

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066086.D
 Acq On : 1 Mar 2021 19:04
 Operator : JC/MD
 Sample : M1489-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-41706-07

Quant Time: Mar 01 21:46:06 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)

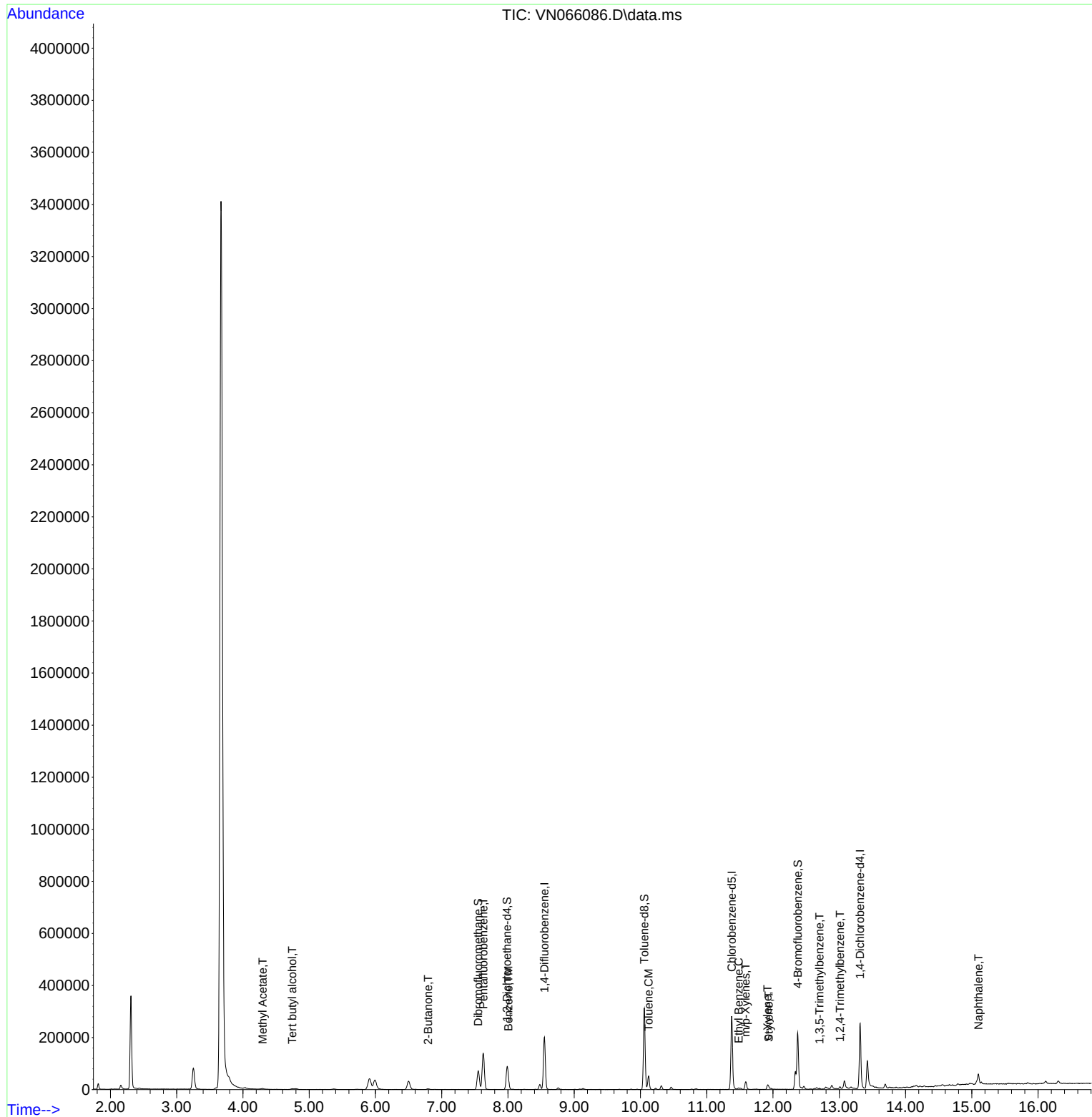
Internal Standards						
1) Pentafluorobenzene	7.627	168	113501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	181541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	166247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	71250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	76938	48.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.94%		
35) Dibromofluoromethane	7.550	113	55435	49.34	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.68%		
50) Toluene-d8	10.058	98	224150	48.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.20%		
62) 4-Bromofluorobenzene	12.373	95	81547	47.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.20%		
Target Compounds						
11) Tert butyl alcohol	4.746	59	5610	25.42	ug/l #	93
18) Methyl Acetate	4.296	43	4433	3.38	ug/l #	69
25) 2-Butanone	6.794	43	5583	7.11	ug/l	93
40) Benzene	8.007	78	12264	2.23	ug/l	99
52) Toluene	10.122	92	22768	6.75	ug/l	95
67) Ethyl Benzene	11.482	91	4630	0.74	ug/l	97
68) m/p-Xylenes	11.588	106	9644	4.11	ug/l	98
69) o-Xylene	11.920	106	3933	1.74	ug/l	86
70) Styrene	11.936	104	4264	1.14	ug/l #	87
80) 1,3,5-Trimethylbenzene	12.701	105	1861	0.38	ug/l	88
84) 1,2,4-Trimethylbenzene	13.010	105	5516	1.11	ug/l	93
95) Naphthalene	15.100	128	34166	10.82	ug/l	99

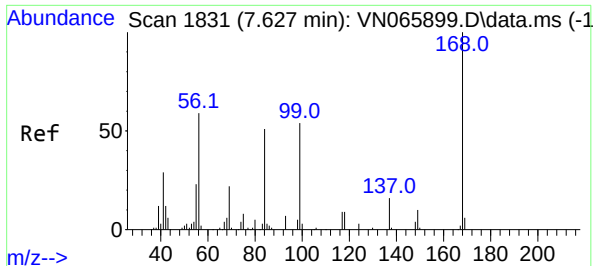
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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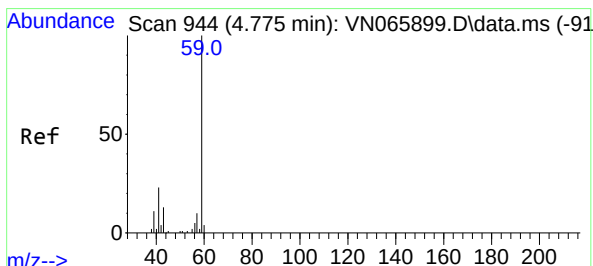
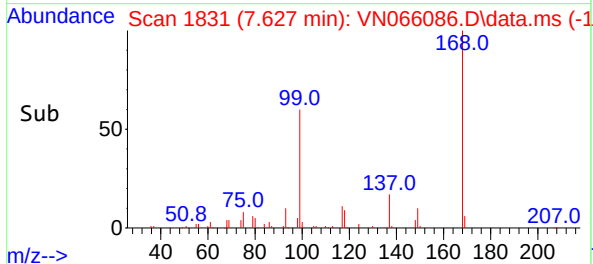
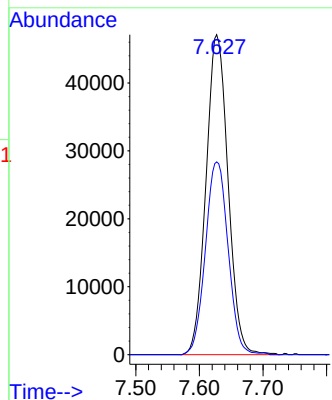
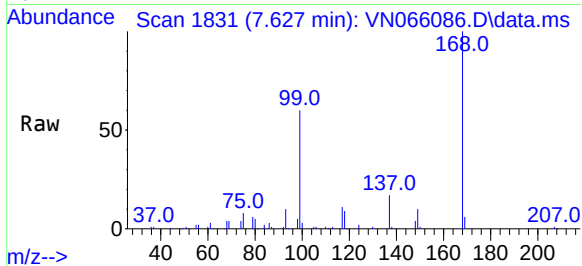




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

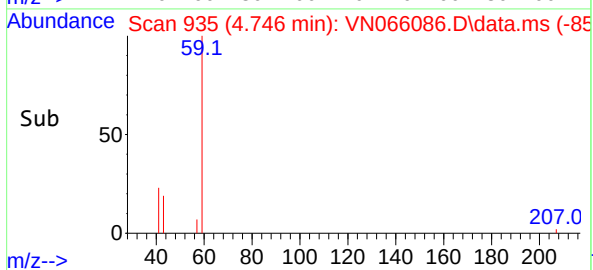
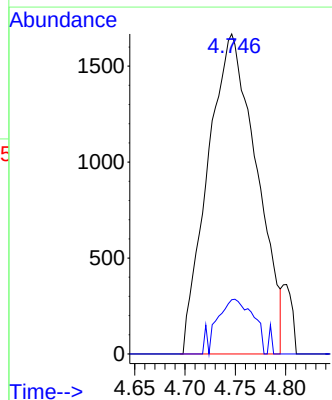
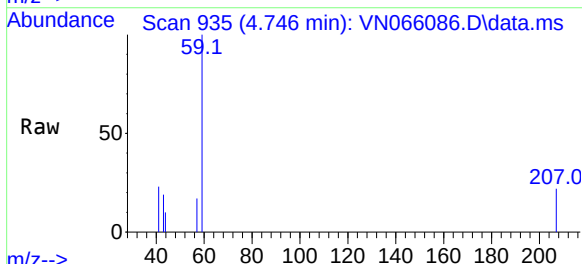
Instrument :
MSVOA_N
ClientSampleId :
COMP-41706-07

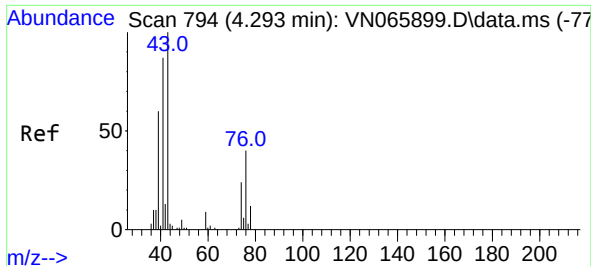
Tgt Ion:168 Resp: 113501
Ion Ratio Lower Upper
168 100
99 60.3 42.6 63.8



#11
Tert butyl alcohol
Concen: 25.42 ug/l
RT: 4.746 min Scan# 935
Delta R.T. -0.029 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Tgt Ion: 59 Resp: 5610
Ion Ratio Lower Upper
59 100
57 12.7 8.0 12.0#

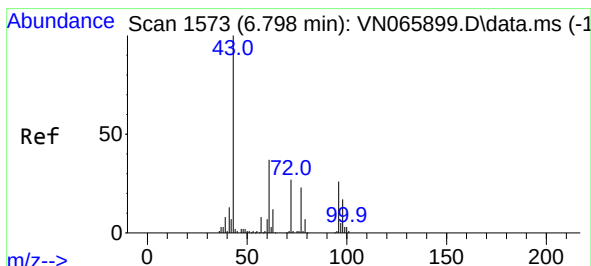
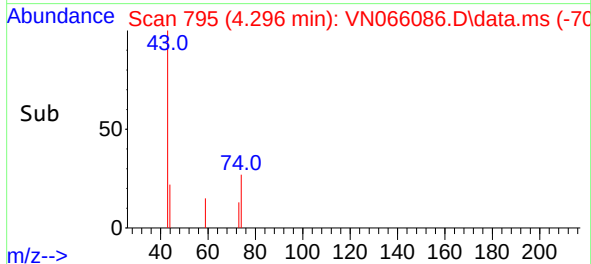
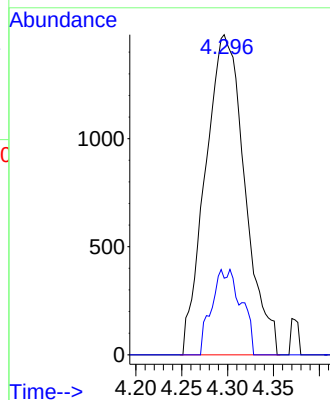
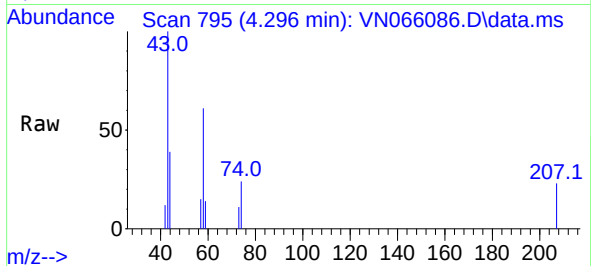




#18
Methyl Acetate
Concen: 3.38 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.003 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

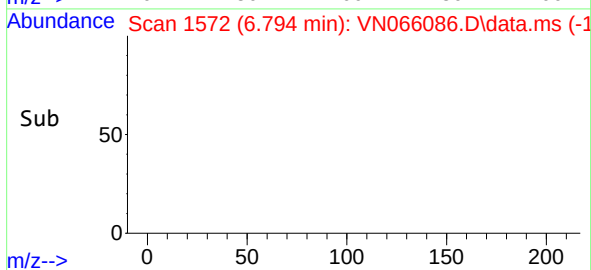
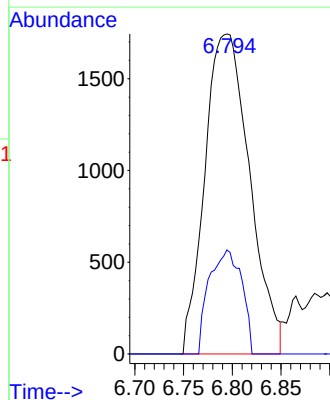
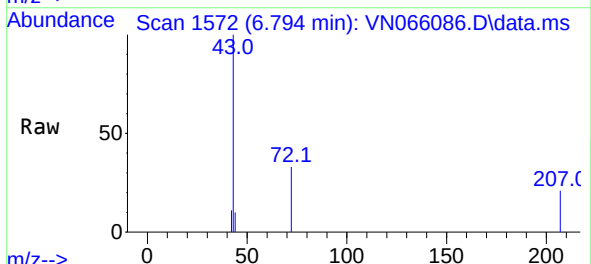
Instrument :
MSVOA_N
ClientSampleId :
COMP-41706-07

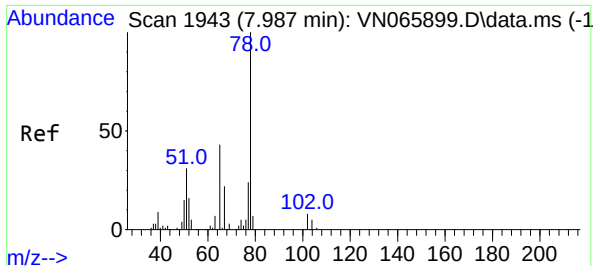
Tgt Ion: 43 Resp: 4433
Ion Ratio Lower Upper
43 100
74 9.2 19.5 29.3#



#25
2-Butanone
Concen: 7.11 ug/l
RT: 6.794 min Scan# 1572
Delta R.T. -0.004 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Tgt Ion: 43 Resp: 5583
Ion Ratio Lower Upper
43 100
72 32.5 23.1 34.7

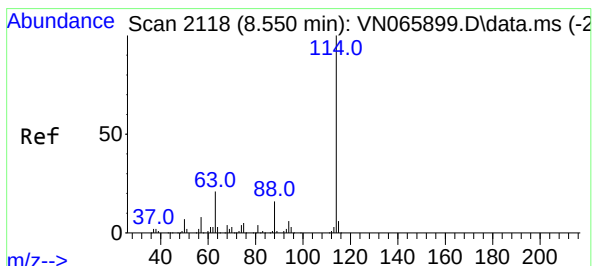
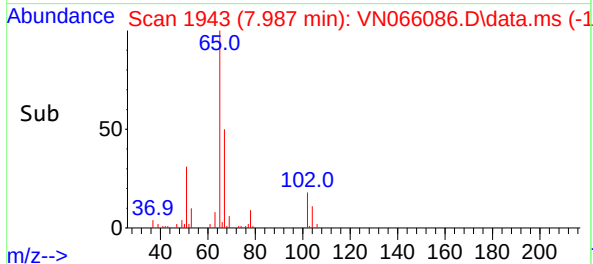
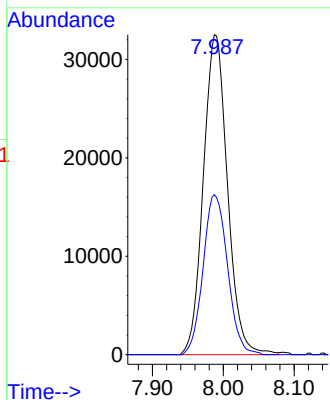
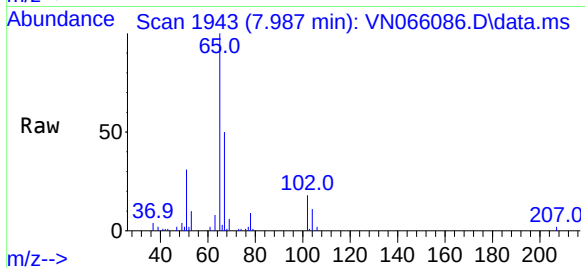




#33
1,2-Dichloroethane-d4
Concen: 48.47 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

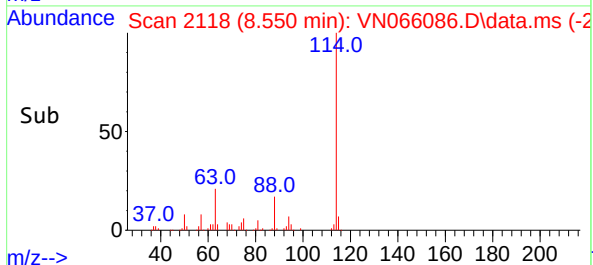
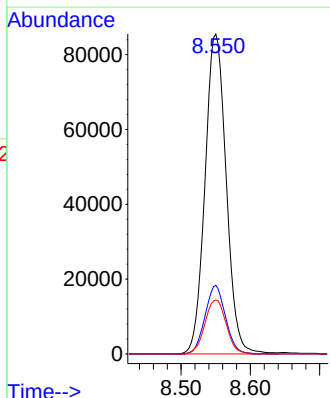
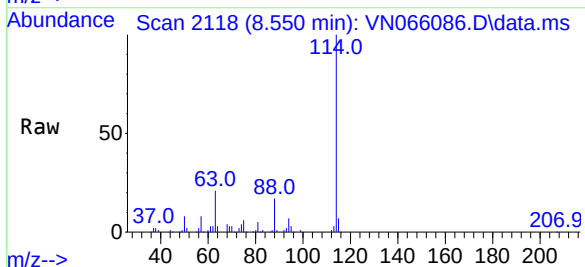
Instrument :
MSVOA_N
ClientSampleId :
COMP-41706-07

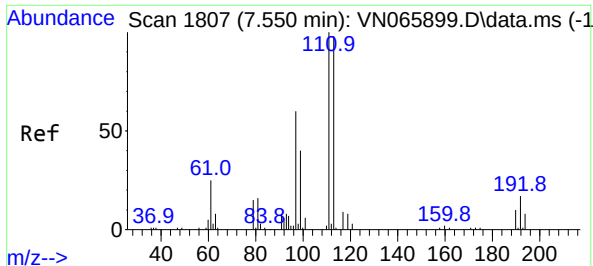
Tgt Ion: 65 Resp: 76938
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Tgt Ion: 114 Resp: 181541
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.6
88 16.9 0.0 30.6

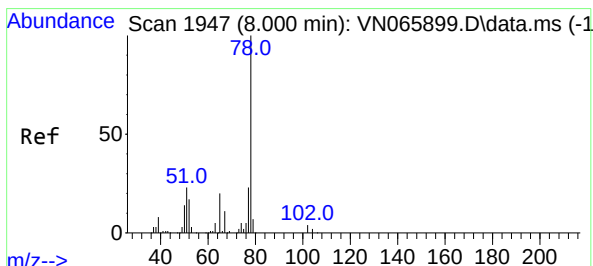
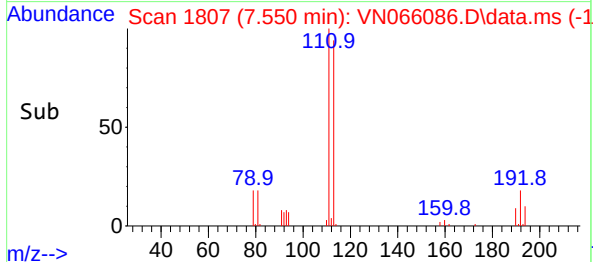
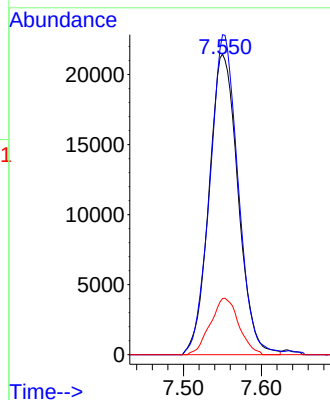
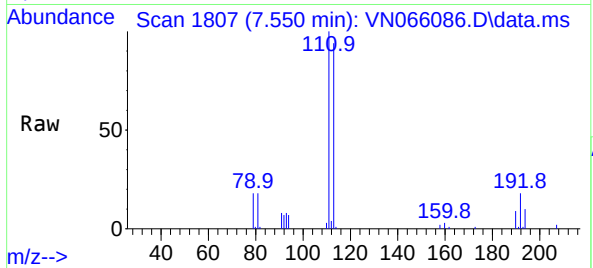




#35
Dibromofluoromethane
Concen: 49.34 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

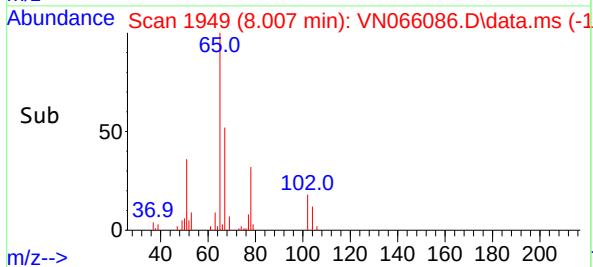
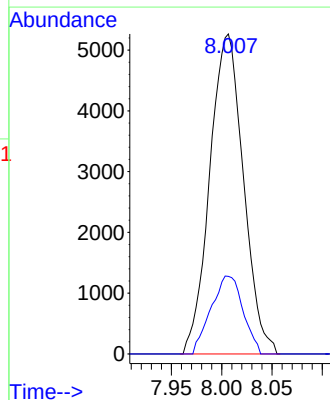
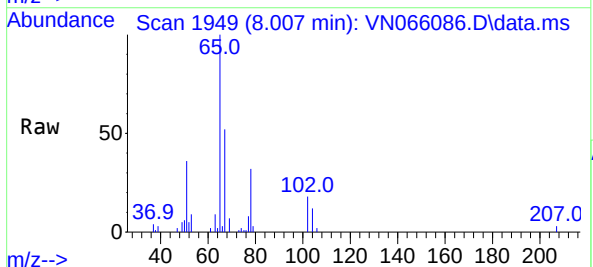
Instrument :
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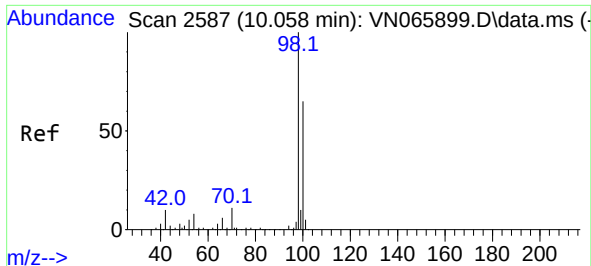
Tgt Ion:113 Resp: 55435
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.4 15.4 23.0



#40
Benzene
Concen: 2.23 ug/l
RT: 8.007 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Tgt Ion: 78 Resp: 12264
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

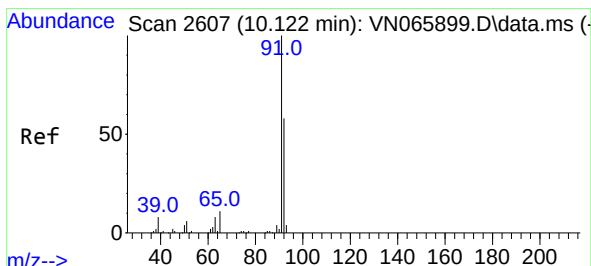
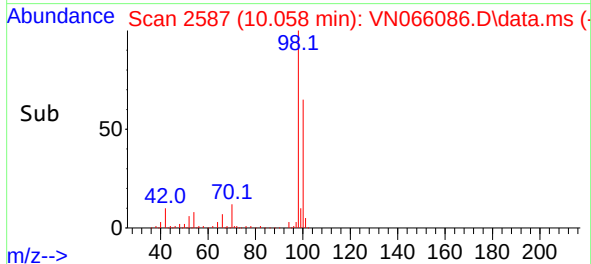
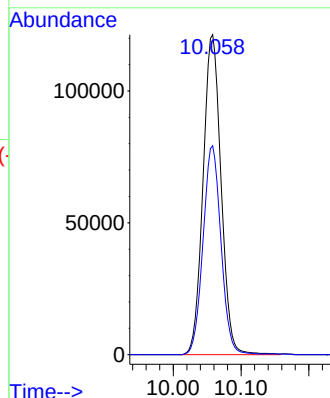
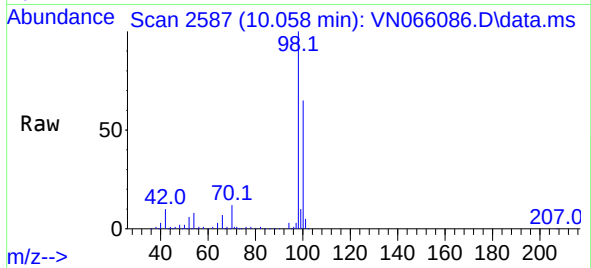




#50
Toluene-d8
Concen: 48.60 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

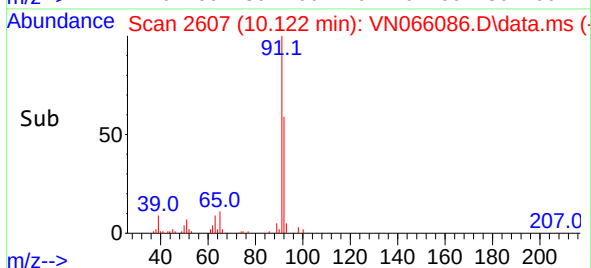
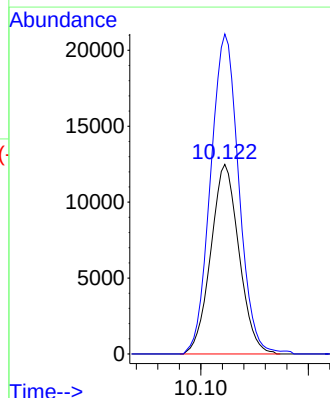
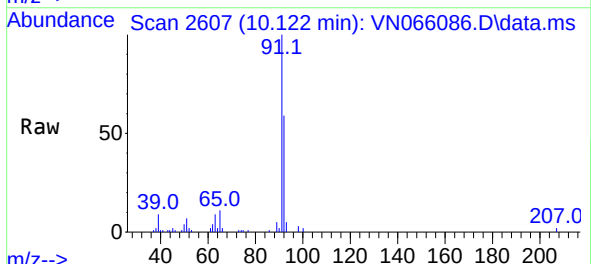
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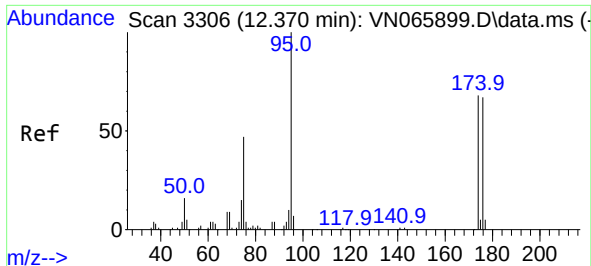
Tgt Ion: 98 Resp: 224150
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7



#52
Toluene
Concen: 6.75 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Tgt Ion: 92 Resp: 22768
Ion Ratio Lower Upper
92 100
91 168.8 140.7 211.1

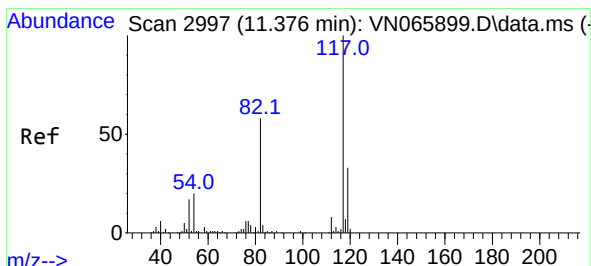
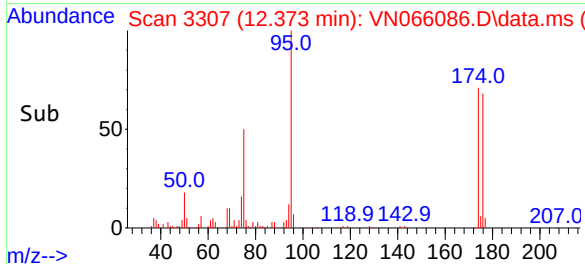
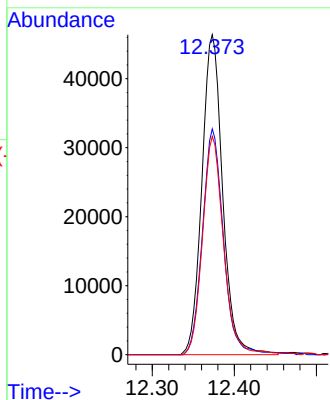
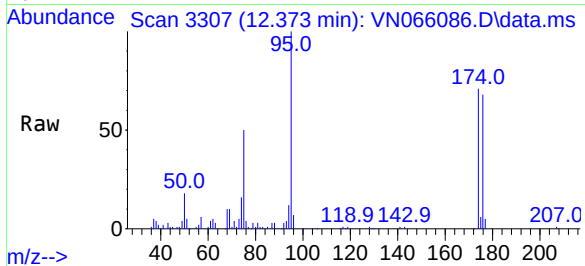




#62
4-Bromofluorobenzene
Concen: 47.10 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

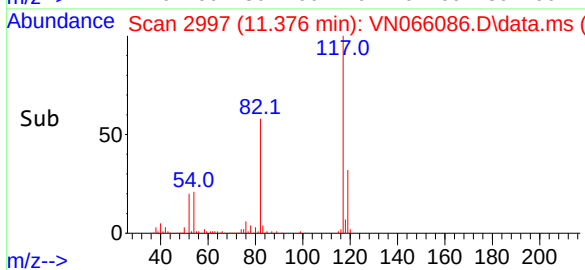
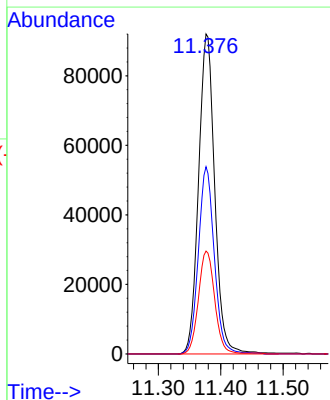
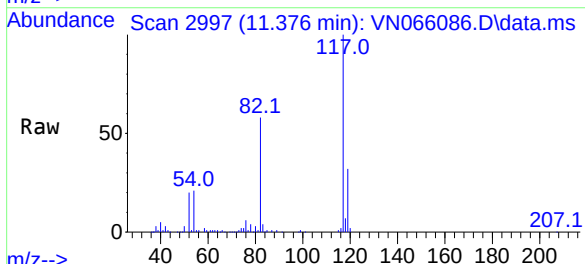
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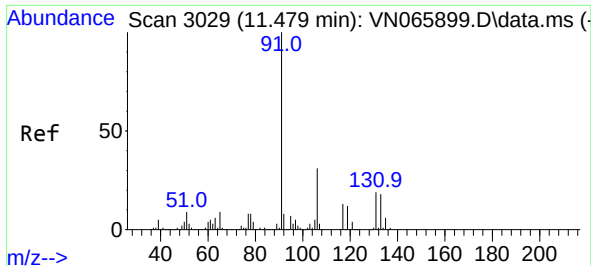
Tgt Ion:	95	Resp:	81547
Ion Ratio	Lower	Upper	
95	100		
174	71.2	0.0	169.0
176	68.8	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Tgt Ion:	117	Resp:	166247
Ion Ratio	Lower	Upper	
117	100		
82	58.5	43.7	65.5
119	32.2	26.1	39.1

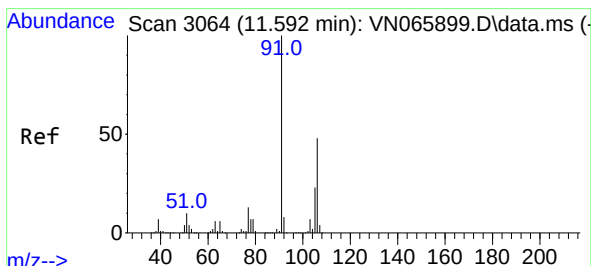
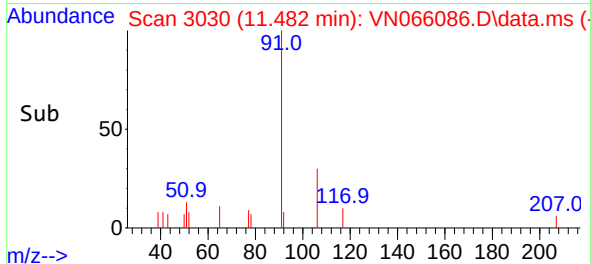
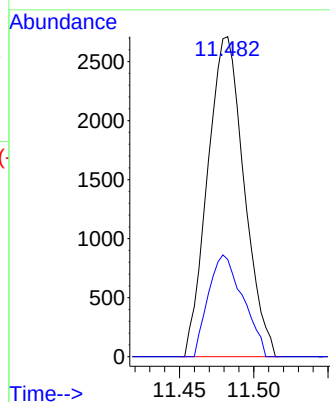
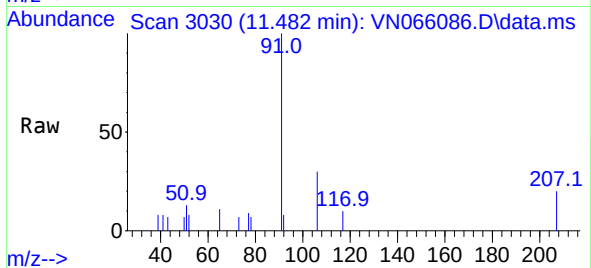




#67
Ethyl Benzene
Concen: 0.74 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

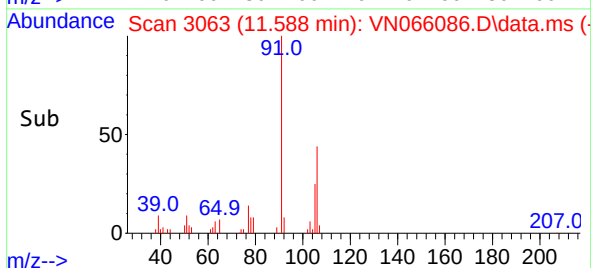
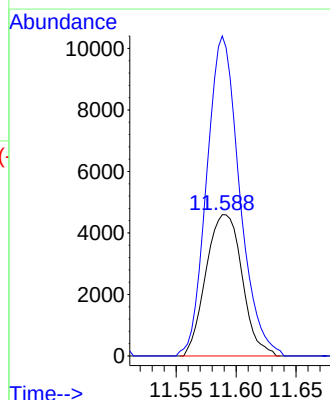
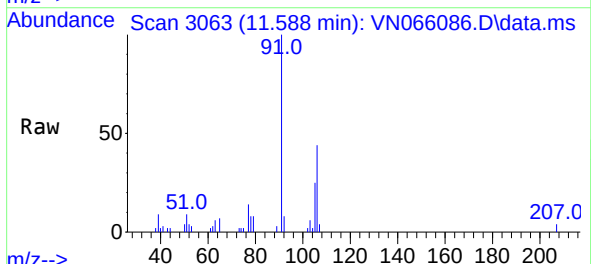
Instrument :
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COMP-41706-07

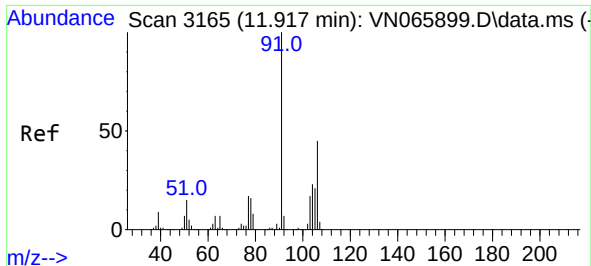
Tgt Ion: 91 Resp: 4630
Ion Ratio Lower Upper
91 100
106 30.4 25.5 38.3



#68
m/p-Xylenes
Concen: 4.11 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Tgt Ion:106 Resp: 9644
Ion Ratio Lower Upper
106 100
91 205.5 161.4 242.0

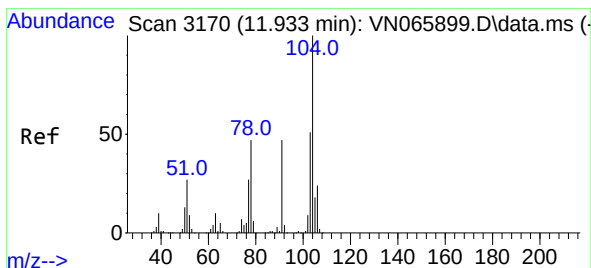
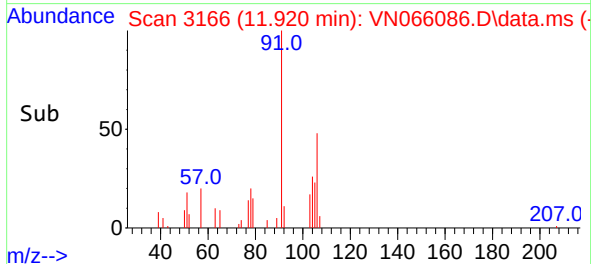
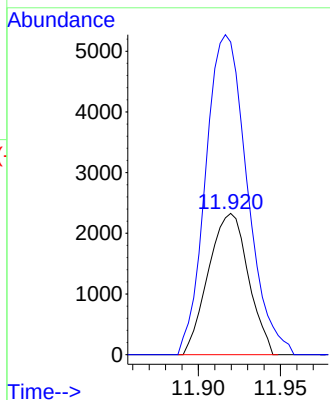
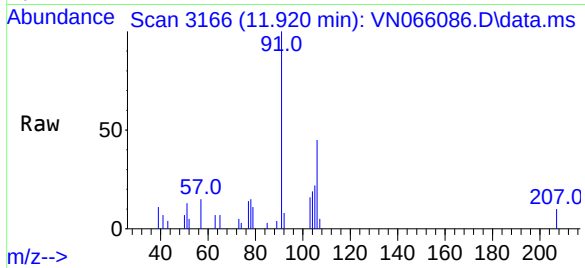




#69
o-Xylene
Concen: 1.74 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

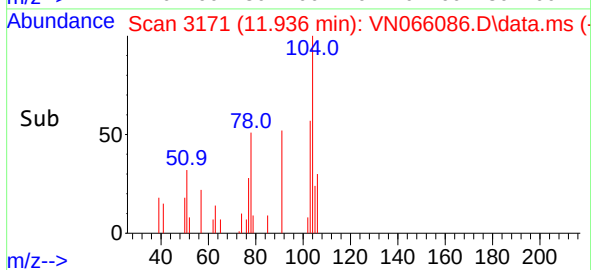
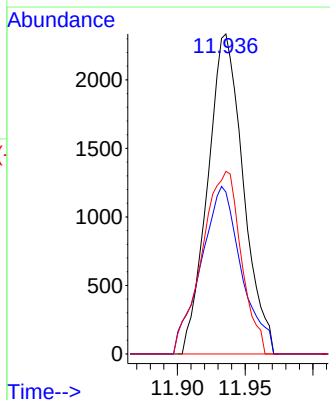
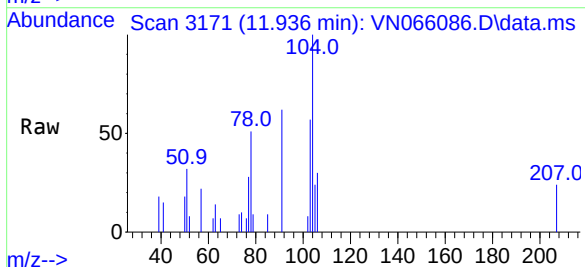
Instrument :
MSVOA_N
ClientSampleId :
COMP-41706-07

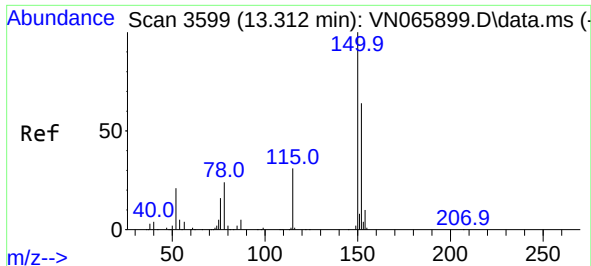
Tgt Ion:106 Resp: 3933
Ion Ratio Lower Upper
106 100
91 235.5 106.8 320.4



#70
Styrene
Concen: 1.14 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.003 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Tgt Ion:104 Resp: 4264
Ion Ratio Lower Upper
104 100
78 59.4 39.0 58.4#
103 62.9 44.5 66.7

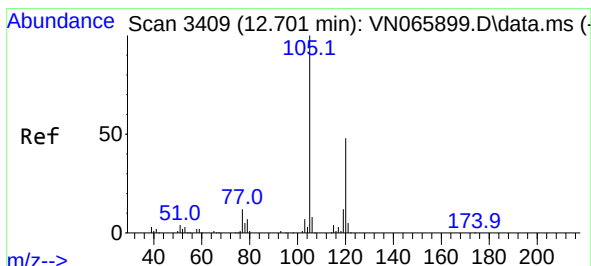
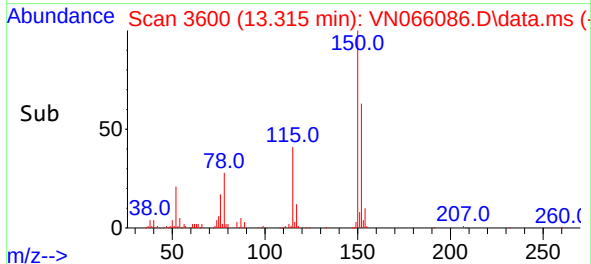
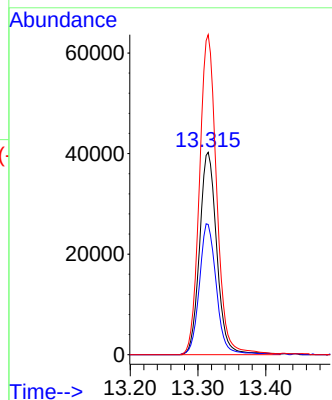
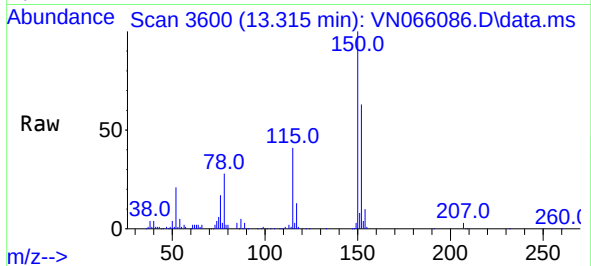




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

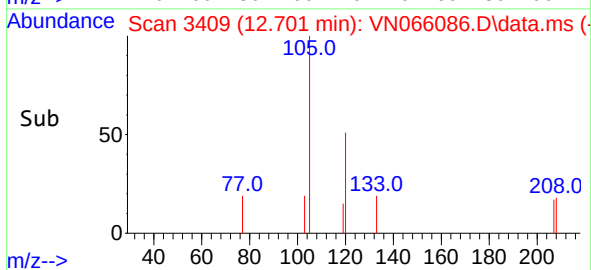
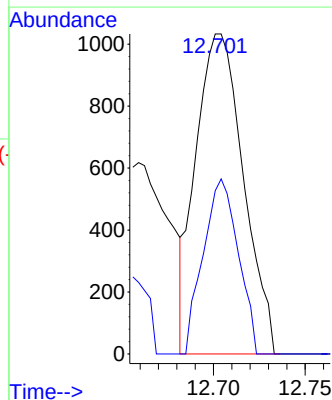
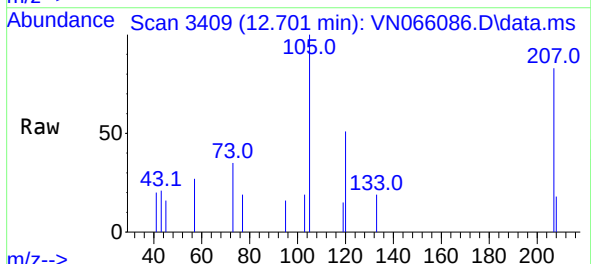
Instrument :
MSVOA_N
ClientSampleId :
COMP-41706-07

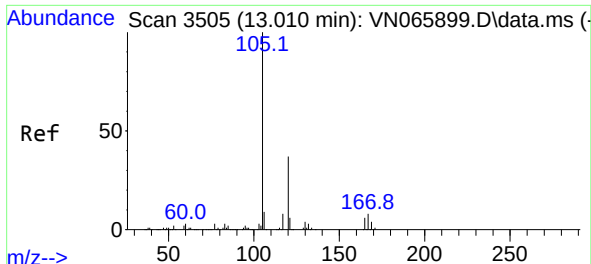
Tgt Ion:152 Resp: 71250
Ion Ratio Lower Upper
152 100
115 63.6 28.5 85.6
150 157.7 0.0 347.6



#80
1,3,5-Trimethylbenzene
Concen: 0.38 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.000 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Tgt Ion:105 Resp: 1861
Ion Ratio Lower Upper
105 100
120 40.3 24.3 72.8

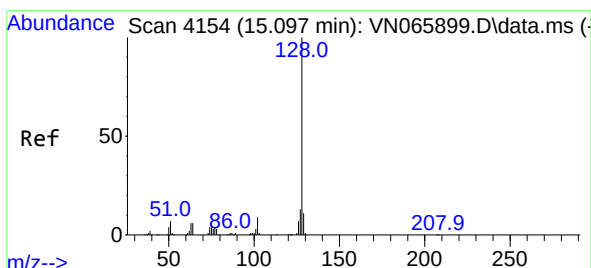
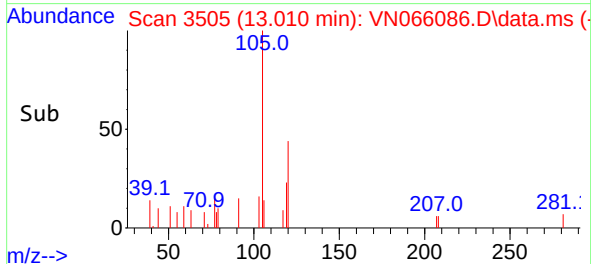
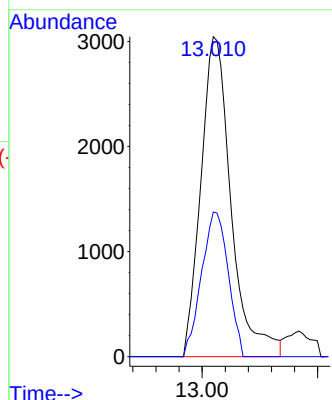
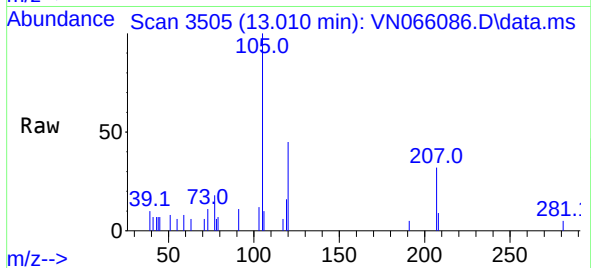




#84
1,2,4-Trimethylbenzene
Concen: 1.11 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Instrument :
MSVOA_N
ClientSampleId :
COMP-41706-07

Tgt Ion:105 Resp: 5516
Ion Ratio Lower Upper
105 100
120 39.9 22.4 67.0



#95
Naphthalene
Concen: 10.82 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066086.D
Acq: 1 Mar 2021 19:04

Tgt Ion:128 Resp: 34166
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.7 8.6 13.0

