: 41.26 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

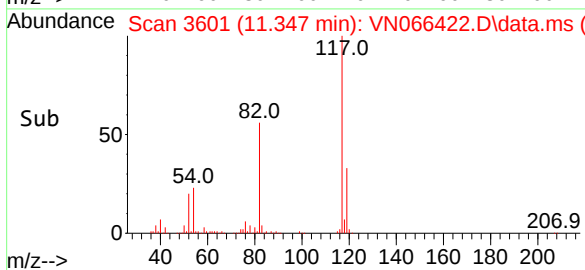
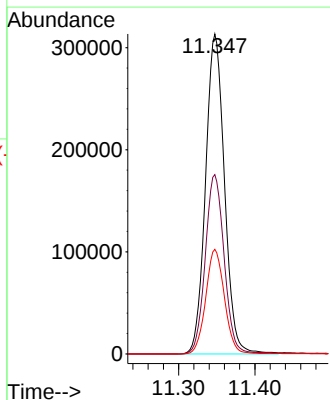
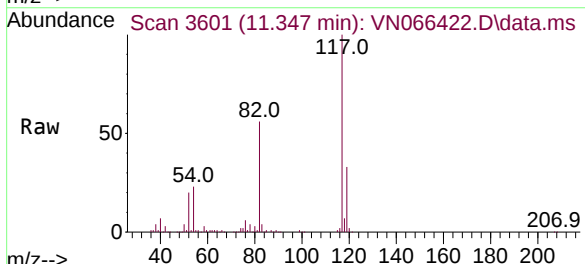
Instrument :
MSVOA_N
ClientSampleId :
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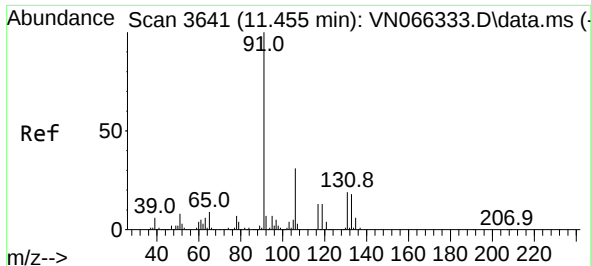
Tgt Ion:	95	Resp:	229437
Ion Ratio	Lower	Upper	
95	100		
174	86.7	0.0	172.2
176	82.5	0.0	167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

Tgt Ion:	117	Resp:	541258
Ion Ratio	Lower	Upper	
117	100		
82	56.1	44.2	66.4
119	32.7	25.8	38.6

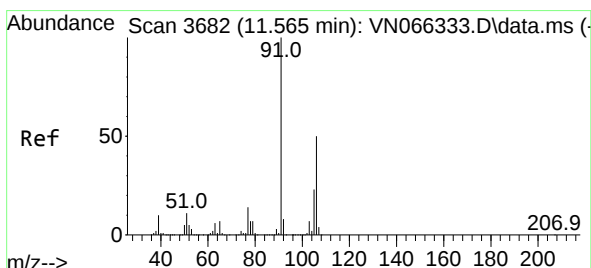
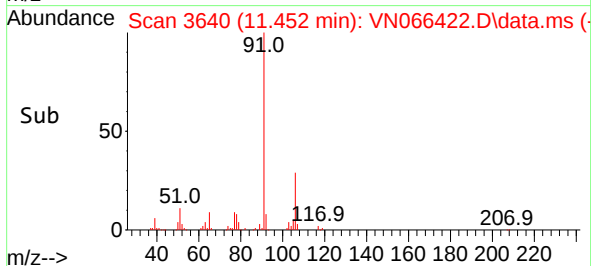
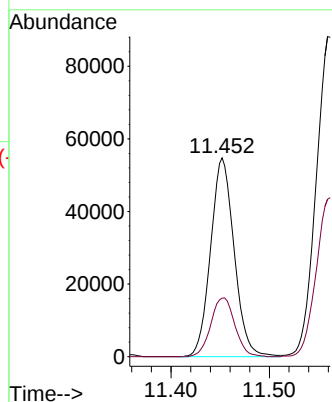
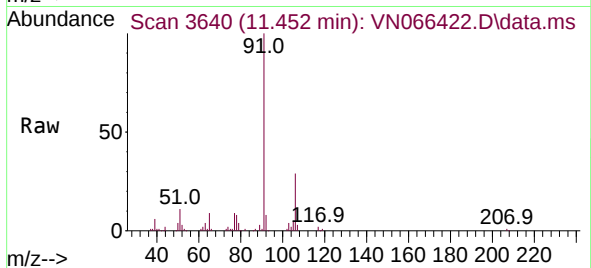




#67
Ethyl Benzene
Concen: 4.66 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

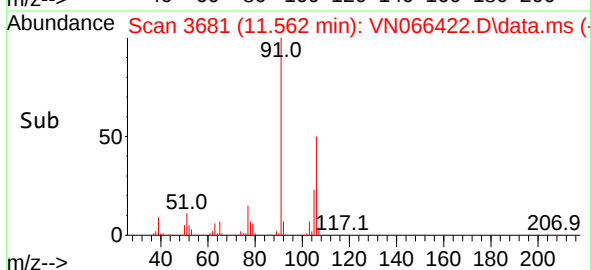
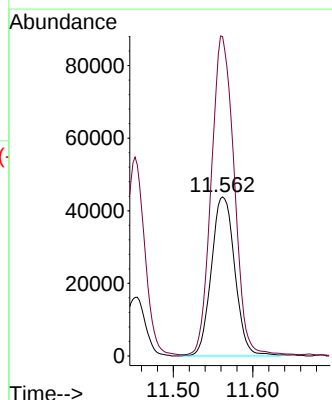
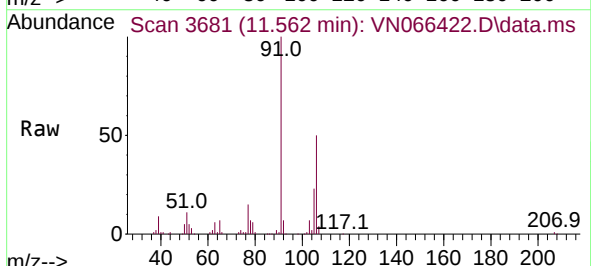
Instrument :
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ClientSampled :
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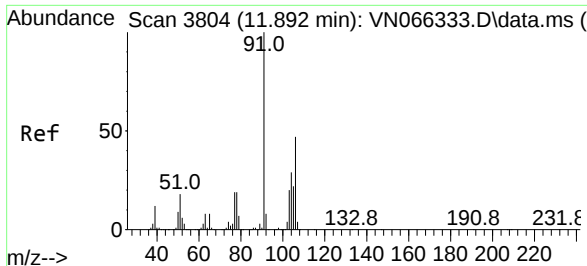
Tgt Ion: 91 Resp: 91325
Ion Ratio Lower Upper
91 100
106 29.4 24.7 37.1



#68
m/p-Xylenes
Concen: 12.08 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

Tgt Ion:106 Resp: 89894
Ion Ratio Lower Upper
106 100
91 195.6 162.7 244.1

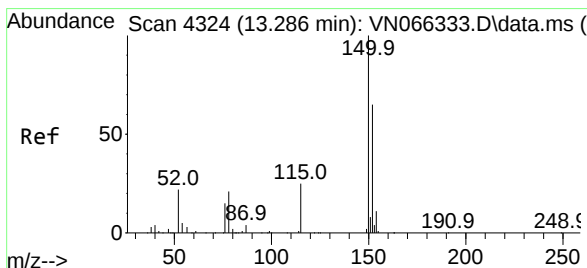
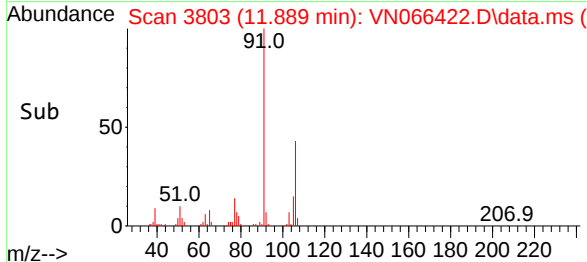
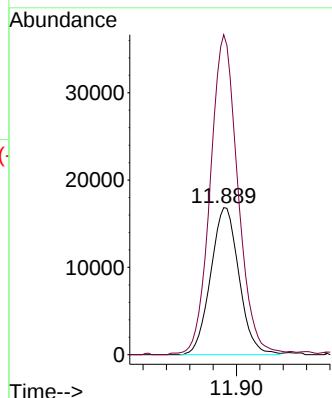
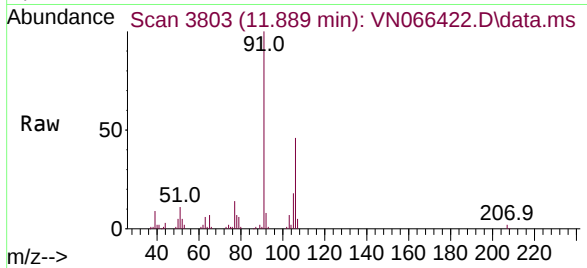




#69
o-Xylene
Concen: 3.95 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

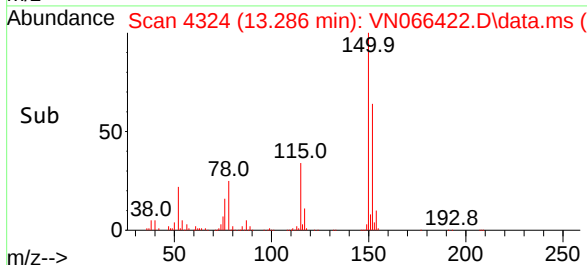
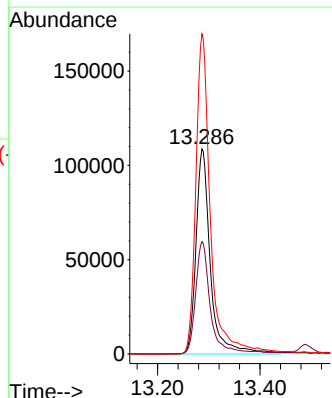
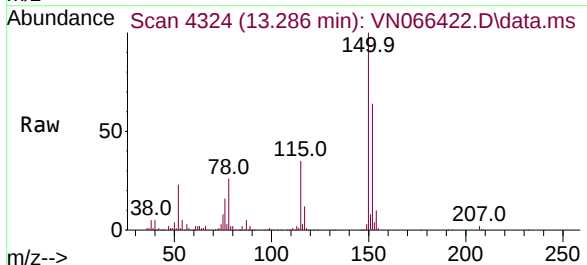
Instrument :
MSVOA_N
ClientSampleID :
LMW01DL

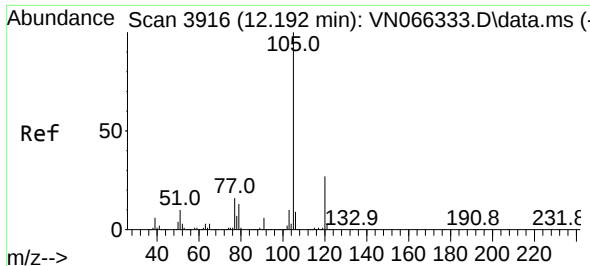
Tgt Ion:106 Resp: 28339
Ion Ratio Lower Upper
106 100
91 213.1 107.1 321.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

Tgt Ion:152 Resp: 212732
Ion Ratio Lower Upper
152 100
115 54.4 27.8 83.4
150 154.9 0.0 348.4

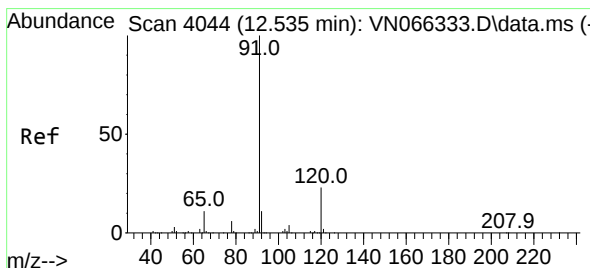
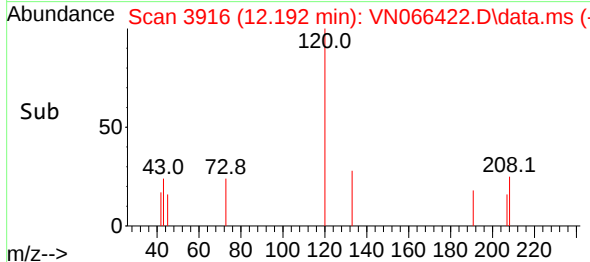
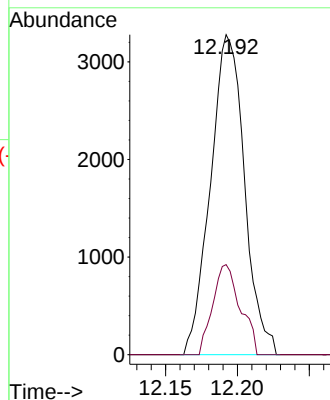
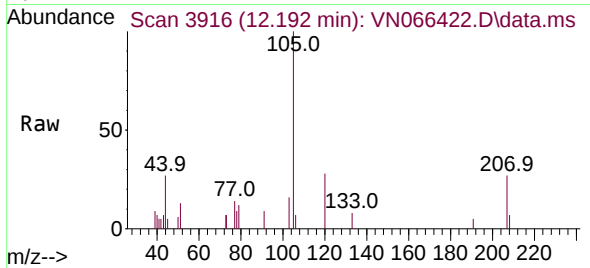




#73
Isopropylbenzene
Concen: 0.34 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

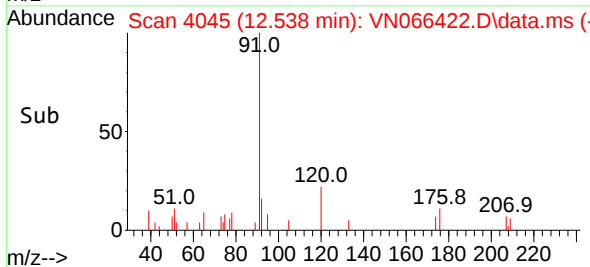
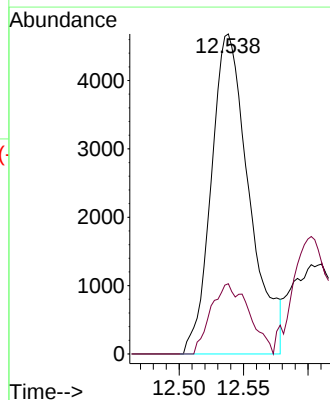
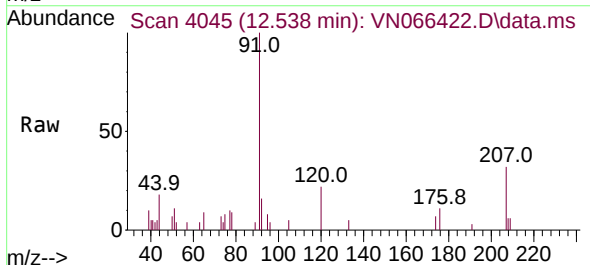
Instrument :
MSVOA_N
ClientSampled :
LMW01DL

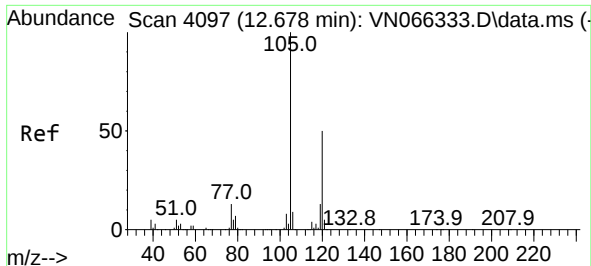
Tgt Ion:105 Resp: 5388
Ion Ratio Lower Upper
105 100
120 22.8 13.3 39.8



#78
n-propylbenzene
Concen: 0.55 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

Tgt Ion: 91 Resp: 9546
Ion Ratio Lower Upper
91 100
120 22.2 11.7 35.1

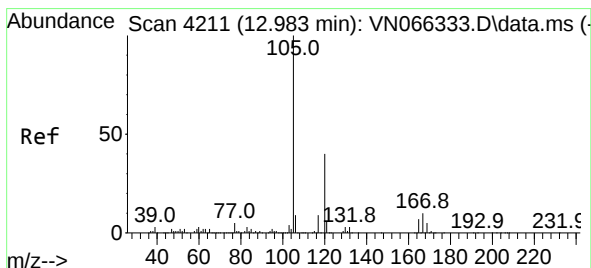
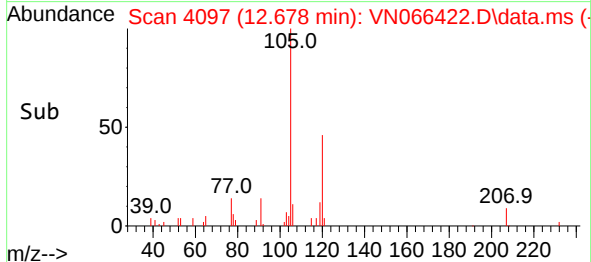
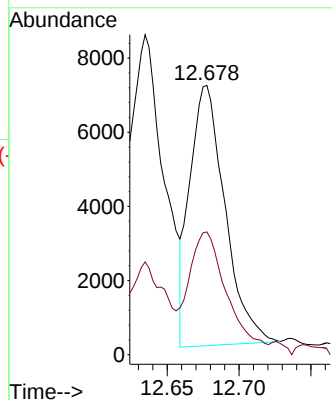
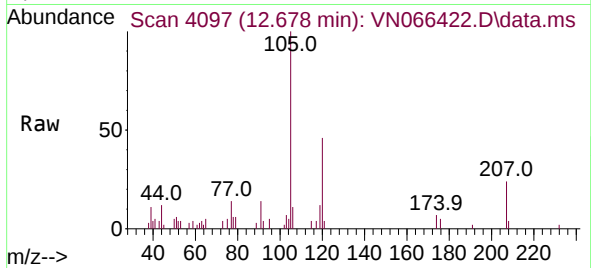




#80
1,3,5-Trimethylbenzene
Concen: 0.92 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

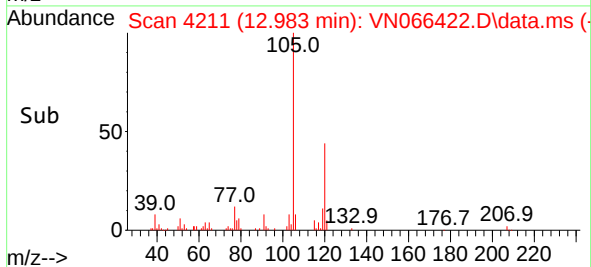
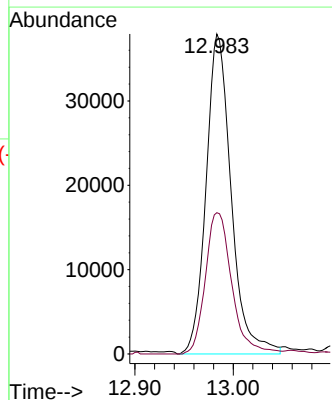
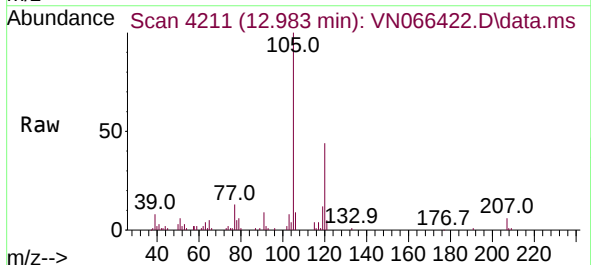
Instrument :
MSVOA_N
ClientSampleId :
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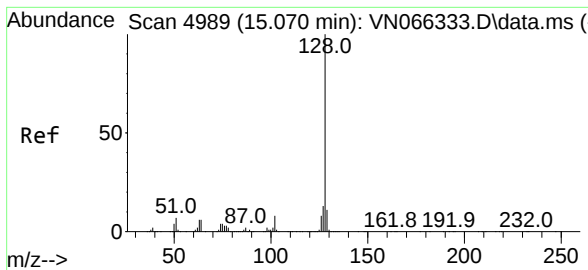
Tgt Ion:105 Resp: 11923
Ion Ratio Lower Upper
105 100
120 44.9 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 5.36 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

Tgt Ion:105 Resp: 67371
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.2





#95
Naphthalene
Concen: 3.62 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066422.D
Acq: 30 Mar 2021 16:08

Instrument :
MSVOA_N
ClientSampleId :
LMW01DL

Tgt Ion:	128	Resp:	31375
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.2	8.5	12.7

