

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066059.D
 Acq On : 26 Feb 2021 18:17
 Operator : JC/MD
 Sample : M1489-04 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-41071-72

Quant Time: Feb 26 23:36:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

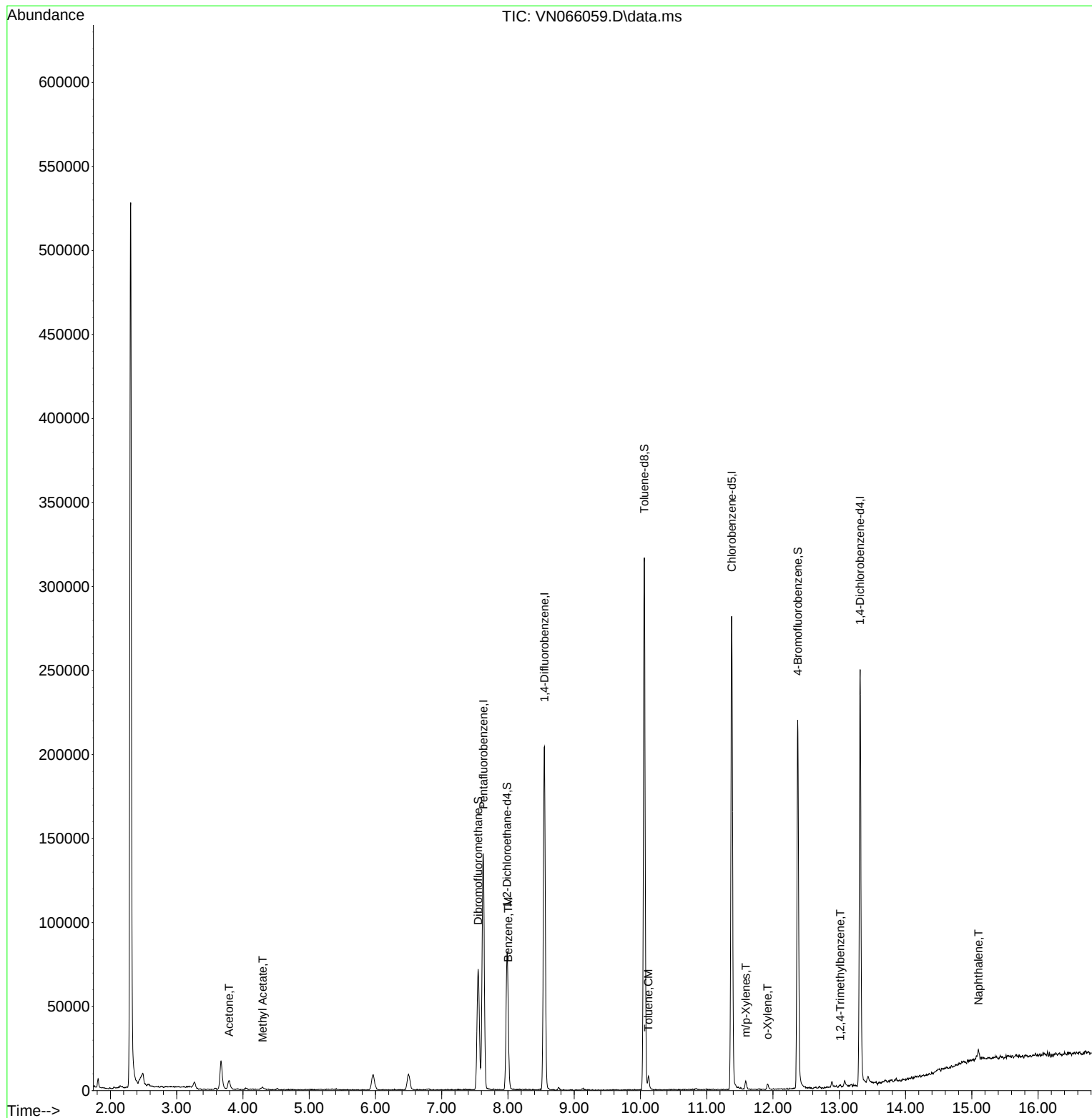
Internal Standards						
1) Pentafluorobenzene	7.627	168	112319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	184459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	171058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	70268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	75765	48.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.48%		
35) Dibromofluoromethane	7.550	113	56201	49.23	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.46%		
50) Toluene-d8	10.058	98	225321	48.08	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.16%		
62) 4-Bromofluorobenzene	12.373	95	85163	48.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.82%		
Target Compounds					Qvalue	
16) Acetone	3.791	43	9400	17.56	ug/l	89
18) Methyl Acetate	4.296	43	2277	1.75	ug/l #	73
40) Benzene	8.003	78	2090	0.37	ug/l #	84
52) Toluene	10.119	92	3527	1.03	ug/l	95
68) m/p-Xylenes	11.592	106	1756	0.73	ug/l	86
69) o-Xylene	11.920	106	945	0.41	ug/l	58
84) 1,2,4-Trimethylbenzene	13.016	105	1237	0.25	ug/l	94
95) Naphthalene	15.100	128	5131	4.24	ug/l #	95

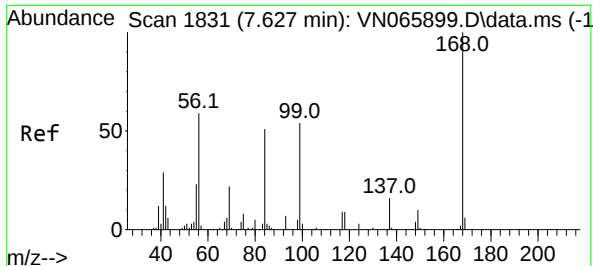
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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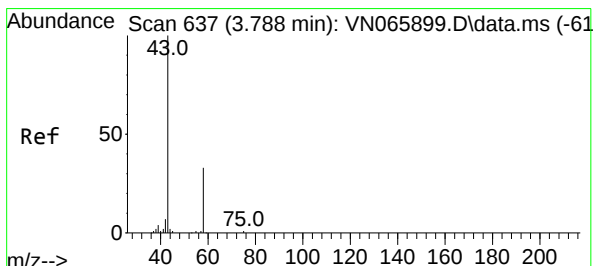
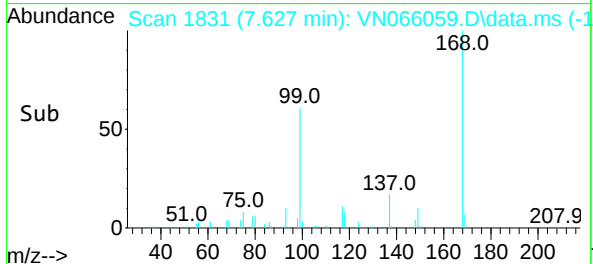
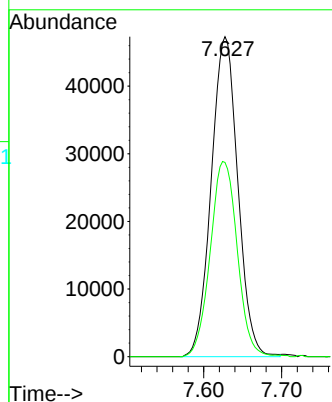
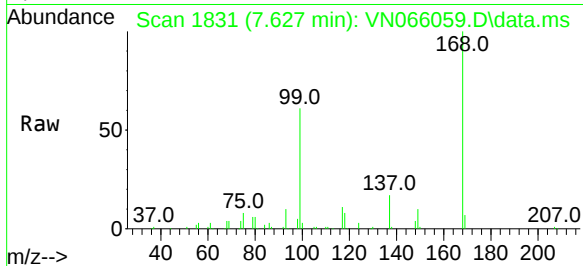




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

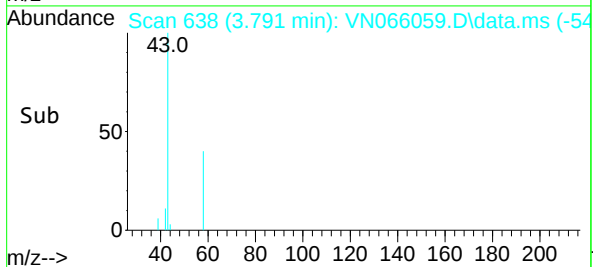
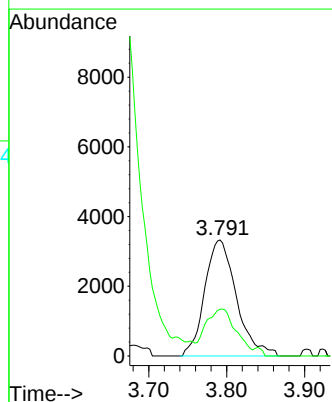
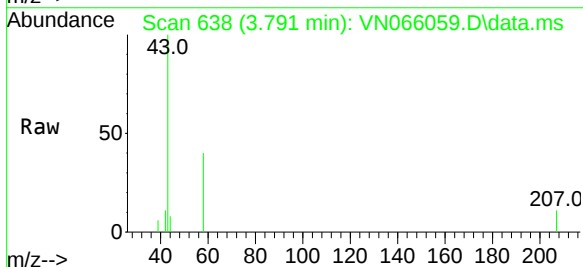
Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72

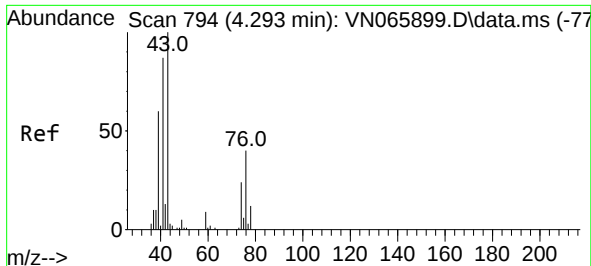
Tgt Ion:168 Resp: 112319
Ion Ratio Lower Upper
168 100
99 60.7 42.6 63.8



#16
Acetone
Concen: 17.56 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

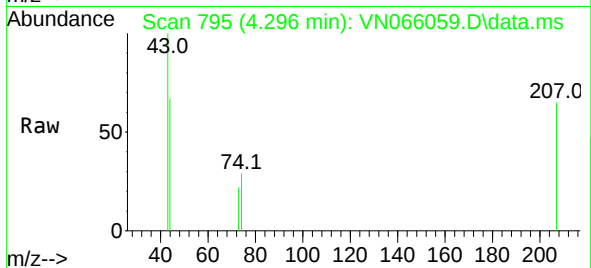
Tgt Ion: 43 Resp: 9400
Ion Ratio Lower Upper
43 100
58 40.2 27.0 40.6



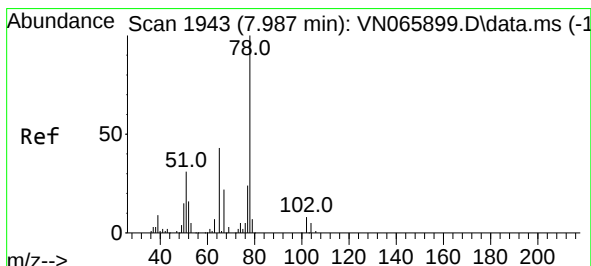
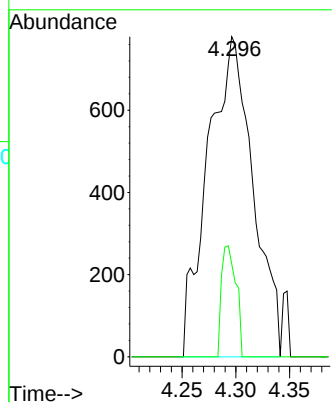
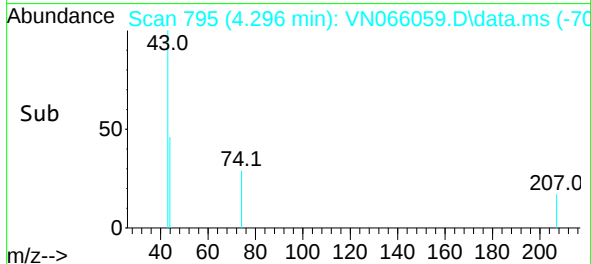


#18
Methyl Acetate
Concen: 1.75 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.003 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

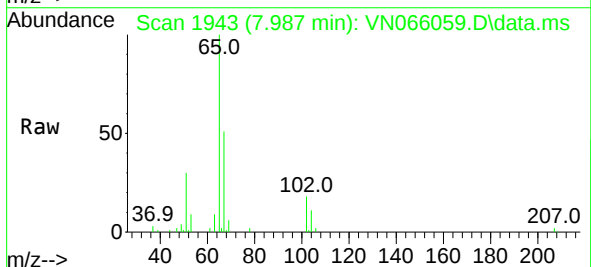
Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72



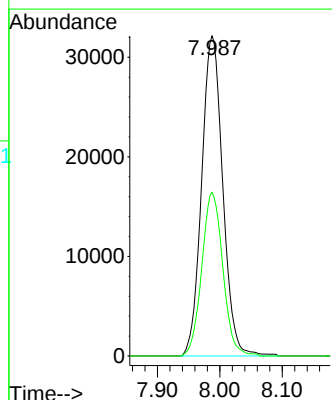
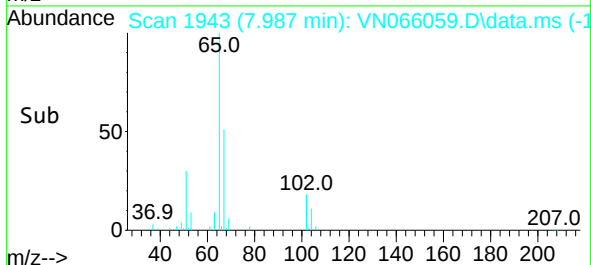
Tgt Ion: 43 Resp: 2277
Ion Ratio Lower Upper
43 100
74 11.1 19.5 29.3#

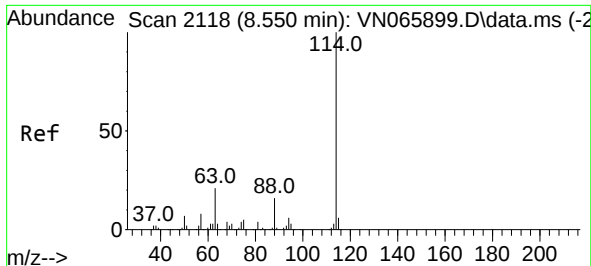


#33
1,2-Dichloroethane-d4
Concen: 48.24 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17



Tgt Ion: 65 Resp: 75765
Ion Ratio Lower Upper
65 100
67 50.9 0.0 107.2

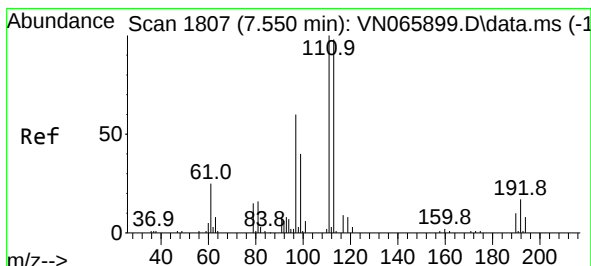
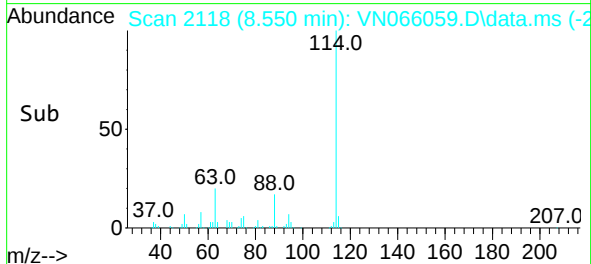
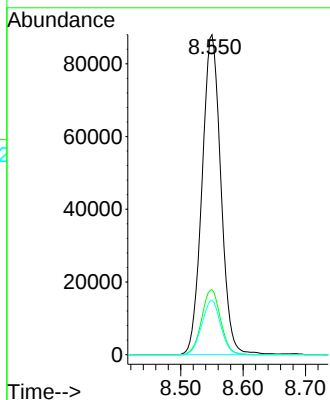
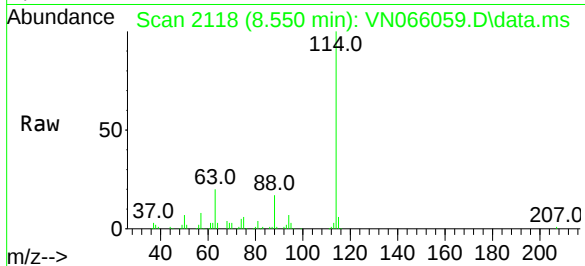




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

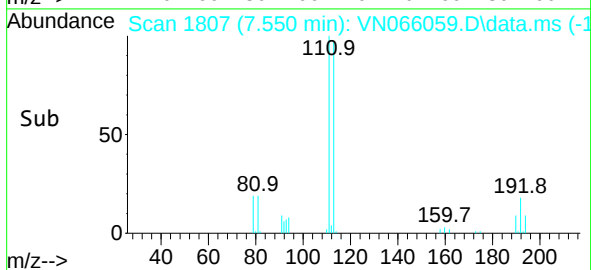
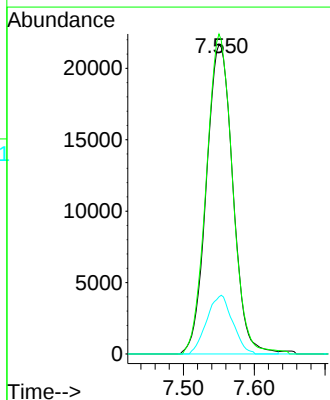
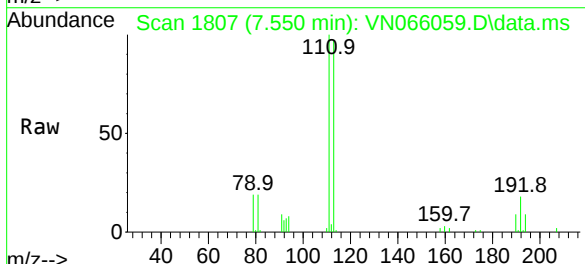
Instrument :
MSVOA_N
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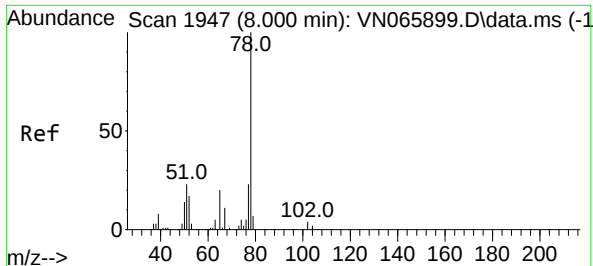
Tgt Ion:	114	Resp:	184459
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	38.6
88	17.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.23 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

Tgt Ion:	113	Resp:	56201
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.2	123.2
192	18.5	15.4	23.0





#40

Benzene

Concen: 0.37 ug/l

RT: 8.003 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VN066059.D

Acq: 26 Feb 2021 18:17

Tgt Ion: 78 Resp: 2090

Ion Ratio Lower Upper

78 100

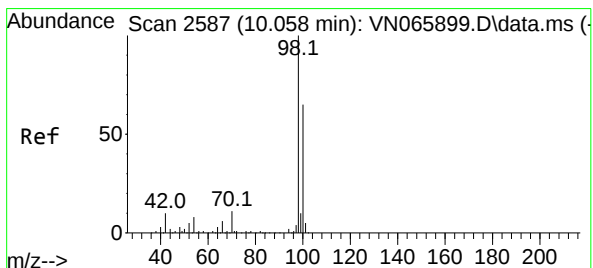
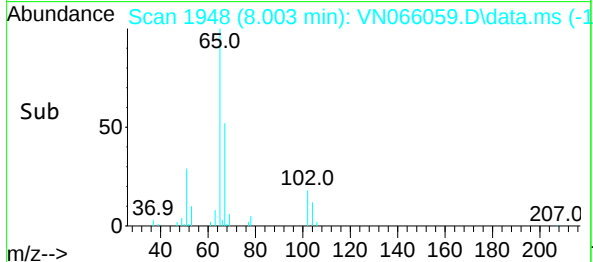
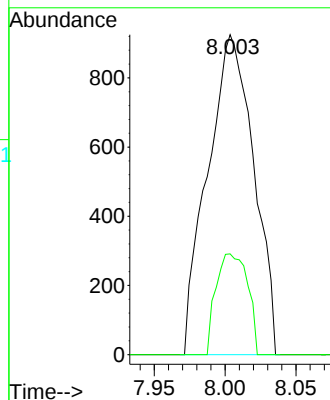
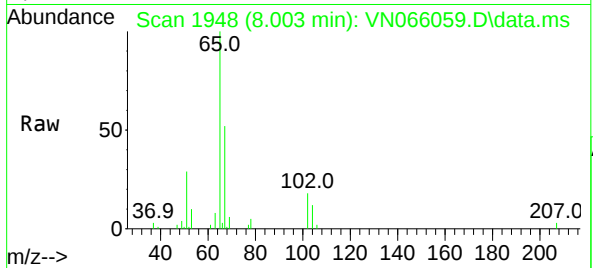
77 31.5 19.0 28.4#

Instrument :

MSVOA_N

ClientSampleId :

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#50

Toluene-d8

Concen: 48.08 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN066059.D

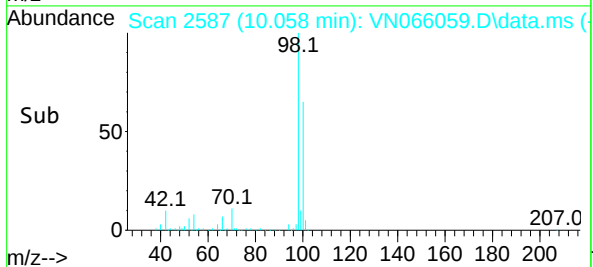
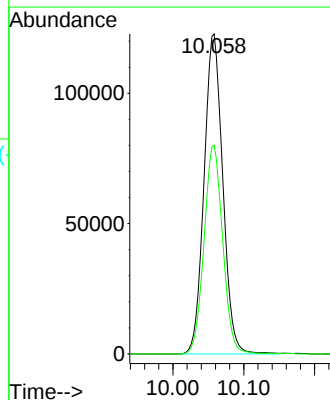
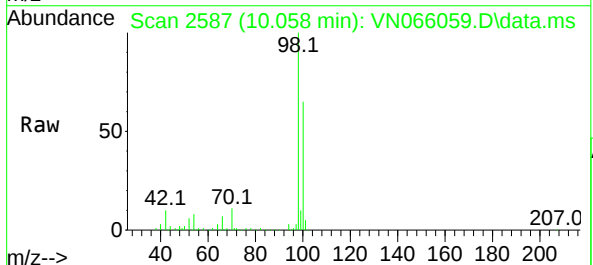
Acq: 26 Feb 2021 18:17

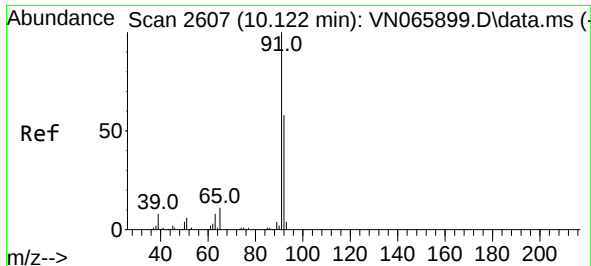
Tgt Ion: 98 Resp: 225321

Ion Ratio Lower Upper

98 100

100 65.1 50.5 75.7

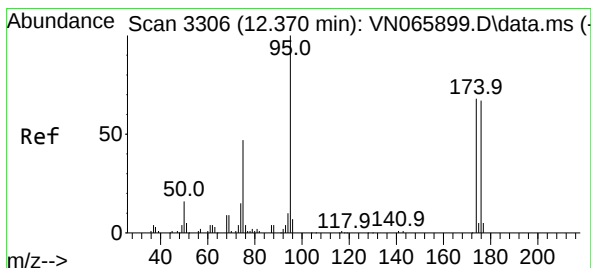
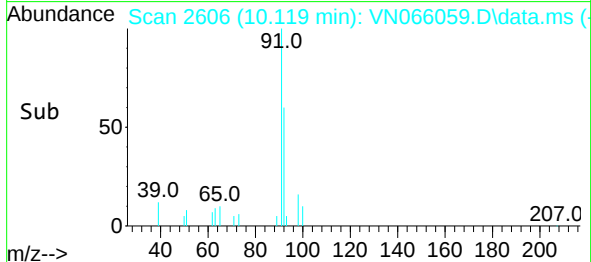
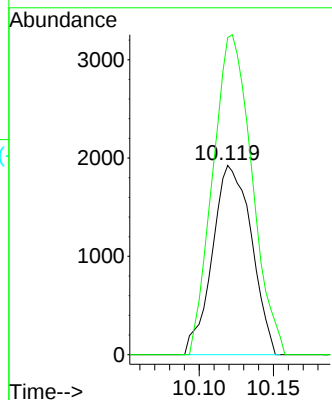
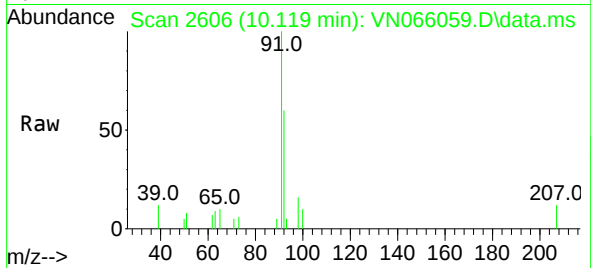




#52
Toluene
Concen: 1.03 ug/l
RT: 10.119 min Scan# 2606
Delta R.T. -0.003 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

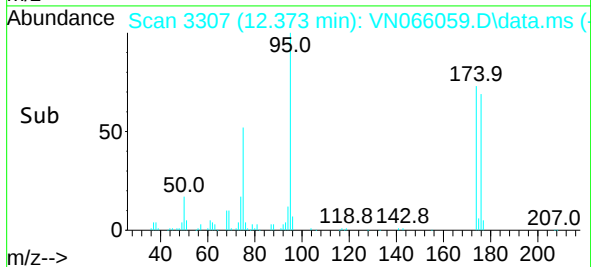
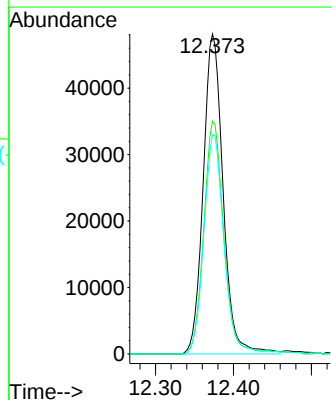
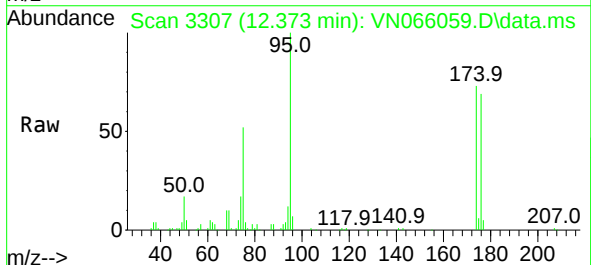
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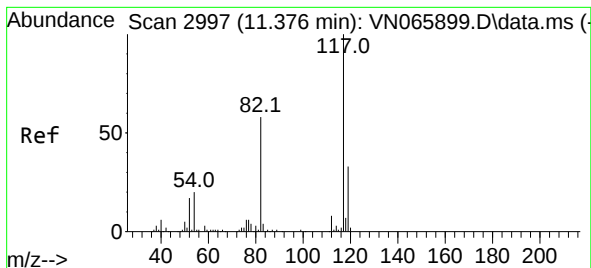
Tgt Ion: 92 Resp: 3527
Ion Ratio Lower Upper
92 100
91 169.0 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 48.41 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

Tgt Ion: 95 Resp: 85163
Ion Ratio Lower Upper
95 100
174 72.8 0.0 169.0
176 70.0 0.0 162.4

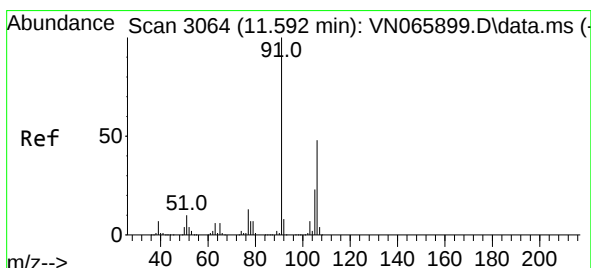
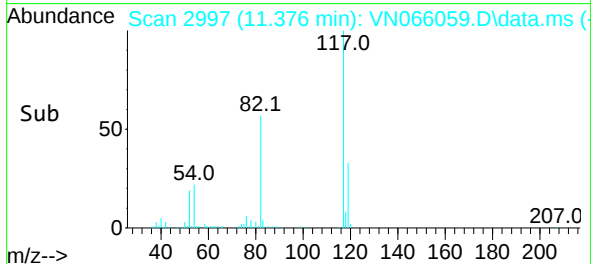
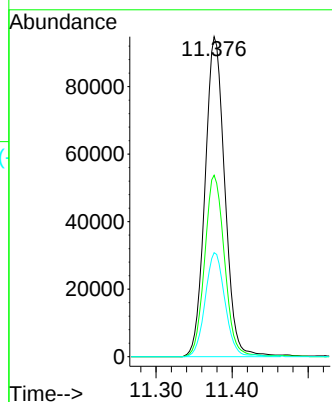
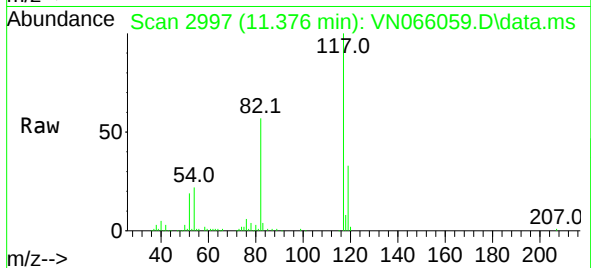




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

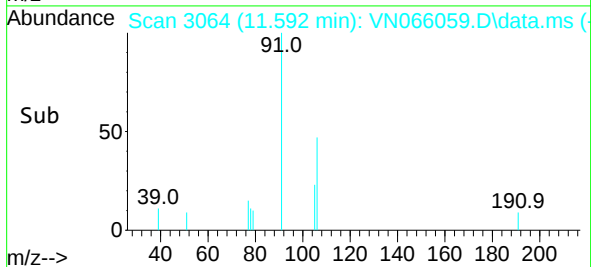
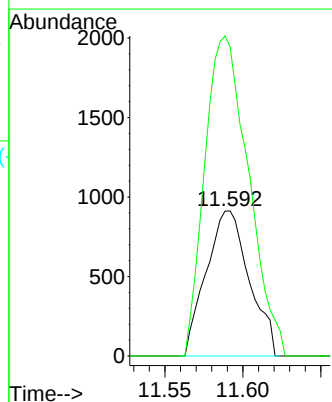
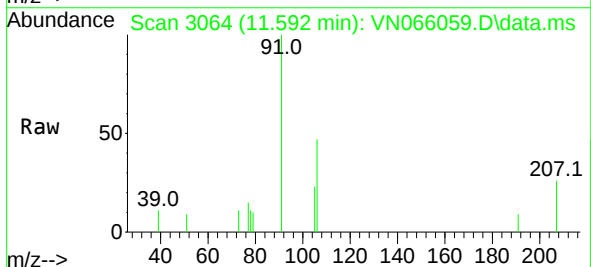
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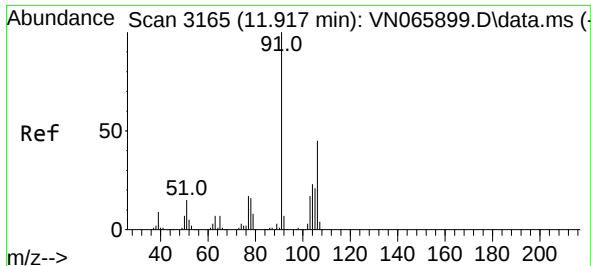
Tgt Ion:117 Resp: 171058
Ion Ratio Lower Upper
117 100
82 56.7 43.7 65.5
119 32.5 26.1 39.1



#68
m/p-Xylenes
Concen: 0.73 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

Tgt Ion:106 Resp: 1756
Ion Ratio Lower Upper
106 100
91 223.2 161.4 242.0

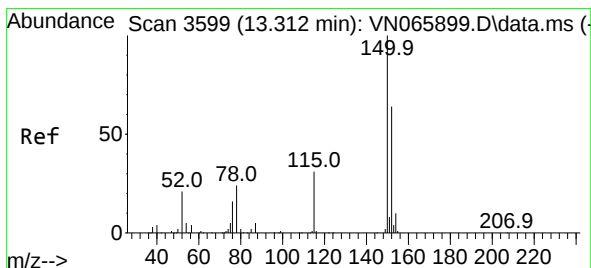
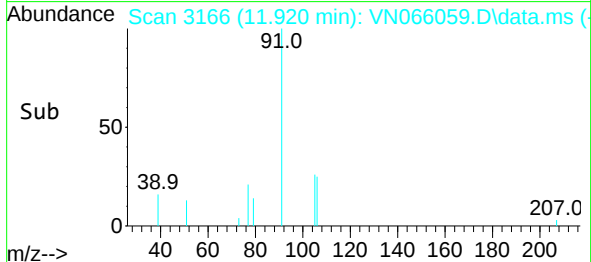
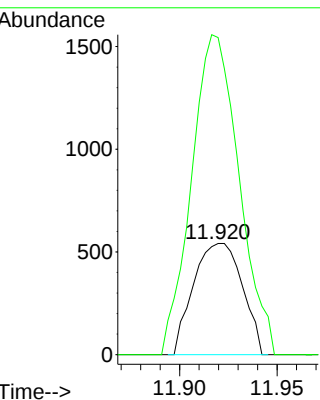
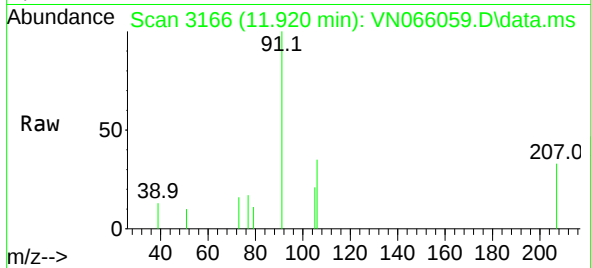




#69
o-Xylene
Concen: 0.41 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

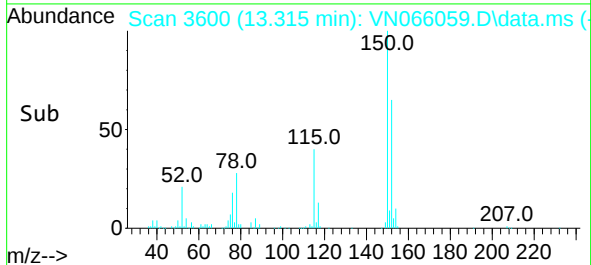
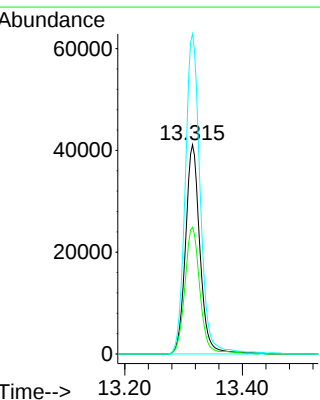
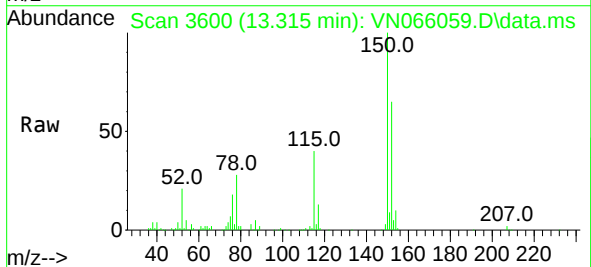
Instrument :
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COMP-41071-72

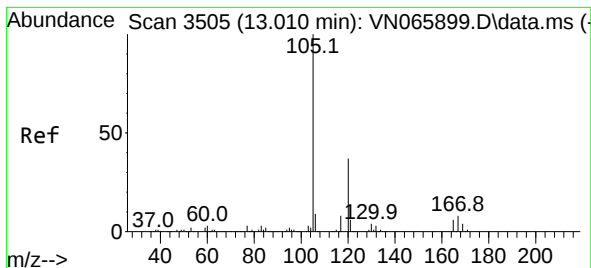
Tgt Ion:106 Resp: 945
Ion Ratio Lower Upper
106 100
91 279.5 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

Tgt Ion:152 Resp: 70268
Ion Ratio Lower Upper
152 100
115 61.8 28.5 85.6
150 157.5 0.0 347.6

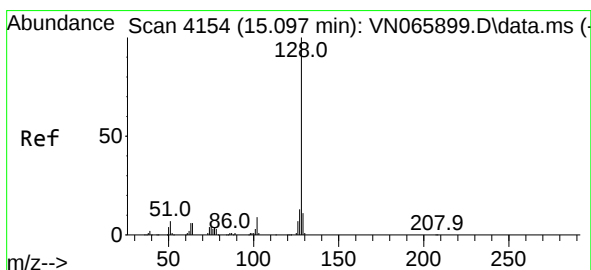
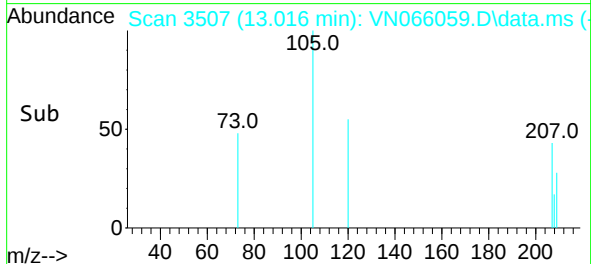
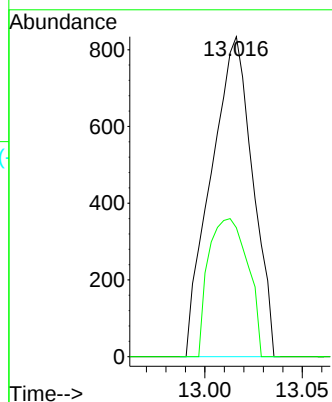
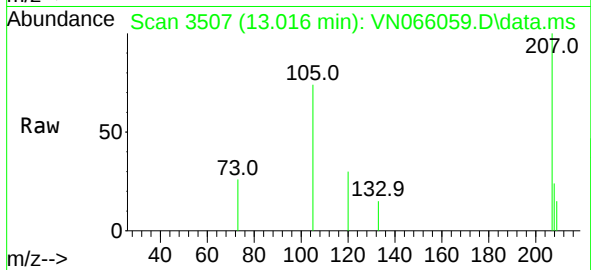




#84
1,2,4-Trimethylbenzene
Concen: 0.25 ug/l
RT: 13.016 min Scan# 3507
Delta R.T. 0.006 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72

Tgt Ion:105 Resp: 1237
Ion Ratio Lower Upper
105 100
120 40.6 22.4 67.0



#95
Naphthalene
Concen: 4.24 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066059.D
Acq: 26 Feb 2021 18:17

Tgt Ion:128 Resp: 5131
Ion Ratio Lower Upper
128 100
127 9.6 10.2 15.2#
129 11.6 8.6 13.0

