

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055248.D
 Acq On : 25 Apr 2019 16:00
 Operator : JC/SP
 Sample : K2541-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMPDL

Quant Time: Apr 26 03:44:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	374731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	620888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179639	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	251339	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
35) Dibromofluoromethane	7.59	113	202488	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	10.09	98	769069	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	245695	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	

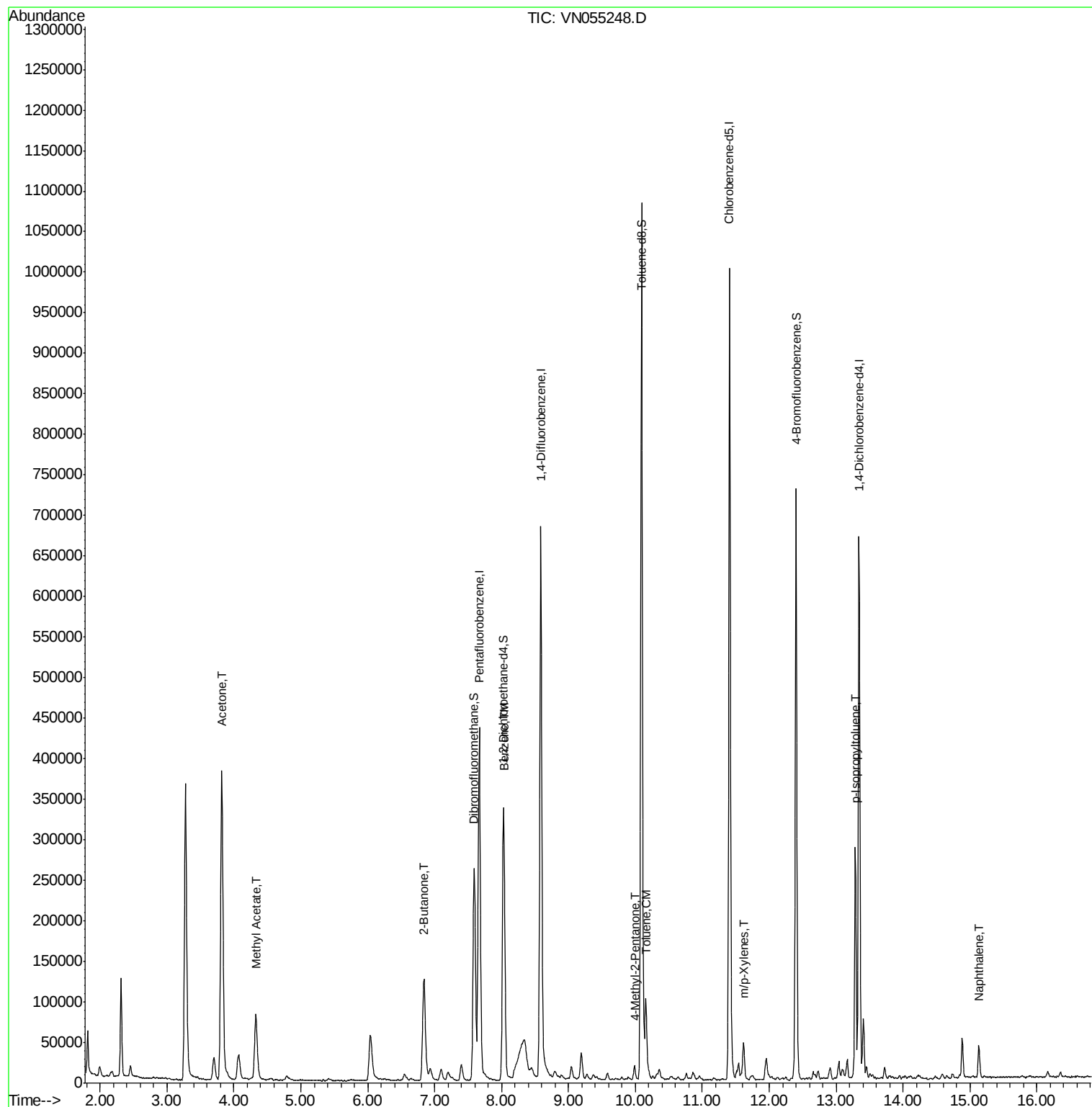
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	645136	384.757	ug/l	98
18) Methyl Acetate	4.33	43	163276	45.209	ug/l	96
25) 2-Butanone	6.84	43	240995	111.328	ug/l	100
40) Benzene	8.04	78	65931	3.706	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	13616	3.142	ug/l	95
52) Toluene	10.16	92	36177	3.469	ug/l	98
68) m/p-Xylenes	11.62	106	14505	1.949	ug/l	96
86) p-Isopropyltoluene	13.29	119	159252	12.706	ug/l	99
95) Naphthalene	15.13	128	32396	8.620	ug/l	97

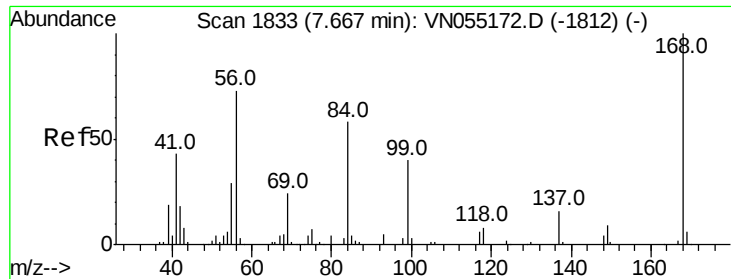
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042519\
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Quant Time: Apr 26 03:44:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055248.D

Acq: 25 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

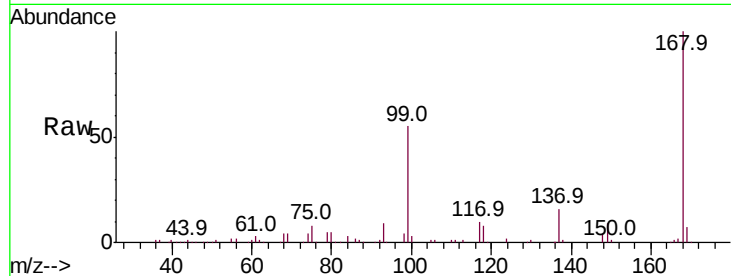
DRUM-COMPD

Tot Ion:168 Resp: 374731

Ion Ratio Lower Upper

168 100

99 54.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

150000

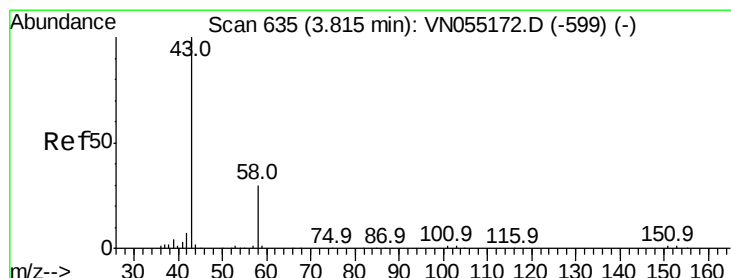
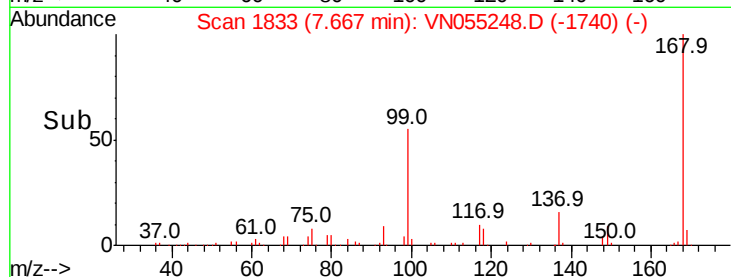
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 384.757 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055248.D

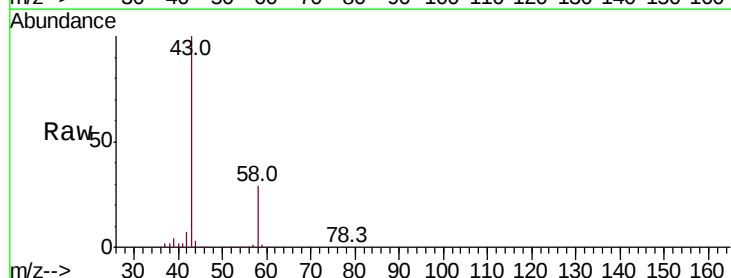
Acq: 25 Apr 2019 16:00

Tgt Ion: 43 Resp: 645136

Ion Ratio Lower Upper

43 100

58 29.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)

3.82

250000

200000

150000

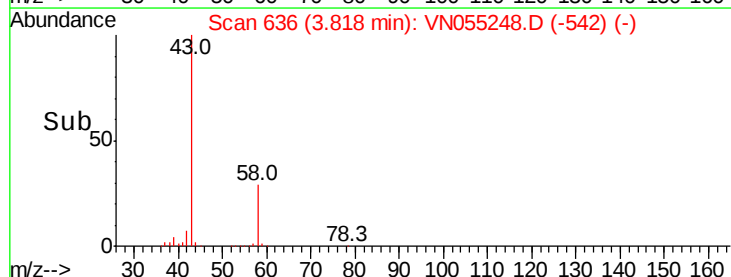
100000

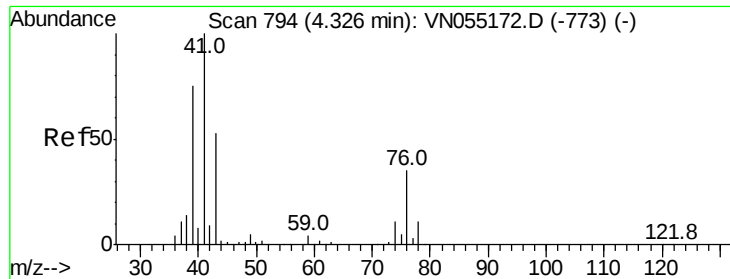
50000

0

3.70 3.80 3.90 4.00

Time-->

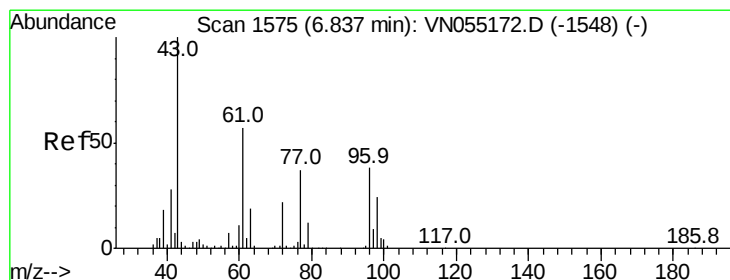
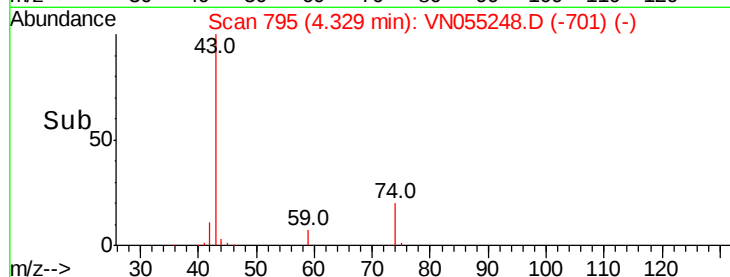
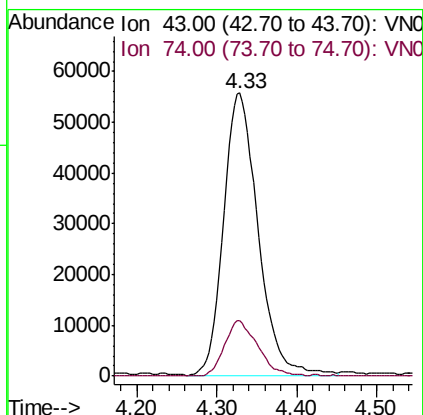
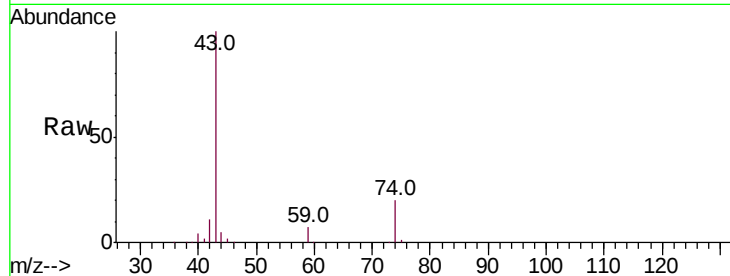




#18
Methvl Acetate
Concen: 45.209 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055248.D
Acq: 25 Apr 2019 16:00

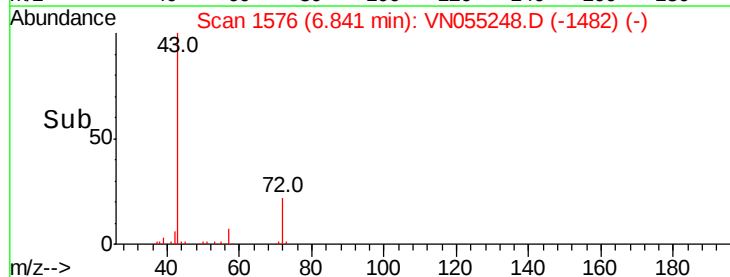
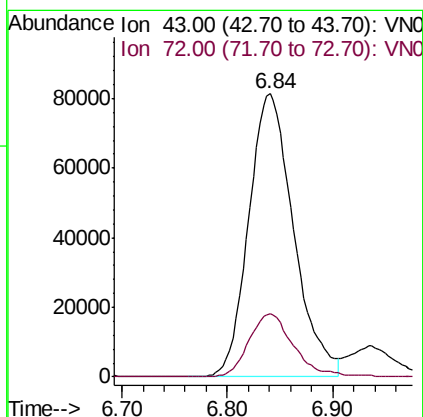
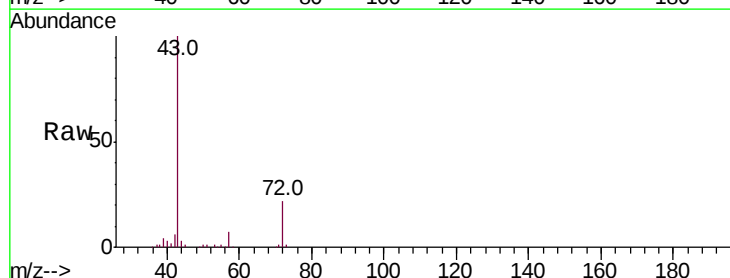
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMPD

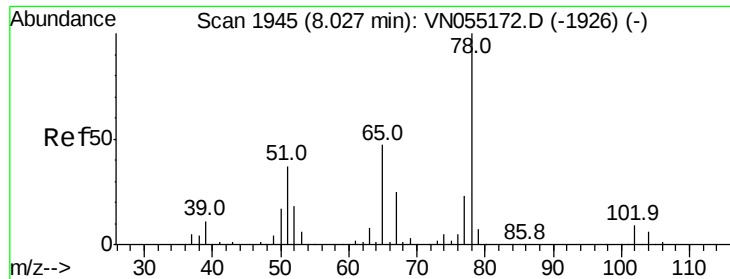
Tot Ion: 43 Resp: 163276
Ion Ratio Lower Upper
43 100
74 19.0 16.7 25.1



#25
2-Butanone
Concen: 111.328 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055248.D
Acq: 25 Apr 2019 16:00

Tgt Ion: 43 Resp: 240995
Ion Ratio Lower Upper
43 100
72 22.2 17.8 26.8

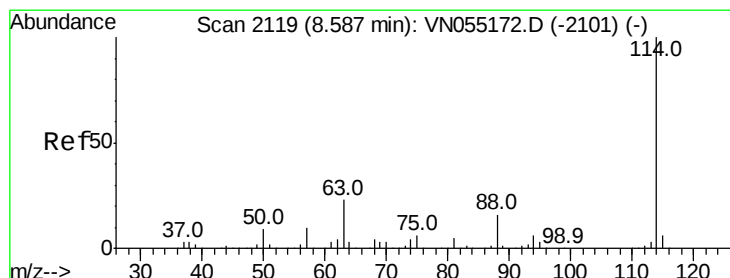
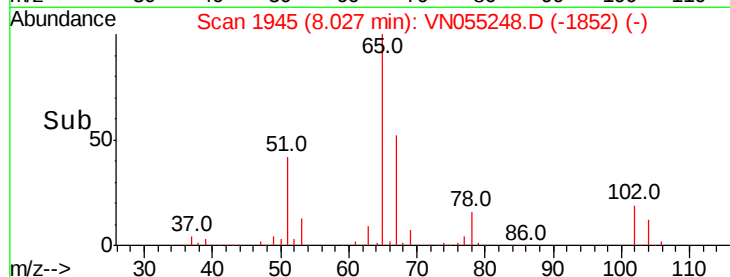
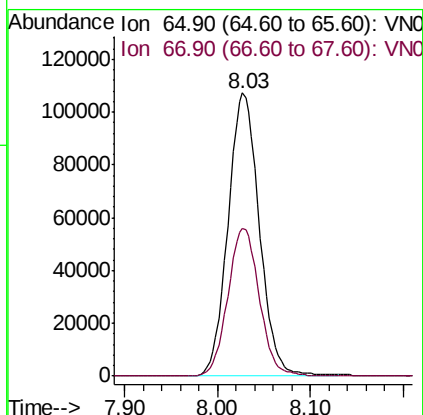
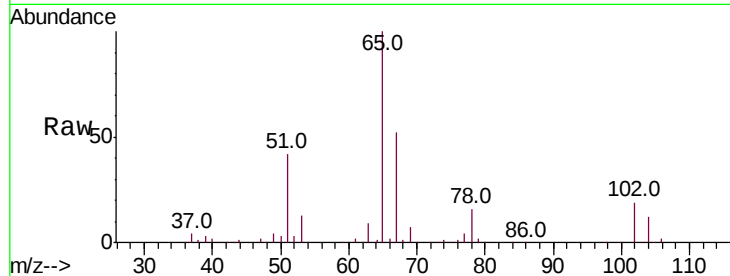




#33
 1,2-Dichloroethane-d4
 Concen: 49.553 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055248.D
 Acq: 25 Apr 2019 16:00

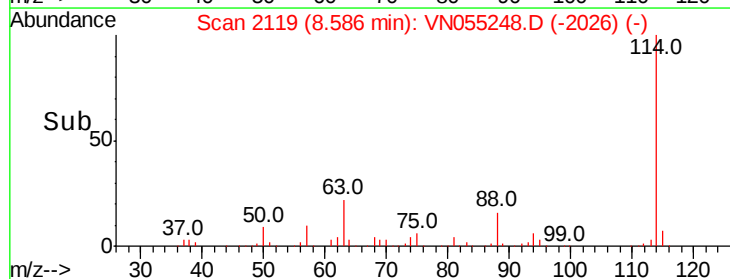
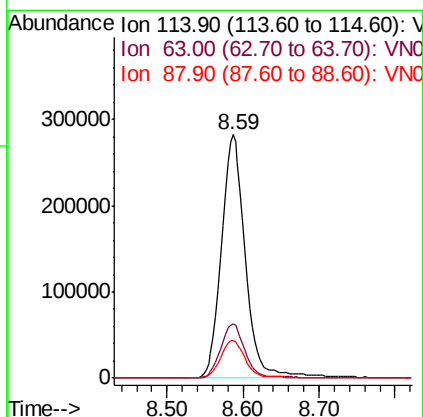
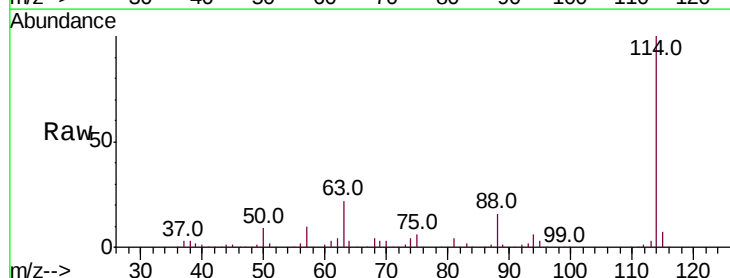
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMPDL

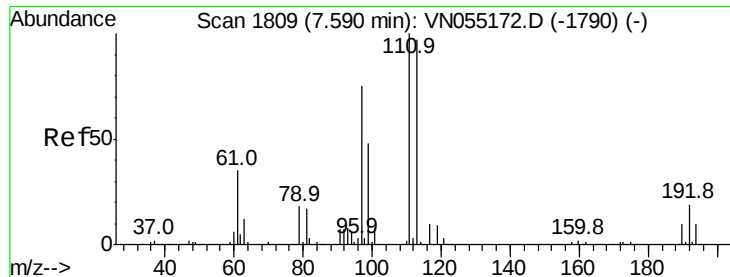
Tot Ion: 65 Resp: 251339
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055248.D
 Acq: 25 Apr 2019 16:00

Tgt Ion: 114 Resp: 620888
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 15.6 0.0 32.8

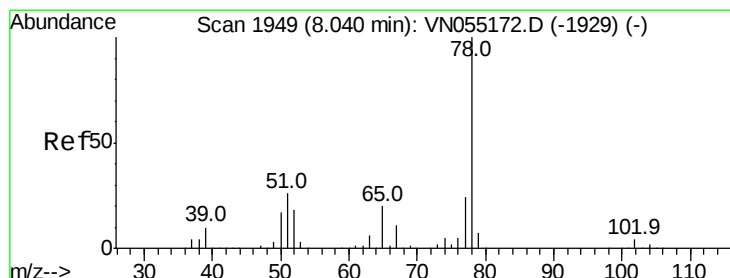
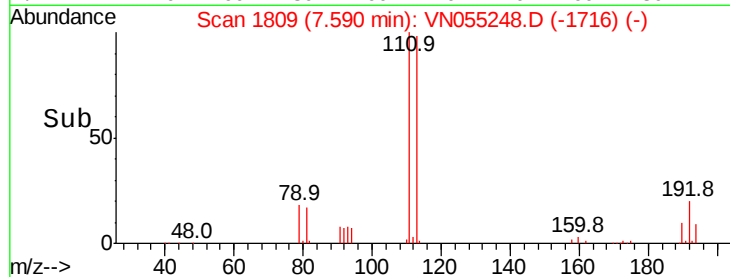
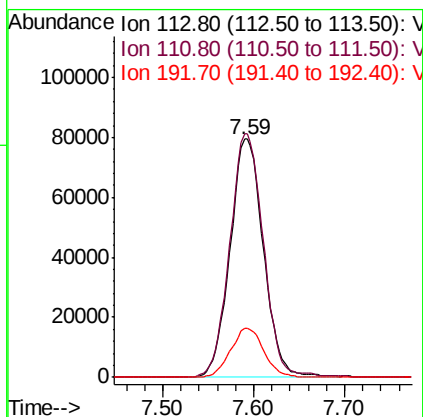
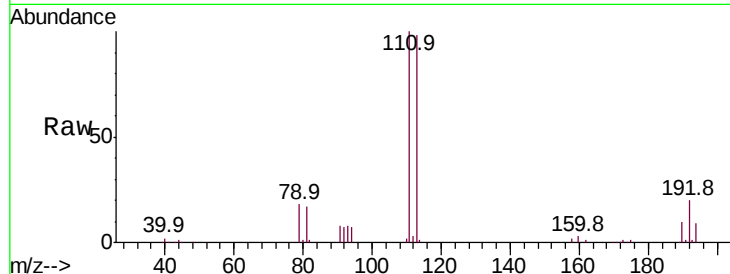




#35
 Dibromofluoromethane
 Concen: 48.006 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055248.D
 Acq: 25 Apr 2019 16:00

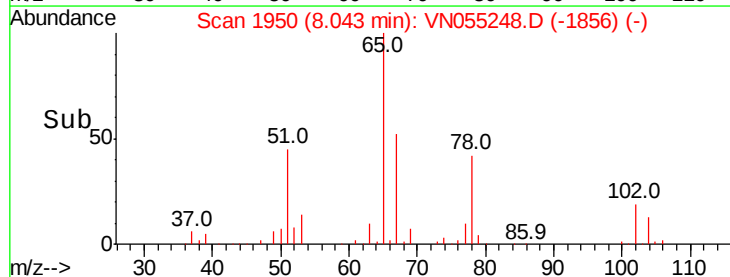
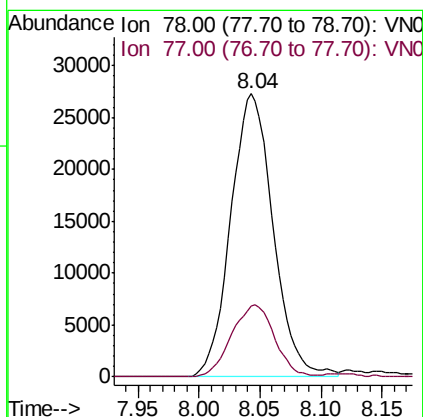
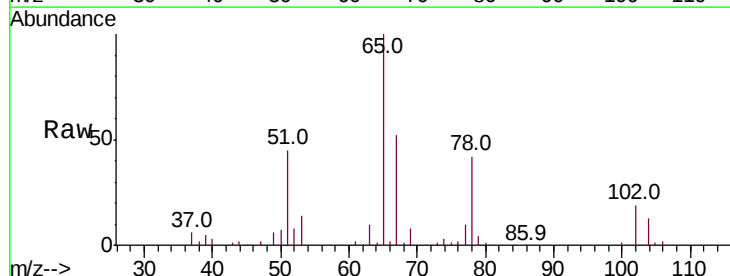
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMPDL

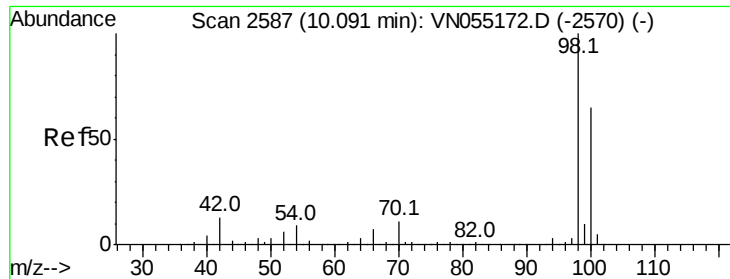
Tot Ion:113 Resp: 202488
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.4
 192 20.5 16.2 24.4



#40
 Benzene
 Concen: 3.706 ug/l
 RT: 8.04 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: VN055248.D
 Acq: 25 Apr 2019 16:00

Tgt Ion: 78 Resp: 65931
 Ion Ratio Lower Upper
 78 100
 77 25.0 19.5 29.3





#50

Toluene-d8

Concen: 49.210 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055248.D

Acq: 25 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

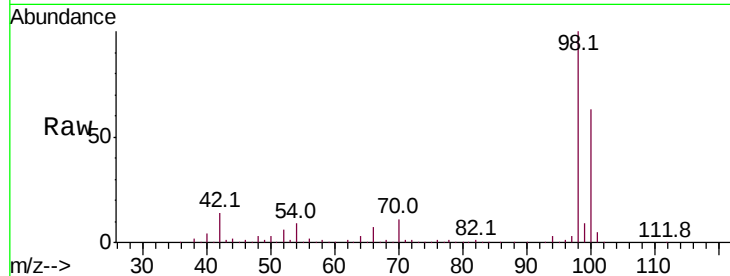
DRUM-COMPDL

Tot Ion: 98 Resp: 769069

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055172.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055172.D (-2570) (-)

10.09

400000

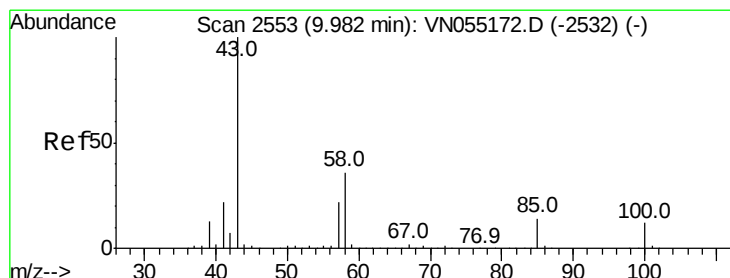
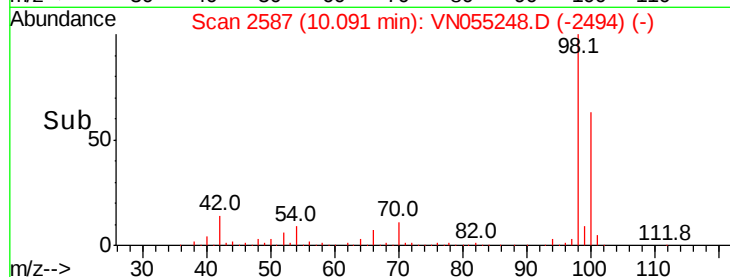
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.142 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055248.D

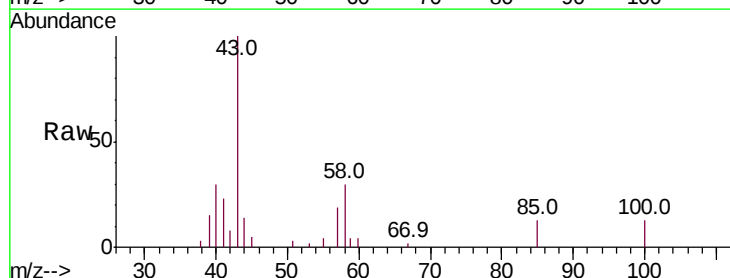
Acq: 25 Apr 2019 16:00

Tgt Ion: 43 Resp: 13616

Ion Ratio Lower Upper

43 100

58 32.3 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-2532) (-)

9.99

8000

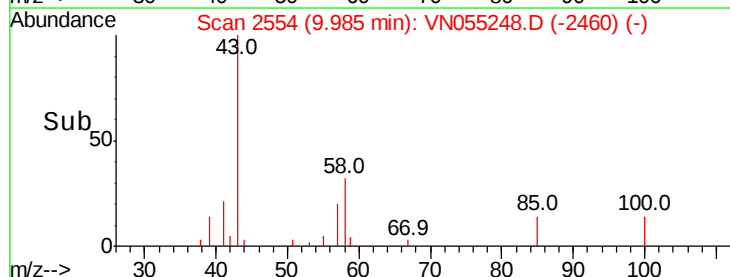
6000

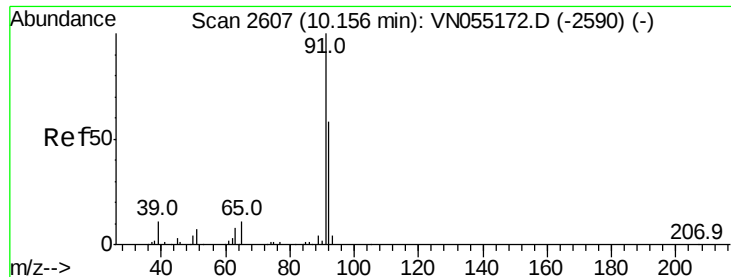
4000

2000

0

Time-->





#52

Toluene

Concen: 3.469 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055248.D

Acq: 25 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

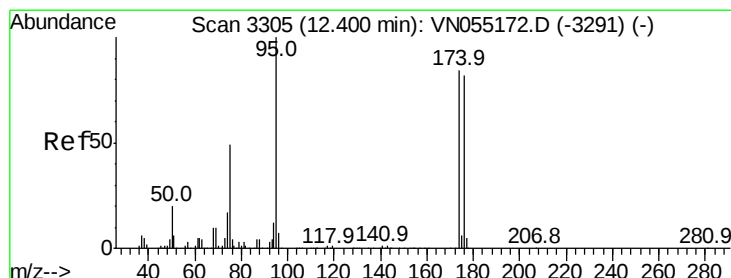
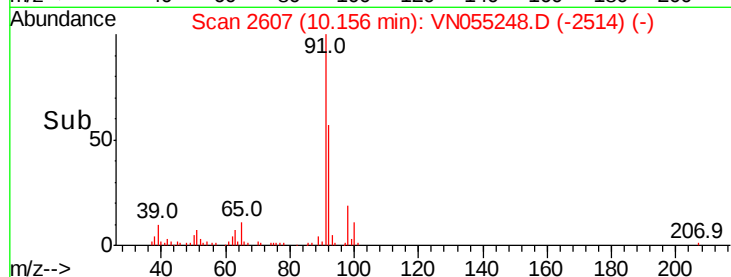
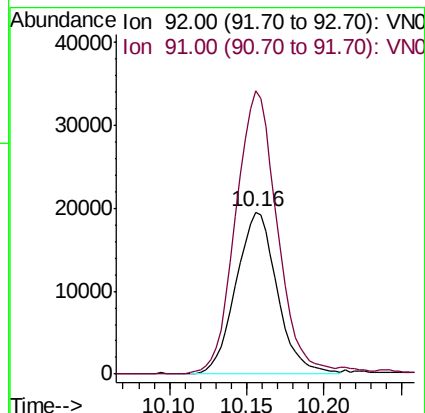
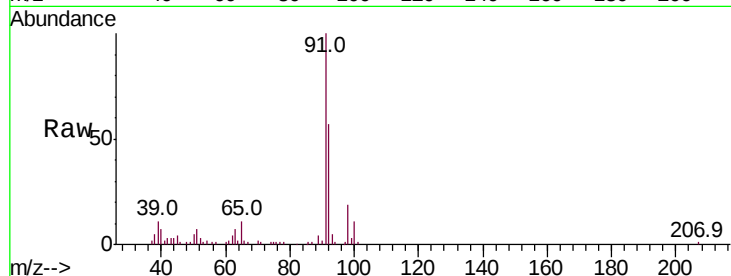
DRUM-COMPDL

Tot Ion: 92 Resp: 36177

Ion Ratio Lower Upper

92 100

91 175.9 138.7 208.1



#62

4-Bromofluorobenzene

Concen: 49.645 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055248.D

Acq: 25 Apr 2019 16:00

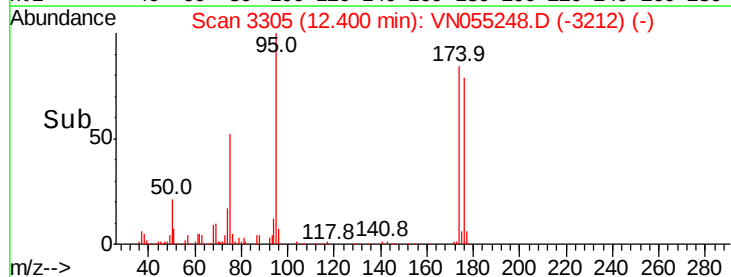
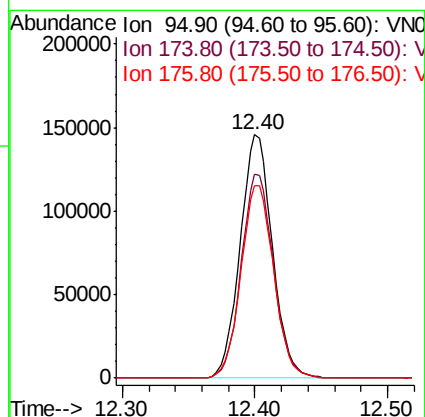
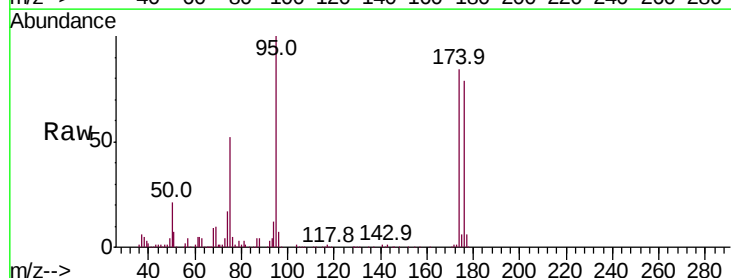
Tgt Ion: 95 Resp: 245695

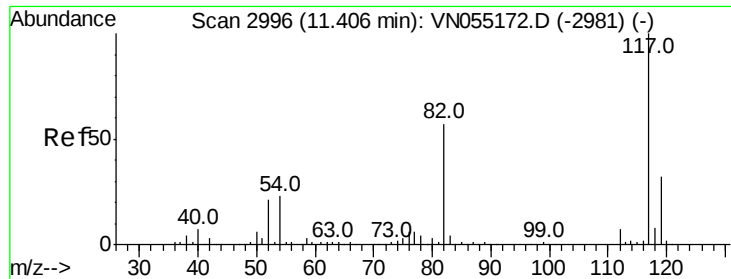
Ion Ratio Lower Upper

95 100

174 84.0 0.0 168.4

176 80.8 0.0 164.0

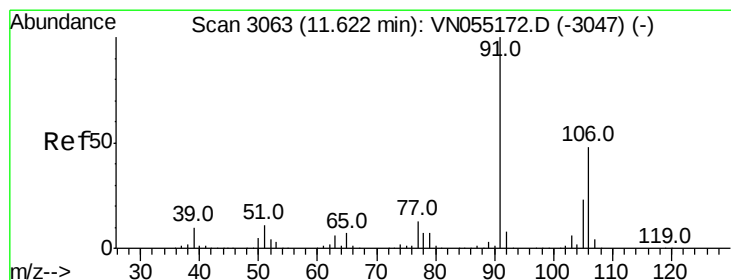
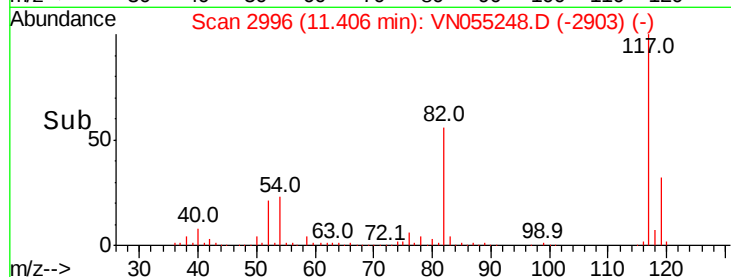
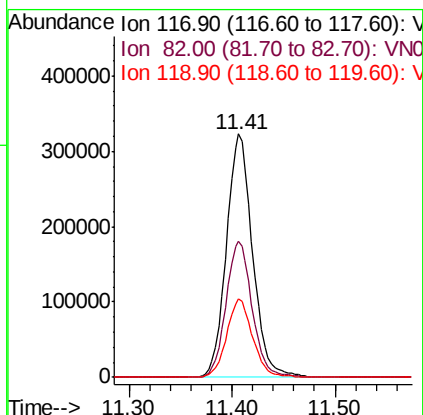
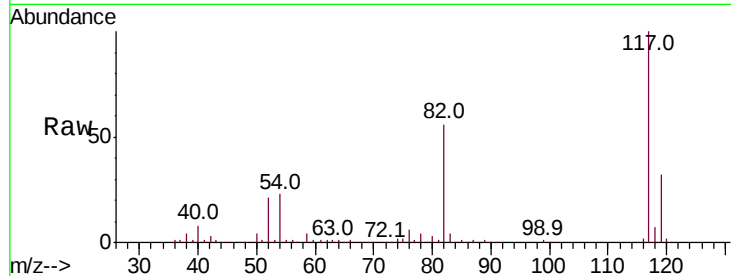




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055248.D
Acq: 25 Apr 2019 16:00

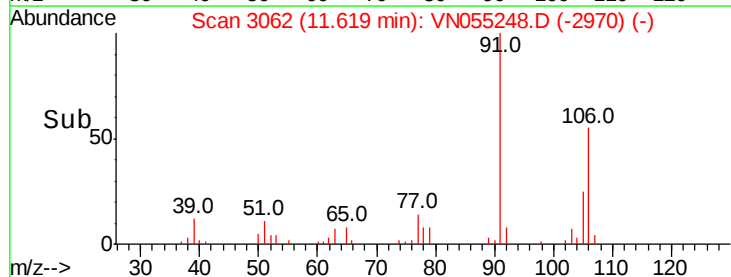
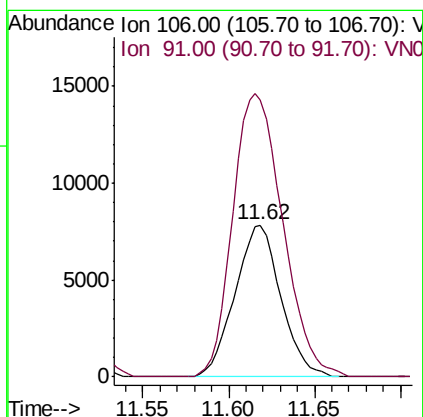
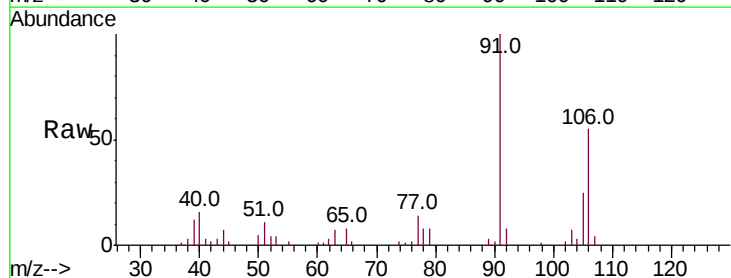
Instrument :
MSVOA_N
ClientSampled :
DRUM-COMPD

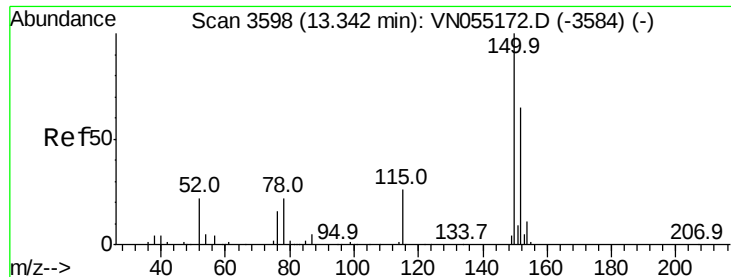
Tot Ion:117 Resp: 570687
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 32.0 25.4 38.2



#68
m/p-Xylenes
Concen: 1.949 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055248.D
Acq: 25 Apr 2019 16:00

Tgt Ion:106 Resp: 14505
Ion Ratio Lower Upper
106 100
91 203.4 167.1 250.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055248.D

Acq: 25 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMPDL

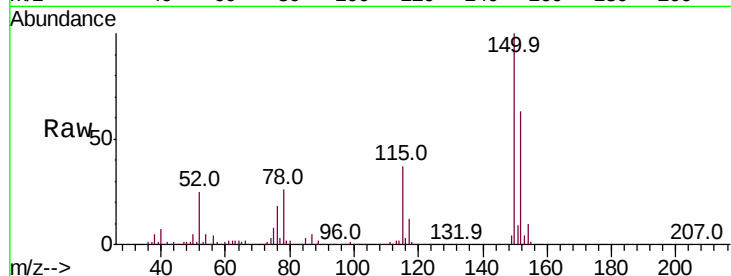
Tot Ion:152 Resp: 179639

Ion Ratio Lower Upper

152 100

115 59.3 28.9 86.7

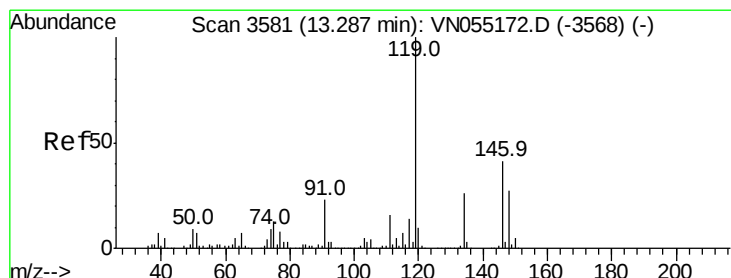
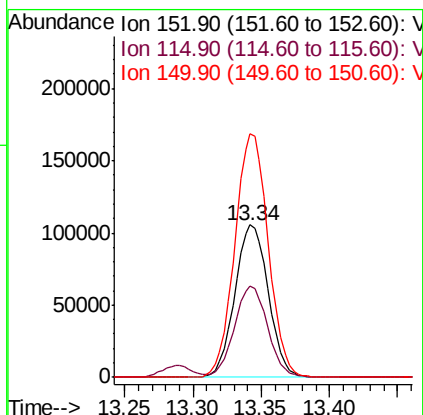
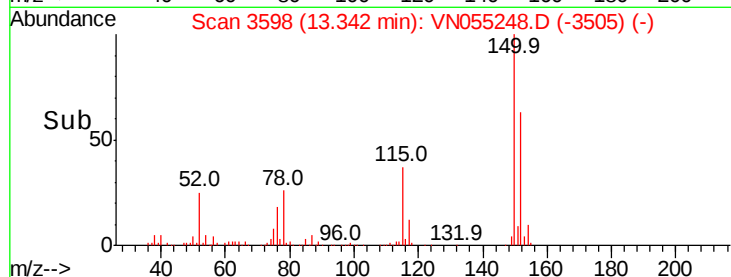
150 159.2 0.0 346.6



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



#86

p-Isopropyltoluene

Concen: 12.706 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055248.D

Acq: 25 Apr 2019 16:00

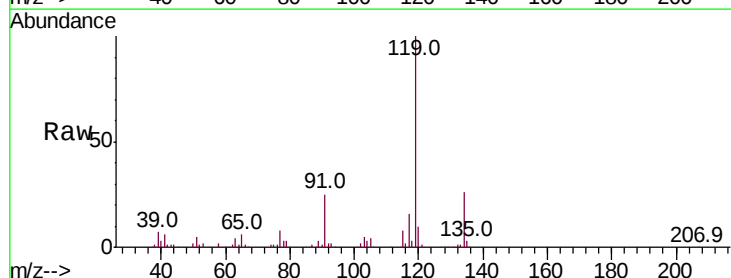
Tgt Ion:119 Resp: 159252

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

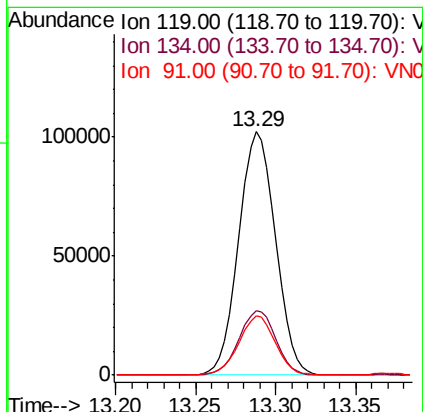
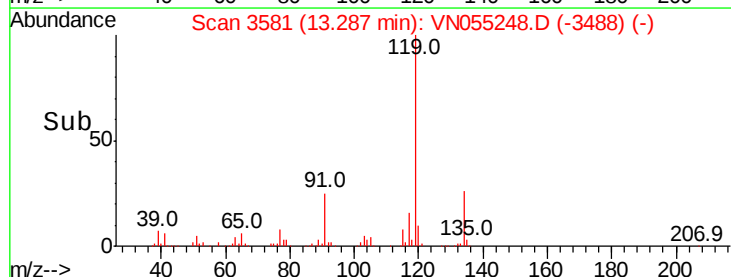
91 23.9 11.8 35.3

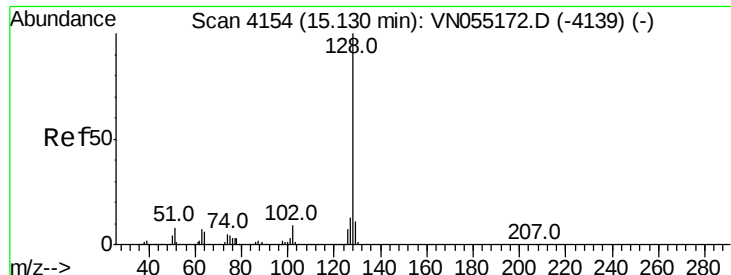


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 8.620 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055248.D

Acq: 25 Apr 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMPDL

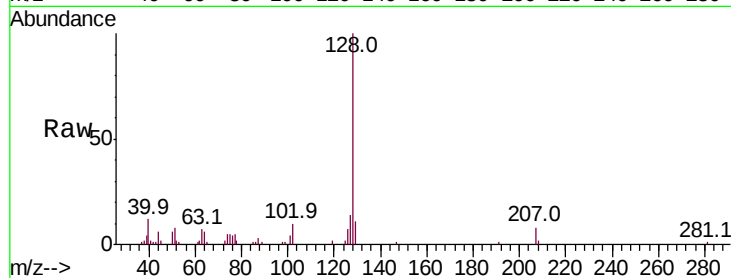
Tot Ion:128 Resp: 32396

Ion Ratio Lower Upper

128 100

127 14.5 10.3 15.5

129 11.3 8.8 13.2



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

