

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059030.D
 Acq On : 31 Oct 2019 11:42
 Operator : JC/SP
 Sample : K5612-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Quant Time: Nov 01 01:33:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	441415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	687121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	602859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226833	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	295214	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
35) Dibromofluoromethane	7.57	113	219188	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	10.08	98	846925	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.41	95	269687	41.88	ug/l	0.00
Spiked Amount			Recovery	=	83.76%	

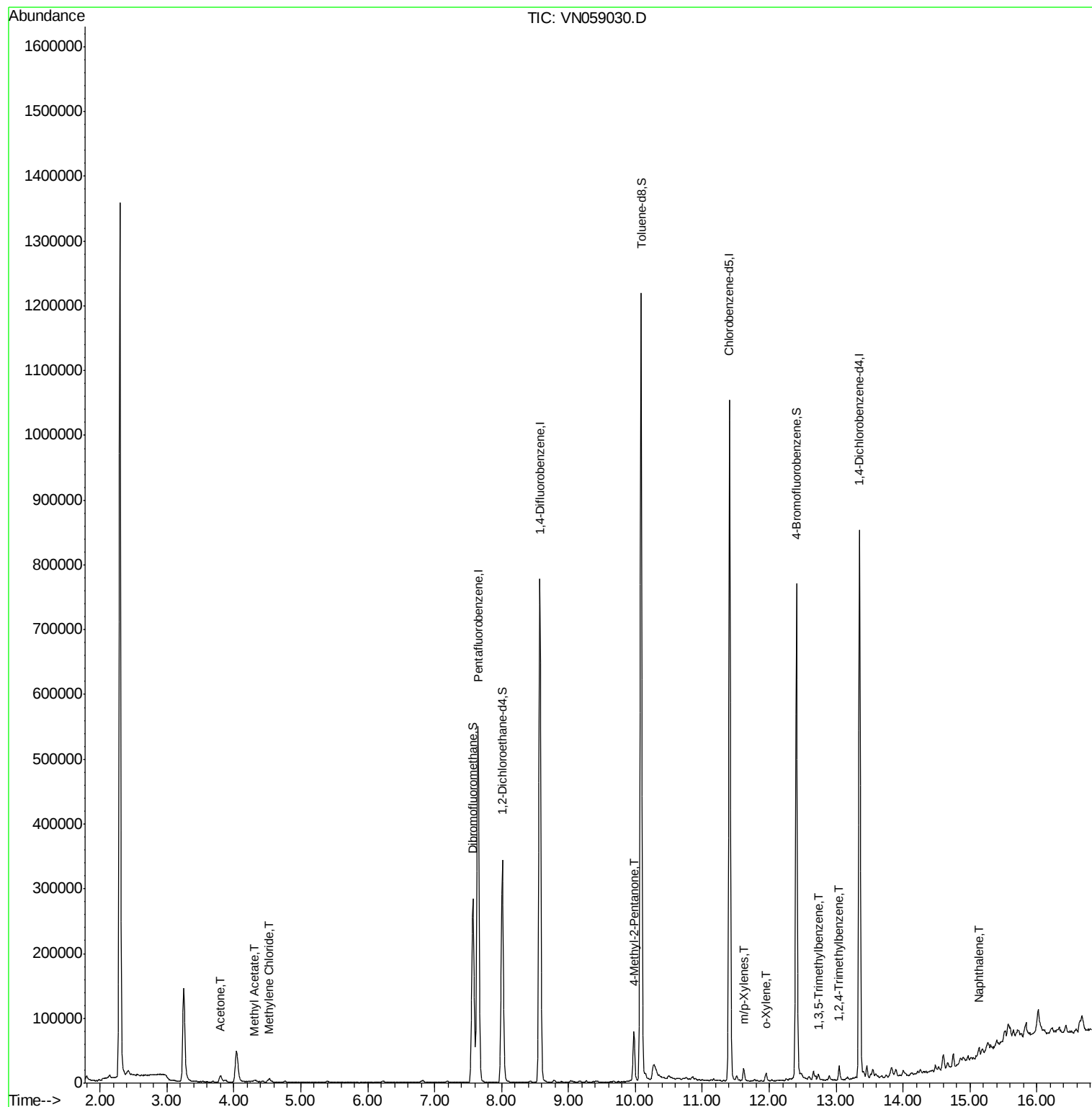
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	16366	5.116	ug/l	96
18) Methyl Acetate	4.31	43	3627	0.499	ug/l #	59
20) Methylene Chloride	4.54	84	4159	0.761	ug/l	87
51) 4-Methyl-2-Pentanone	9.98	43	53076	7.392	ug/l	100
68) m/p-Xylenes	11.62	106	5490	0.688	ug/l	95
69) o-Xylene	11.95	106	3013	0.396	ug/l	90
80) 1,3,5-Trimethylbenzene	12.74	105	3929	0.282	ug/l	92
84) 1,2,4-Trimethylbenzene	13.05	105	12110	0.882	ug/l	99
95) Naphthalene	15.14	128	7074	2.746	ug/l	96

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

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Quant Time: Nov 01 01:33:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059030.D

Acq: 31 Oct 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

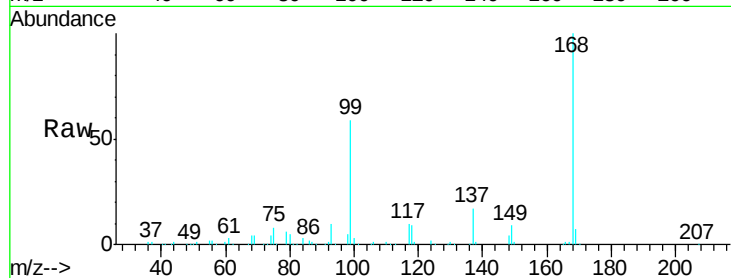
DRUM-COMP

Tgt Ion:168 Resp: 441415

Ion Ratio Lower Upper

168 100

99 58.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

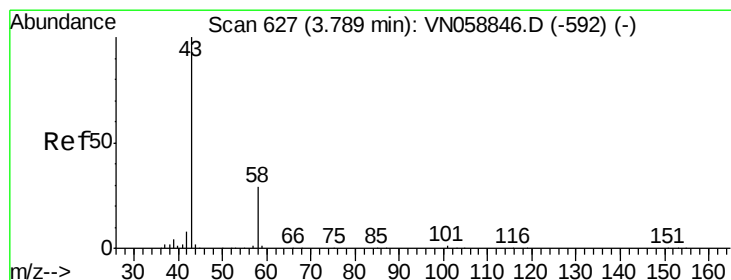
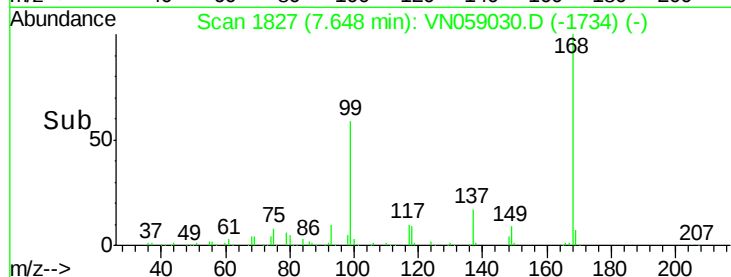
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.116 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059030.D

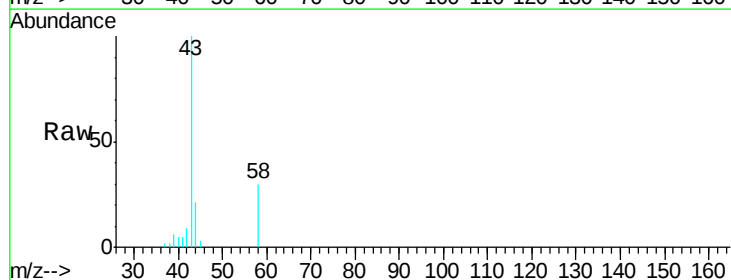
Acq: 31 Oct 2019 11:42

Tgt Ion: 43 Resp: 16366

Ion Ratio Lower Upper

43 100

58 31.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

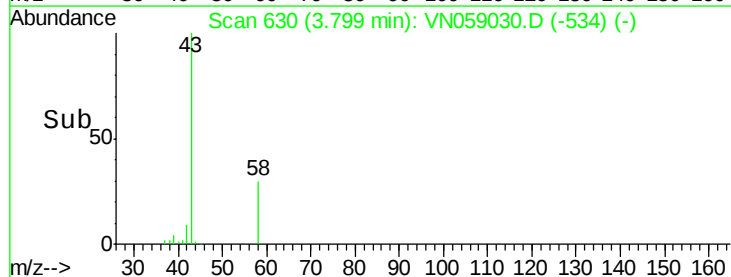
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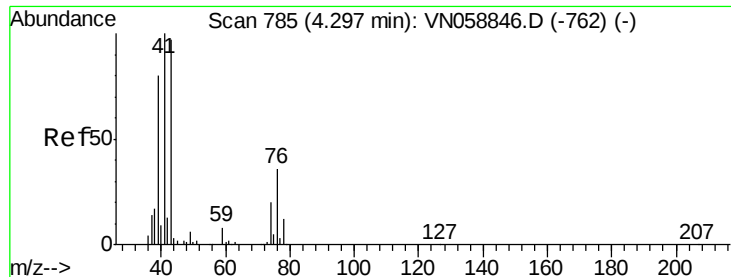
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Time-->

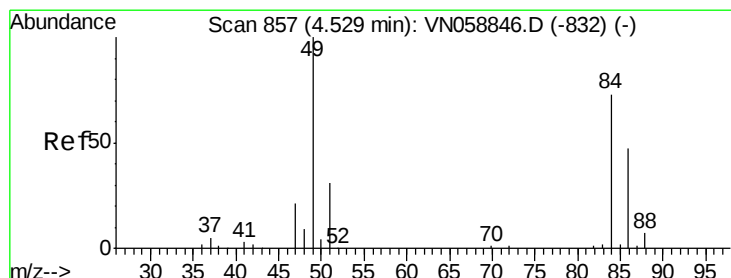
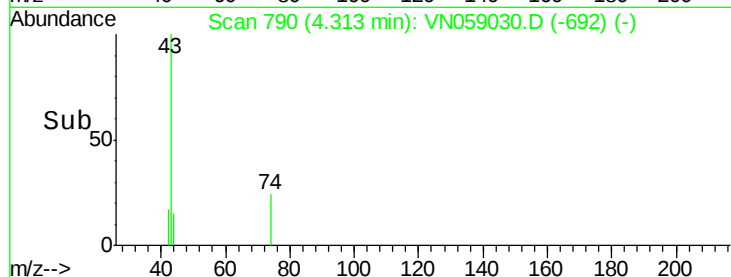
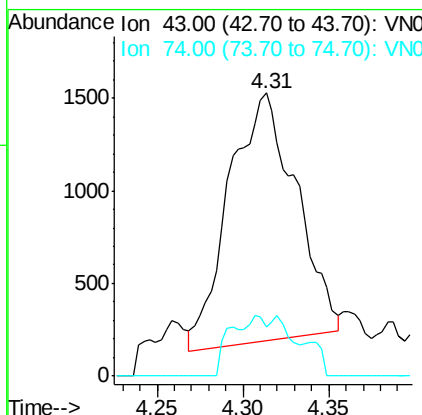
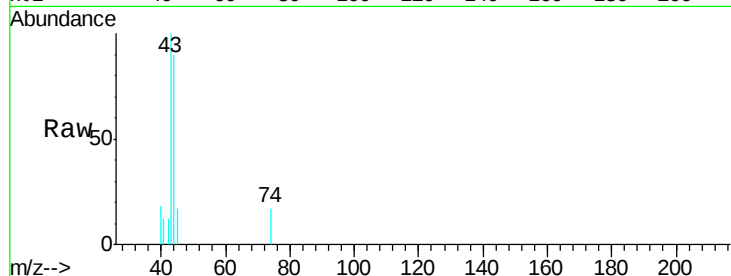




#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.02 min
Lab File: VN059030.D
Acq: 31 Oct 2019 11:42

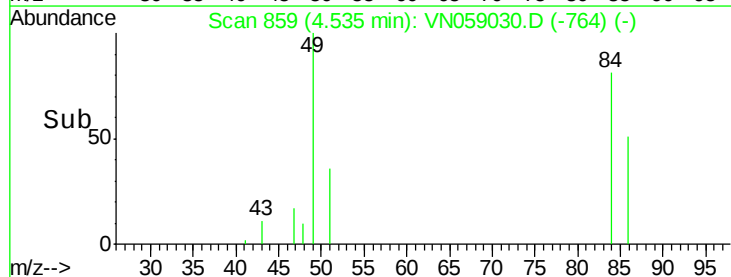
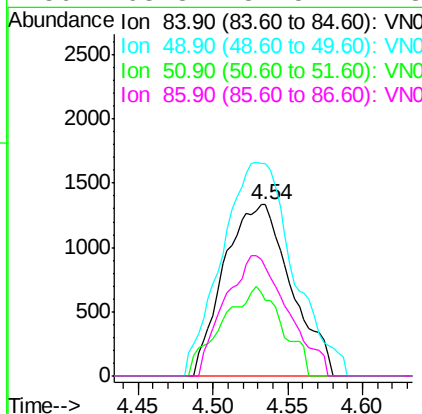
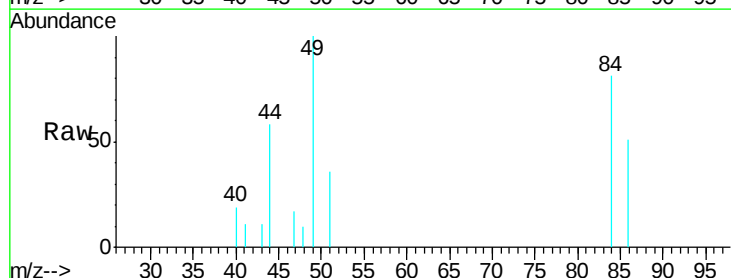
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

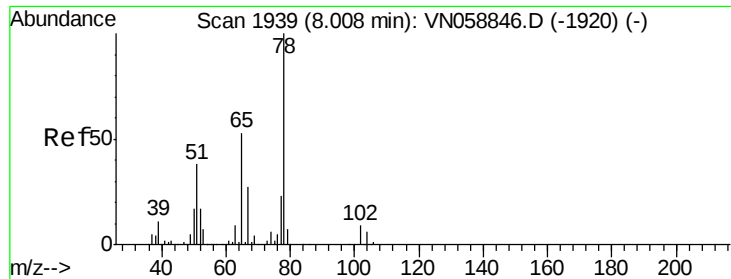
Tgt Ion: 43 Resp: 3627
Ion Ratio Lower Upper
43 100
74 2.0 17.1 25.7#



#20
Methylene Chloride
Concen: 0.761 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN059030.D
Acq: 31 Oct 2019 11:42

Tgt Ion: 84 Resp: 4159
Ion Ratio Lower Upper
84 100
49 110.5 109.6 164.4
51 44.2 33.8 50.6
86 63.3 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 45.600 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN059030.D

Acq: 31 Oct 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

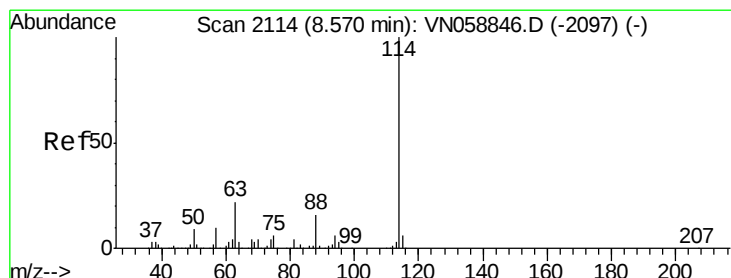
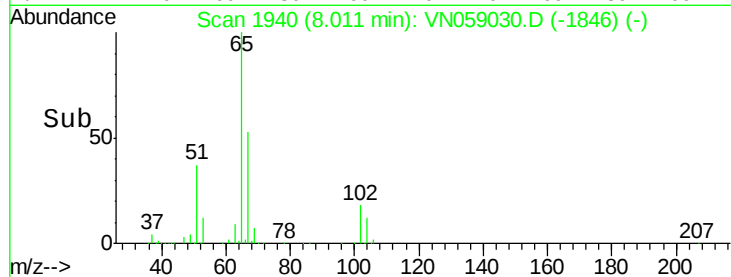
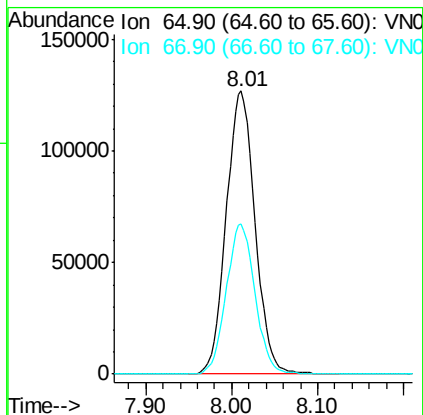
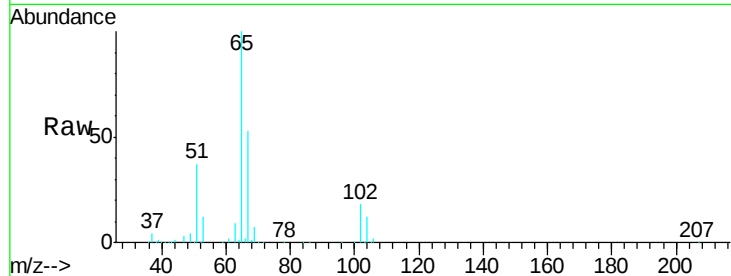
DRUM-COMP

Tgt Ion: 65 Resp: 295214

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN059030.D

Acq: 31 Oct 2019 11:42

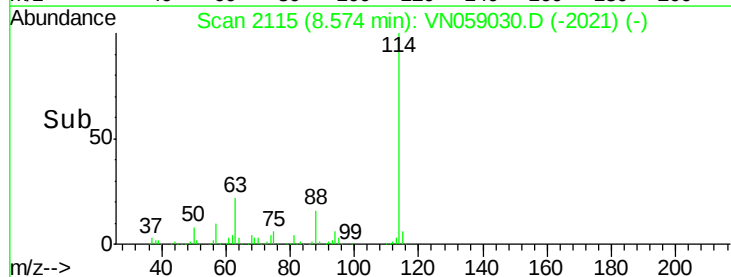
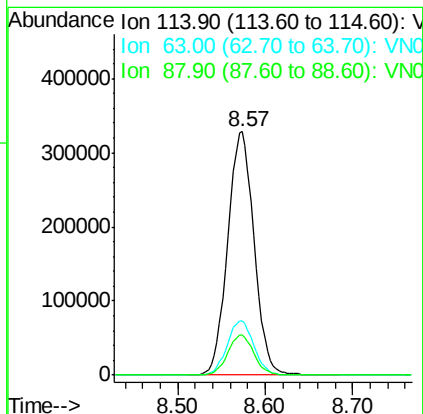
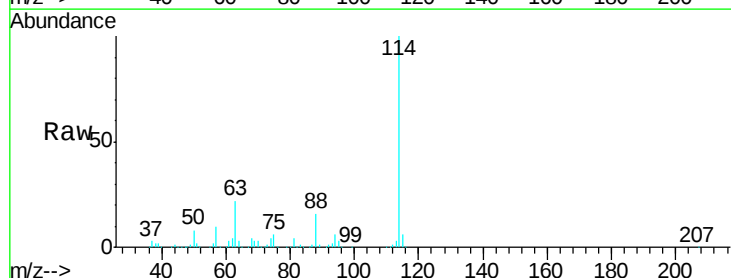
Tgt Ion: 114 Resp: 687121

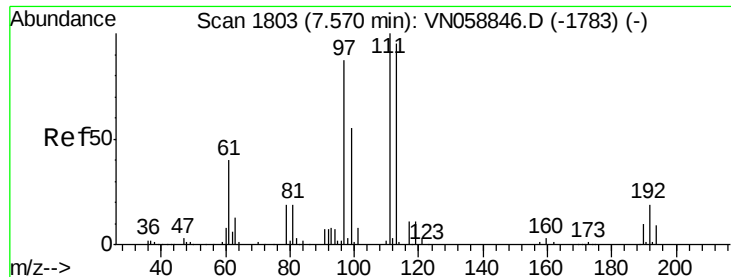
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.4

88 16.3 0.0 31.4

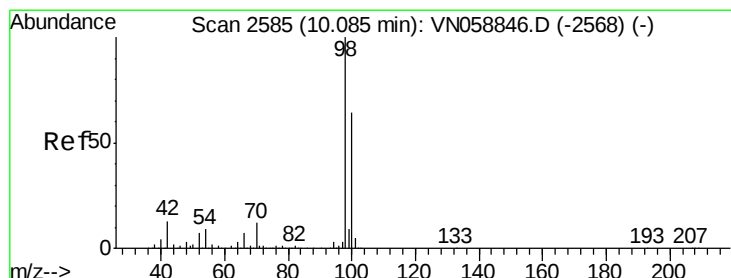
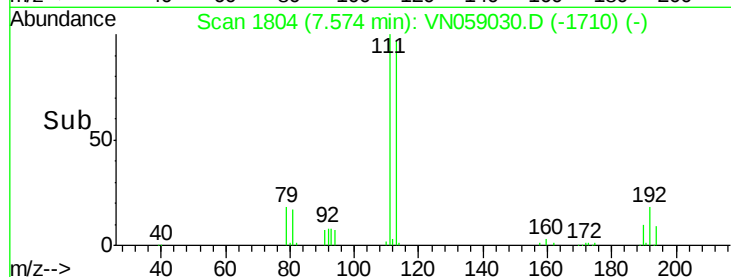
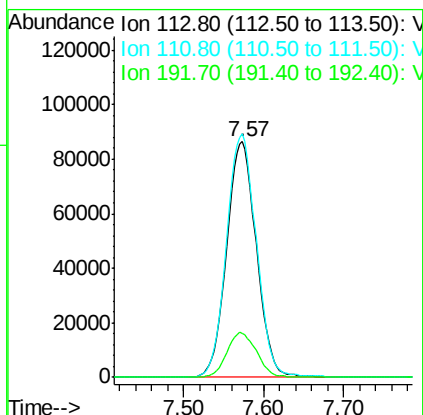
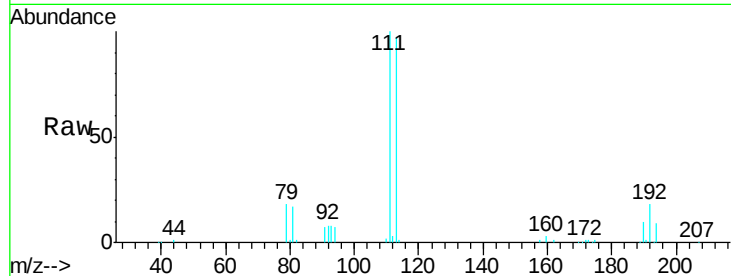




#35
Dibromofluoromethane
Concen: 48.518 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN059030.D
Acq: 31 Oct 2019 11:42

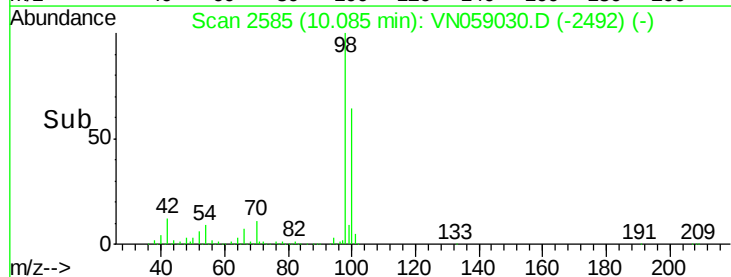
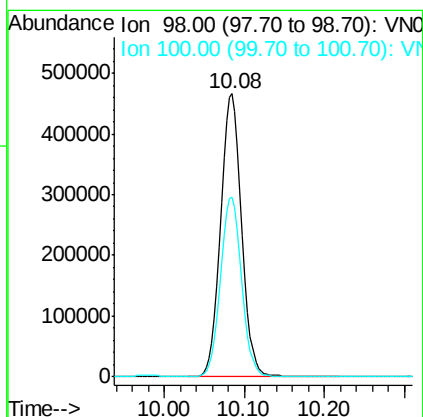
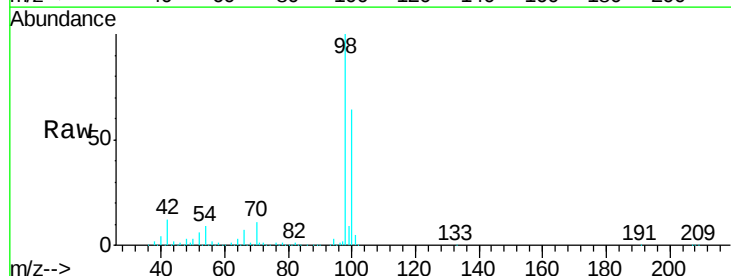
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

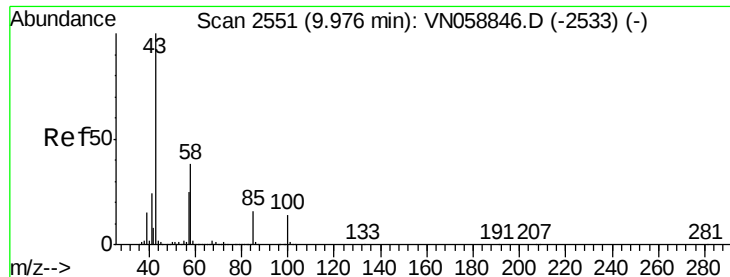
Tgt Ion: 113 Resp: 219188
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 19.0 15.0 22.6



#50
Toluene-d8
Concen: 48.294 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN059030.D
Acq: 31 Oct 2019 11:42

Tgt Ion: 98 Resp: 846925
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2

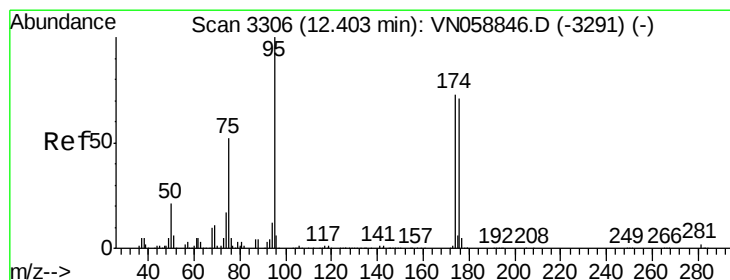
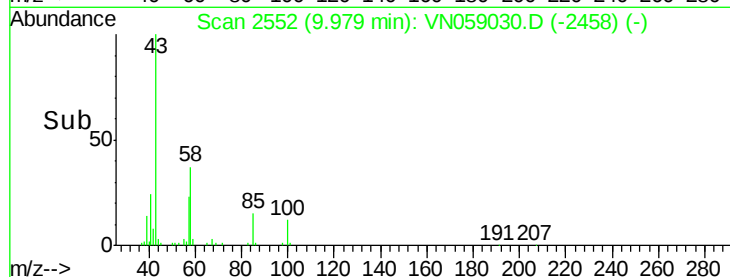
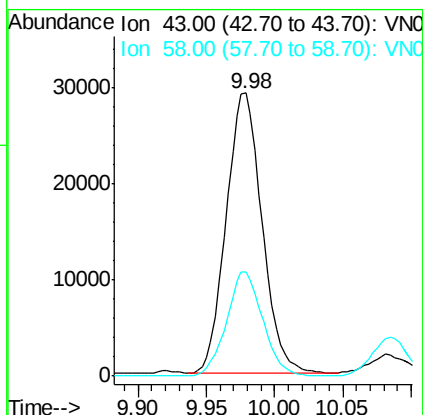
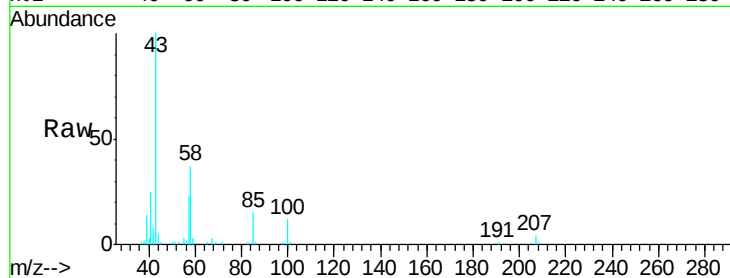




#51
 4-Methyl-2-Pentanone
 Concen: 7.392 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN059030.D
 Acq: 31 Oct 2019 11:42

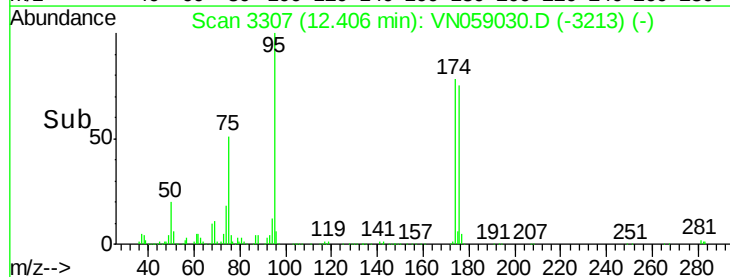
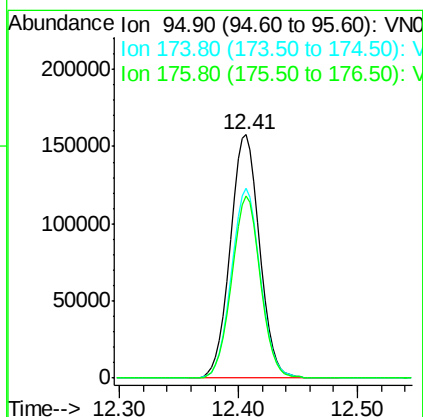
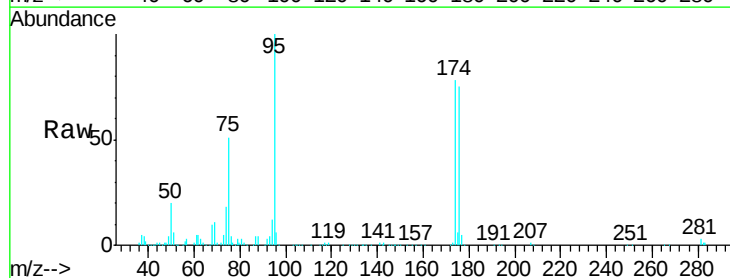
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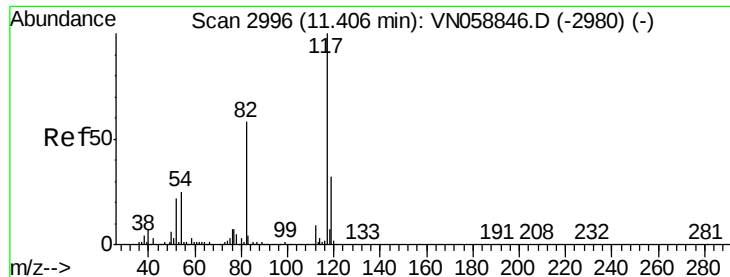
Tgt Ion: 43 Resp: 53076
 Ion Ratio Lower Upper
 43 100
 58 37.5 29.9 44.9



#62
 4-Bromofluorobenzene
 Concen: 41.877 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN059030.D
 Acq: 31 Oct 2019 11:42

Tgt Ion: 95 Resp: 269687
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 147.6
 176 73.2 0.0 143.2

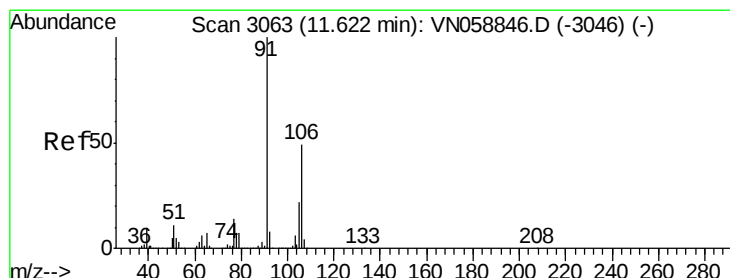
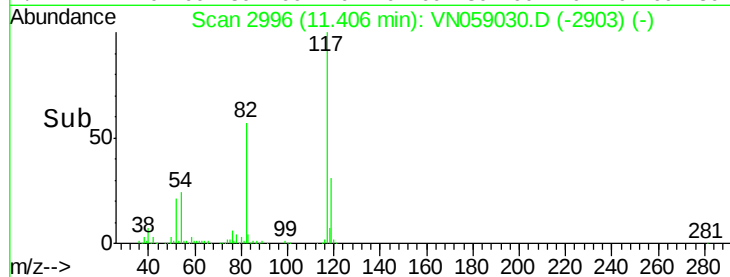
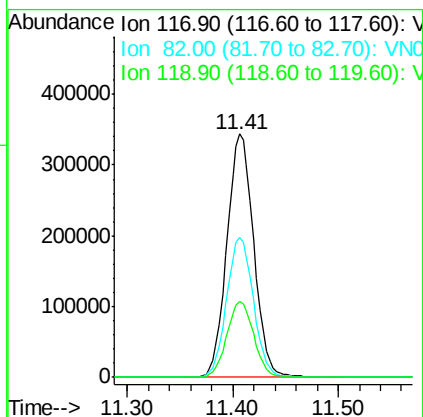
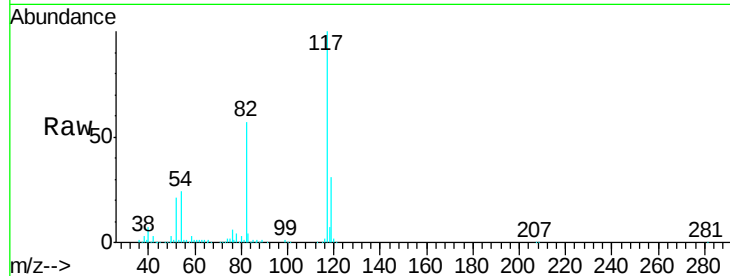




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059030.D
Acq: 31 Oct 2019 11:42

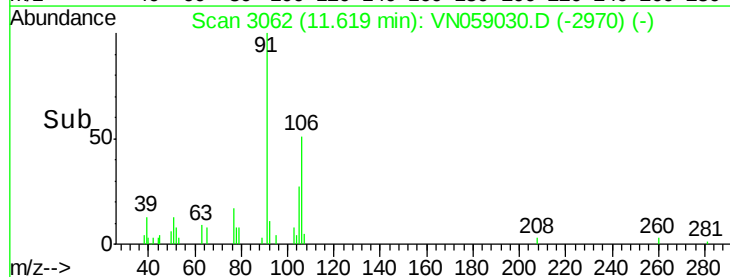
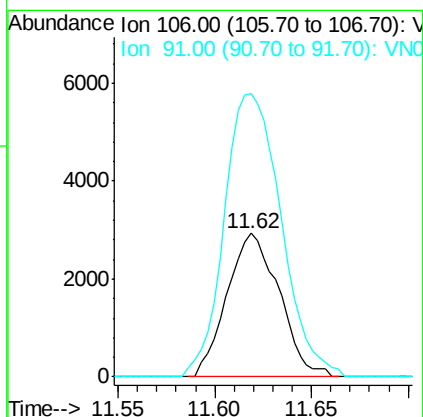
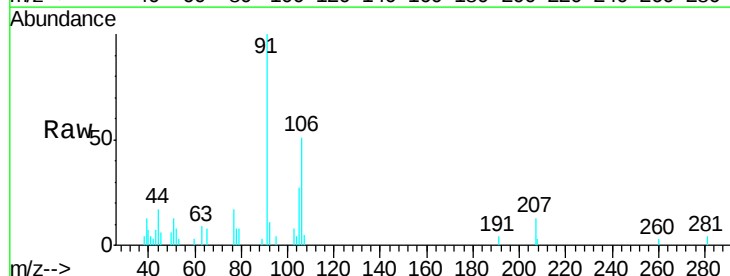
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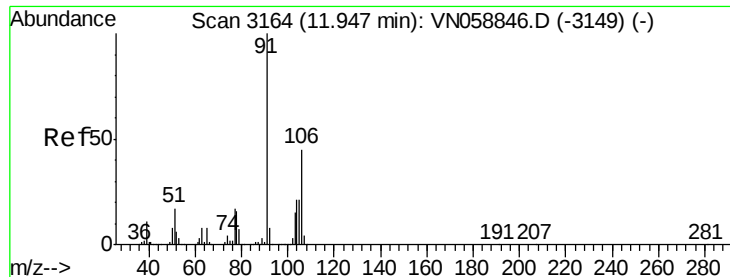
Tgt Ion:117 Resp: 602859
Ion Ratio Lower Upper
117 100
82 57.5 46.6 69.8
119 31.0 25.6 38.4



#68
m/p-Xylenes
Concen: 0.688 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059030.D
Acq: 31 Oct 2019 11:42

Tgt Ion:106 Resp: 5490
Ion Ratio Lower Upper
106 100
91 215.2 166.6 249.8

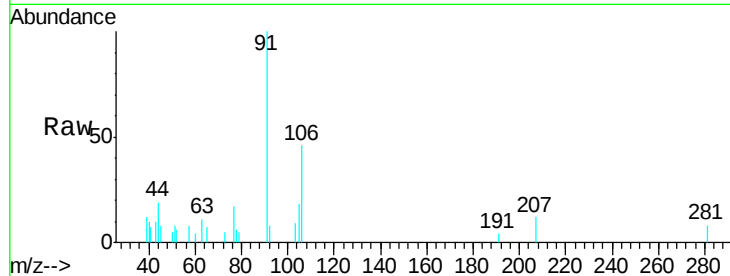




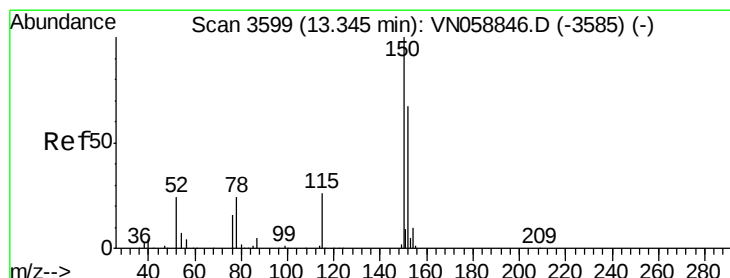
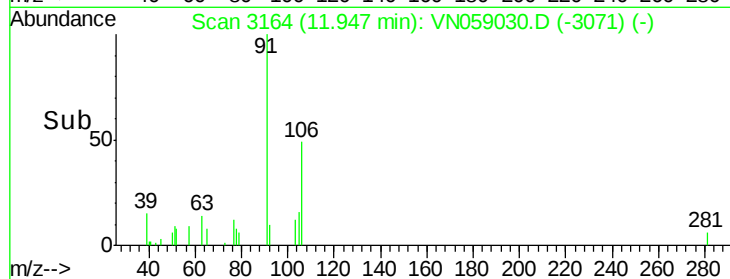
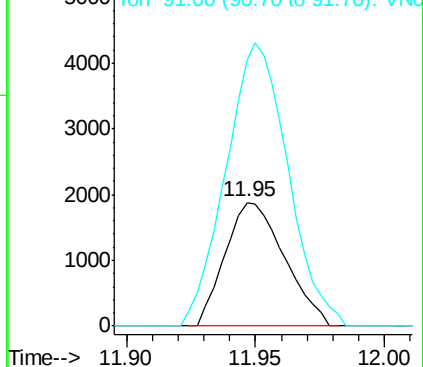
#69
o-Xylene
Concen: 0.396 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059030.D
Acq: 31 Oct 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tgt Ion:106 Resp: 3013
Ion Ratio Lower Upper
106 100
91 239.8 111.5 334.4

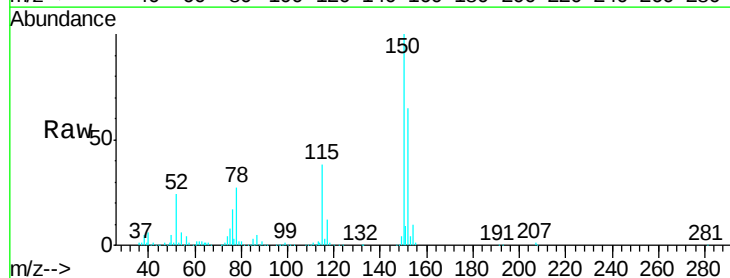


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

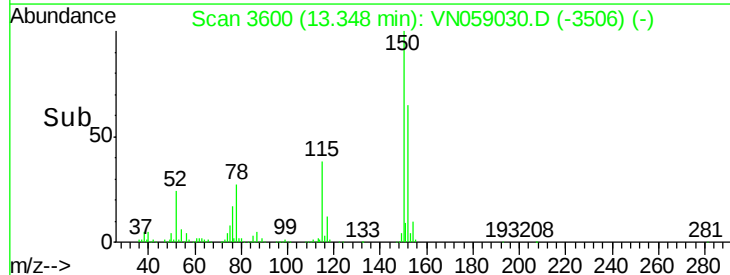
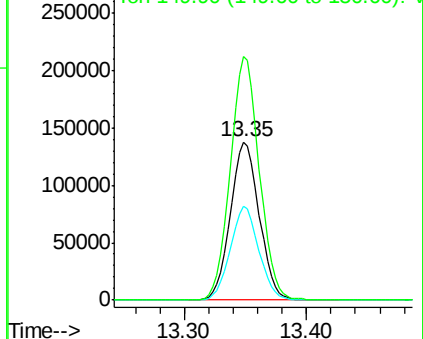


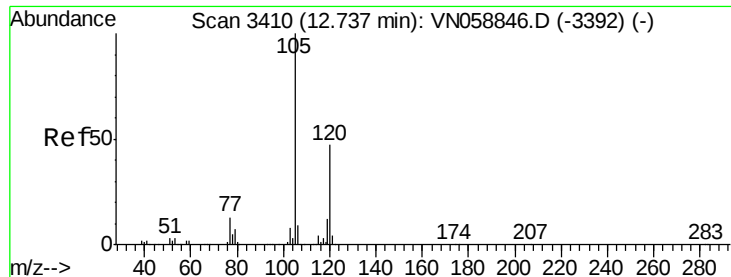
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059030.D
Acq: 31 Oct 2019 11:42

Tgt Ion:152 Resp: 226833
Ion Ratio Lower Upper
152 100
115 58.9 30.5 91.5
150 155.1 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

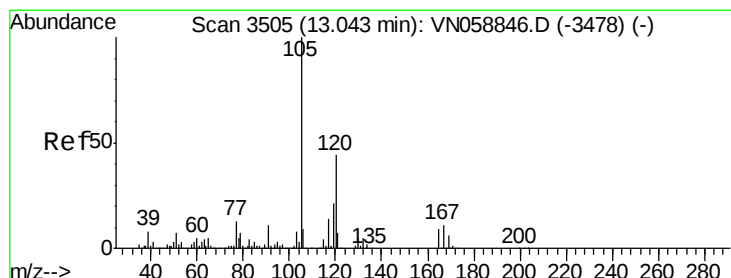
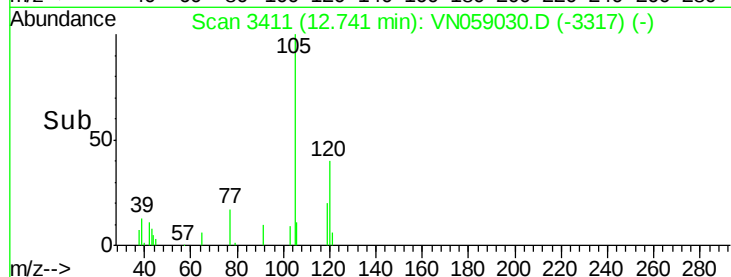
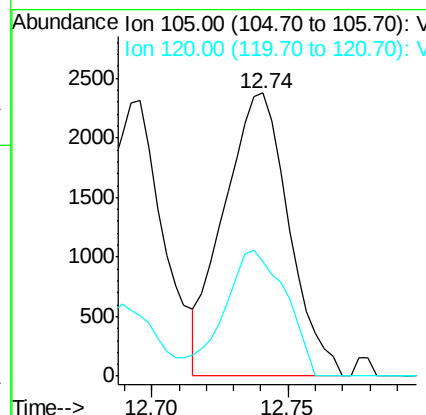
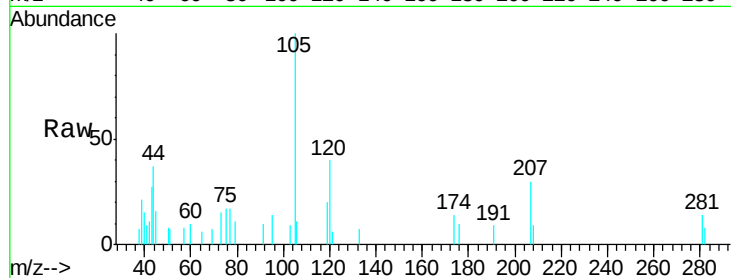




#80
 1,3,5-Trimethylbenzene
 Concen: 0.282 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN059030.D
 Acq: 31 Oct 2019 11:42

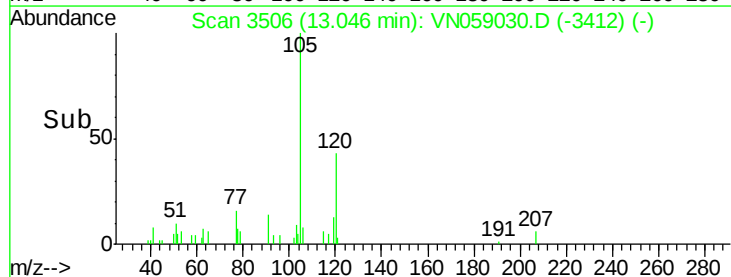
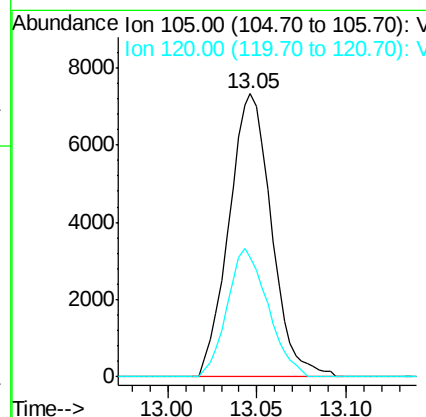
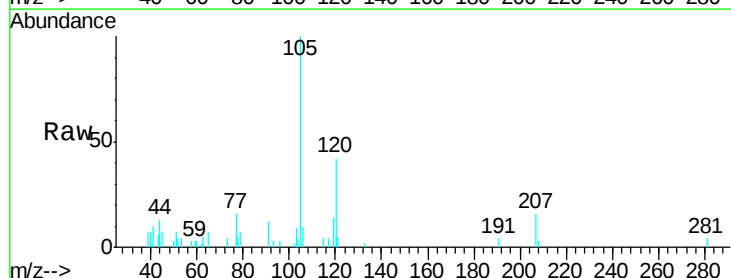
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-COMP

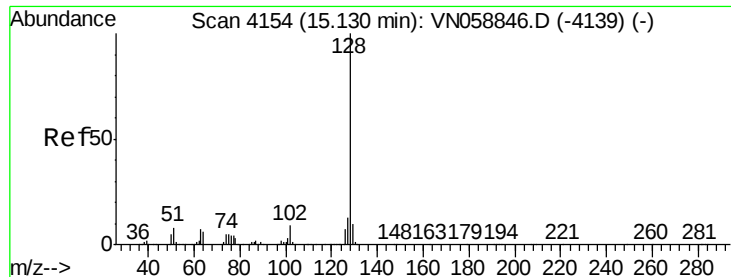
Tgt Ion:105 Resp: 3929
 Ion Ratio Lower Upper
 105 100
 120 42.5 23.8 71.5



#84
 1,2,4-Trimethylbenzene
 Concen: 0.882 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN059030.D
 Acq: 31 Oct 2019 11:42

Tgt Ion:105 Resp: 12110
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.9 65.8





#95

Naphthalene

Concen: 2.746 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN059030.D

Acq: 31 Oct 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP

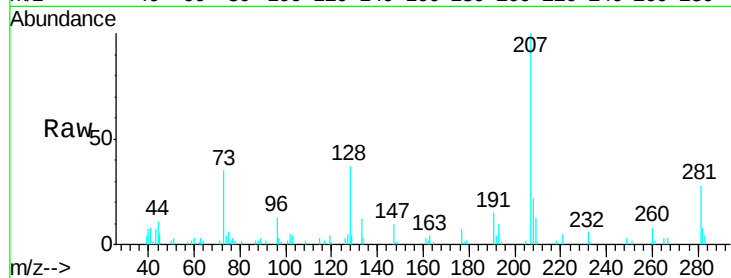
Tgt Ion:128 Resp: 7074

Ion Ratio Lower Upper

128 100

127 10.8 10.2 15.2

129 11.5 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

