

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049307.D
 Acq On : 16 Jun 2018 12:52
 Operator : MD\SY
 Sample : J3498-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-D-S

Quant Time: Jun 18 05:31:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1174316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1858830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1507767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	464979	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	763368	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
35) Dibromofluoromethane	7.59	113	690567	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
50) Toluene-d8	10.09	98	2518690	43.99	ug/l	0.00
Spiked Amount			Recovery	=	87.98%	
62) 4-Bromofluorobenzene	12.41	95	648047	34.23	ug/l	0.00
Spiked Amount			Recovery	=	68.46%	

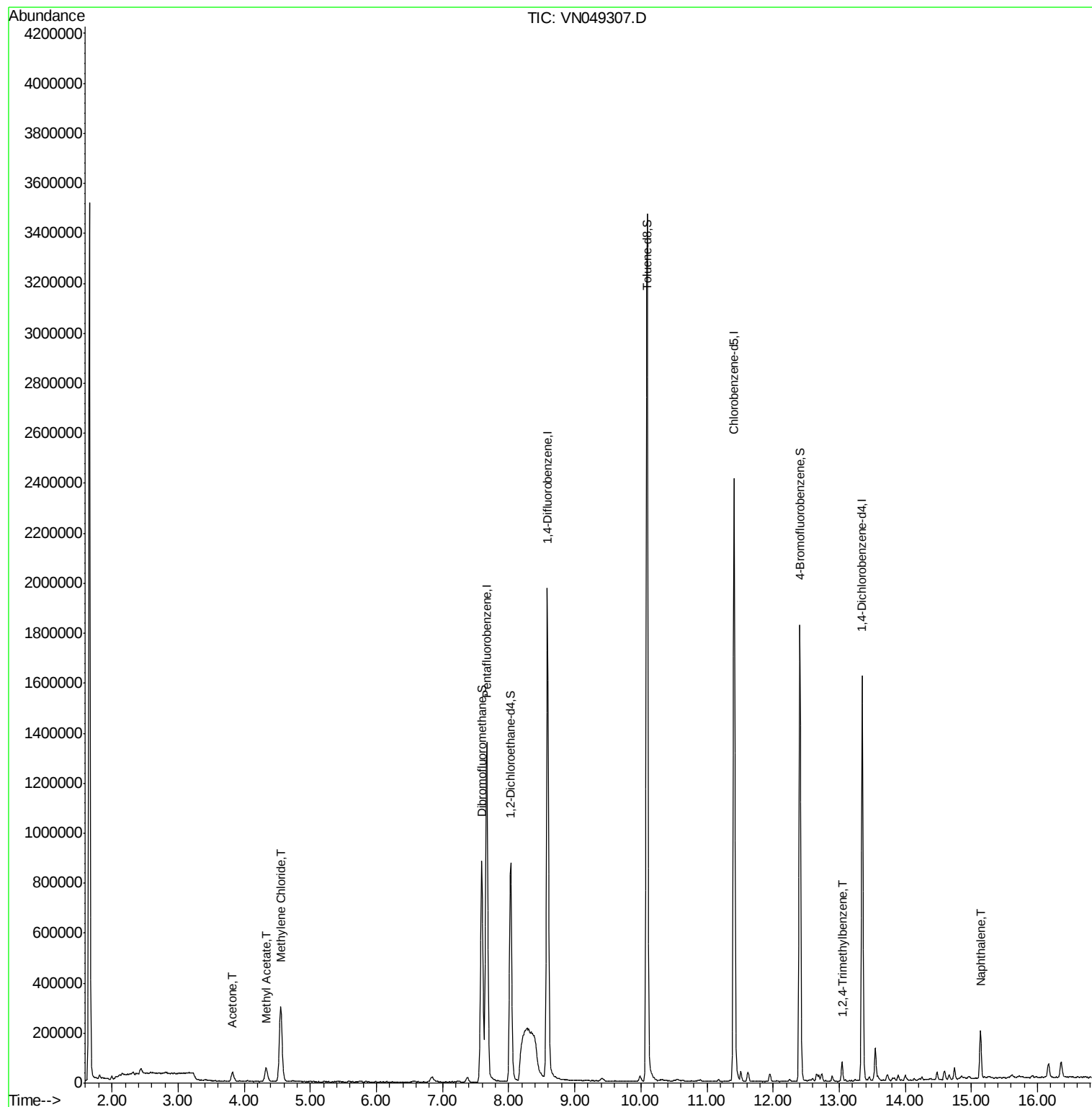
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	60563	16.01	ug/l	98
18) Methyl Acetate	4.33	43	112400	9.75	ug/l	97
20) Methylene Chloride	4.55	84	228008	14.44	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	44417	1.39	ug/l	96
95) Naphthalene	15.14	128	166502	14.54	ug/l	98

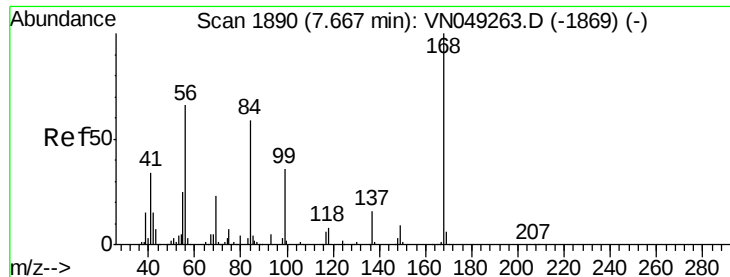
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049307.D
Acq On : 16 Jun 2018 12:52
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-D-S

Quant Time: Jun 18 05:31:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049307.D

Acq: 16 Jun 2018 12:52

Instrument :

MSVOA_N

ClientSampleId :

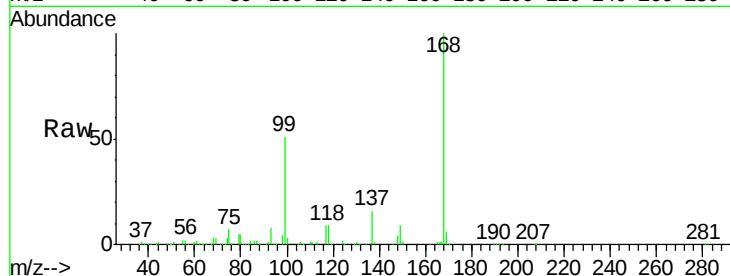
TP-D-S

Tot Ion:168 Resp: 1174316

Ion Ratio Lower Upper

168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

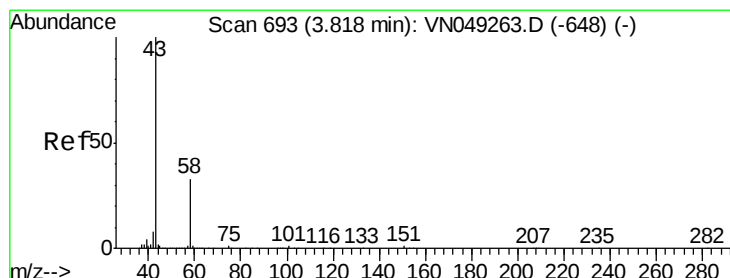
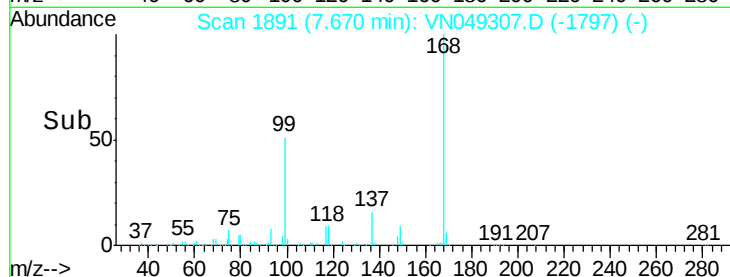
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 16.01 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049307.D

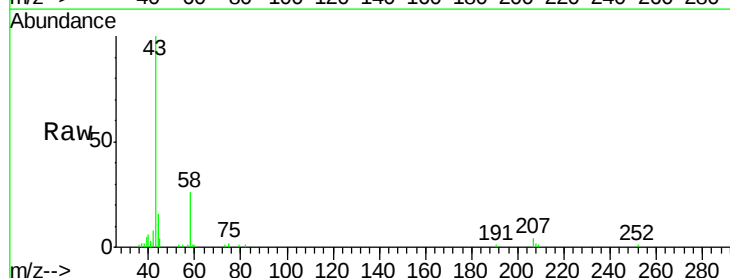
Acq: 16 Jun 2018 12:52

Tgt Ion: 43 Resp: 60563

Ion Ratio Lower Upper

43 100

58 26.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

25000

20000

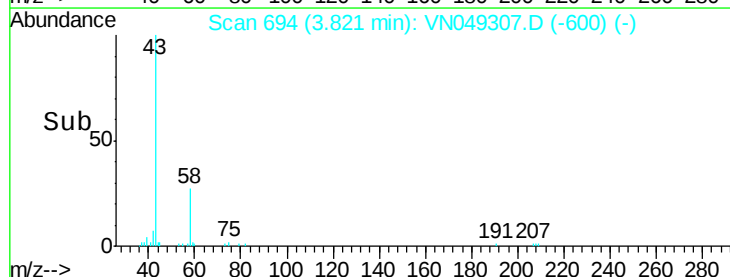
15000

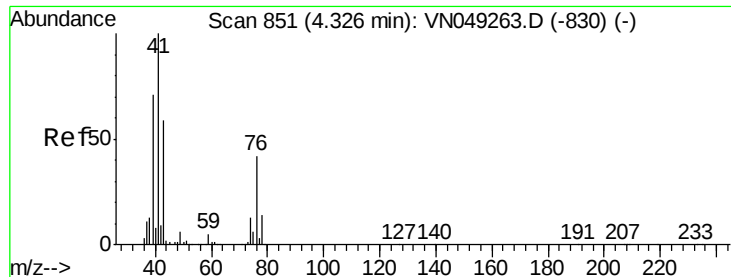
10000

5000

0

Time--> 3.70 3.80 3.90

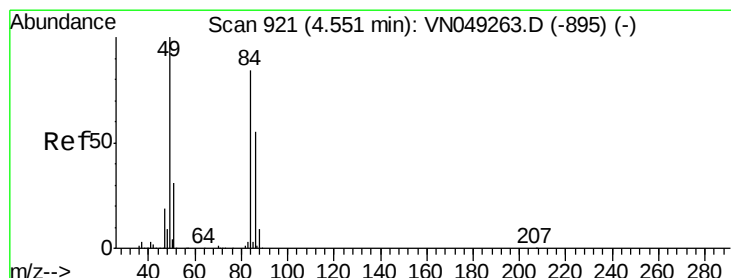
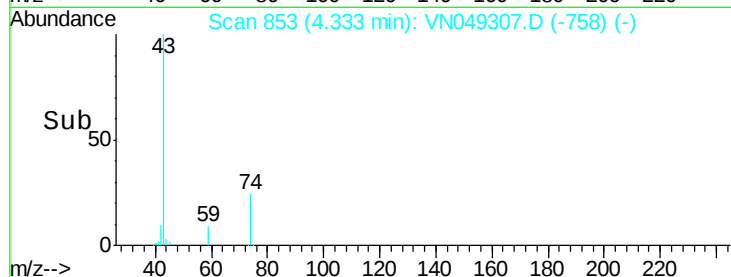
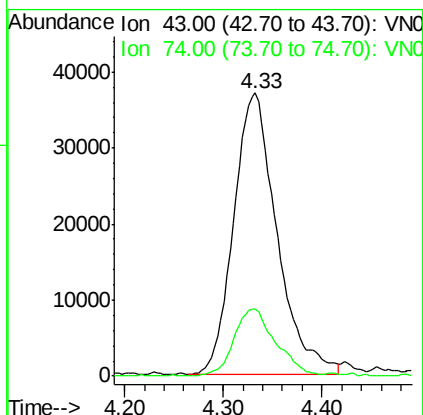
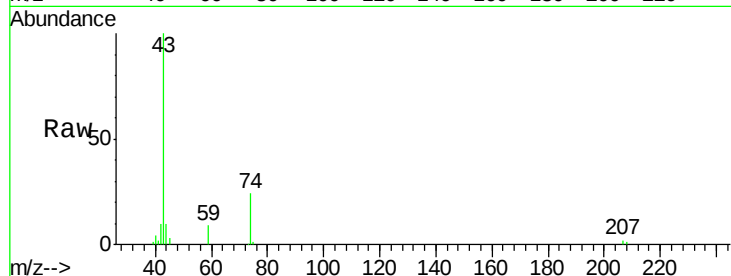




#18
Methvl Acetate
Concen: 9.75 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049307.D
Acq: 16 Jun 2018 12:52

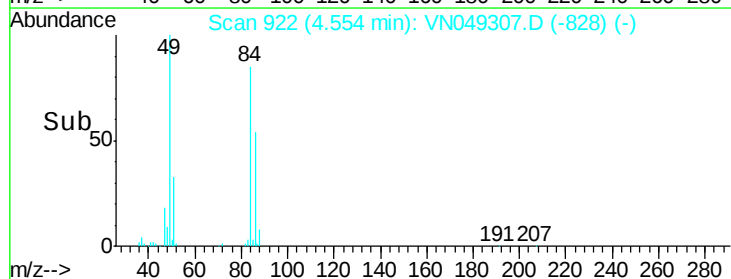
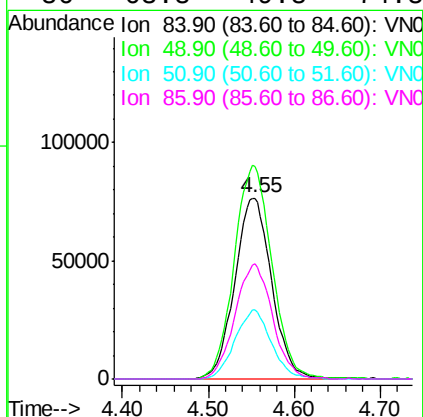
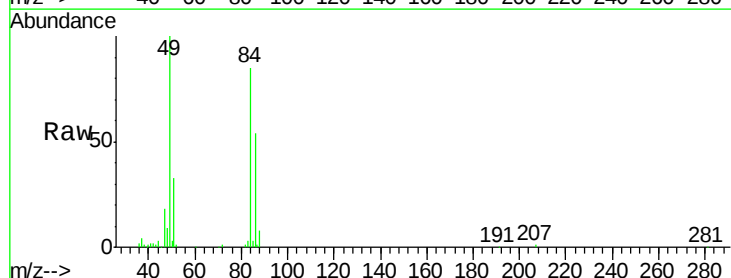
Instrument :
MSVOA_N
ClientSampleId :
TP-D-S

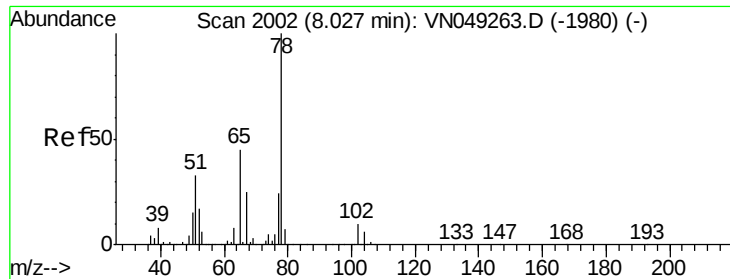
Tot Ion: 43 Resp: 112400
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0



#20
Methylene Chloride
Concen: 14.44 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049307.D
Acq: 16 Jun 2018 12:52

Tgt Ion: 84 Resp: 228008
Ion Ratio Lower Upper
84 100
49 117.6 106.9 160.3
51 38.3 32.7 49.1
86 63.8 49.8 74.8

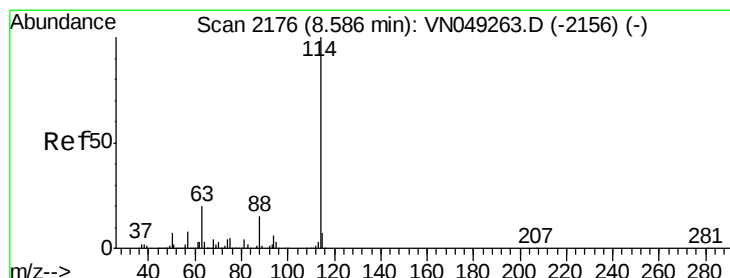
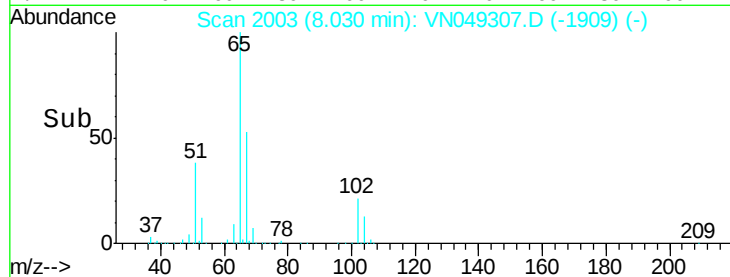
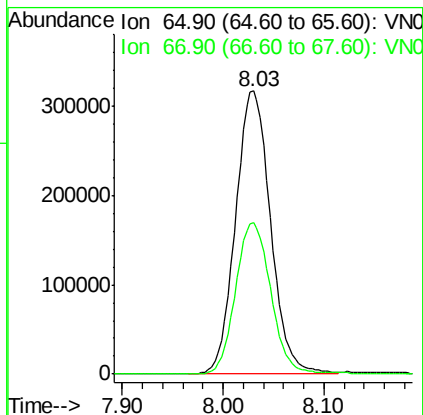
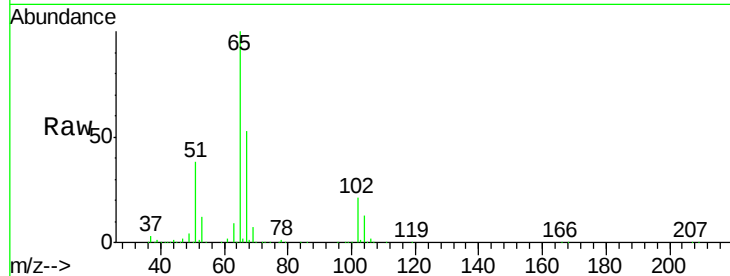




#33
 1,2-Dichloroethane-d4
 Concen: 49.01 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049307.D
 Acq: 16 Jun 2018 12:52

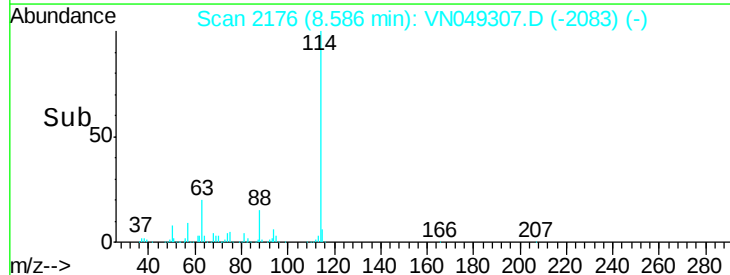
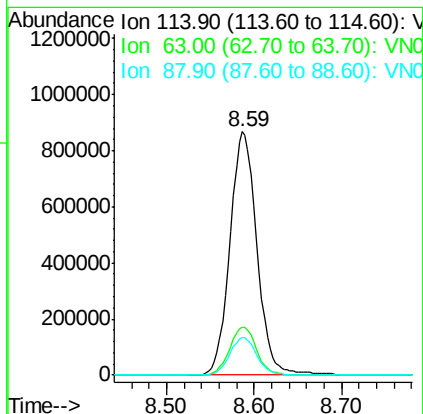
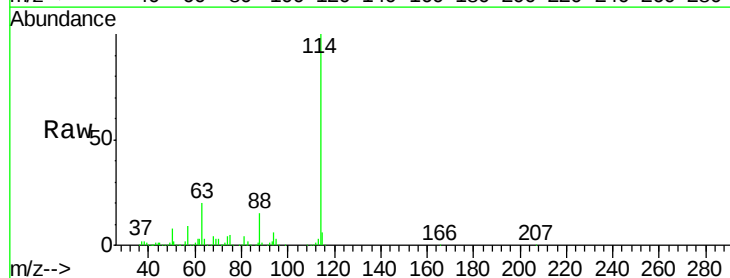
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-D-S

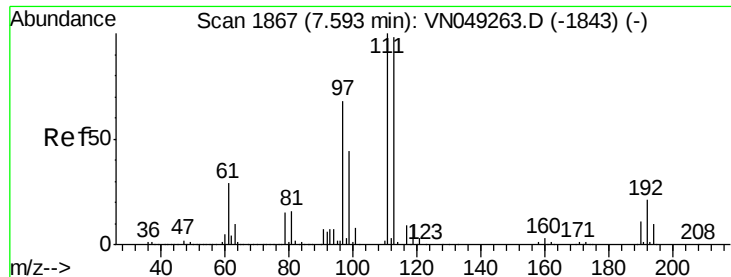
Tot Ion: 65 Resp: 763368
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049307.D
 Acq: 16 Jun 2018 12:52

Tgt Ion: 114 Resp: 1858830
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.4
 88 15.4 0.0 31.4

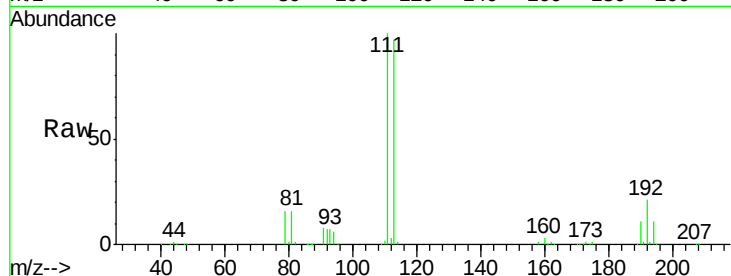




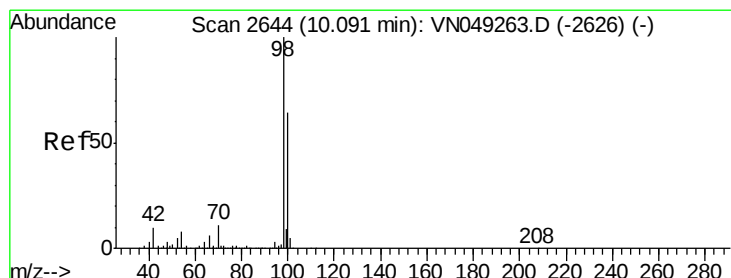
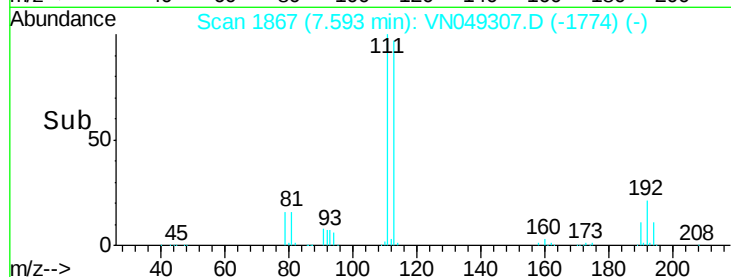
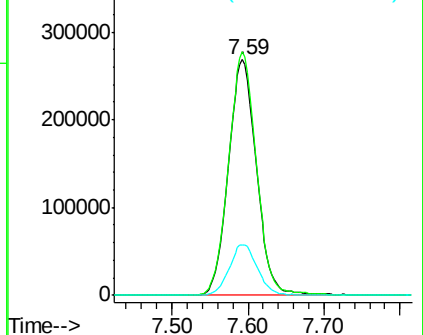
#35
 Dibromofluoromethane
 Concen: 45.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049307.D
 Acq: 16 Jun 2018 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-D-S

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	21.4	15.0	22.6

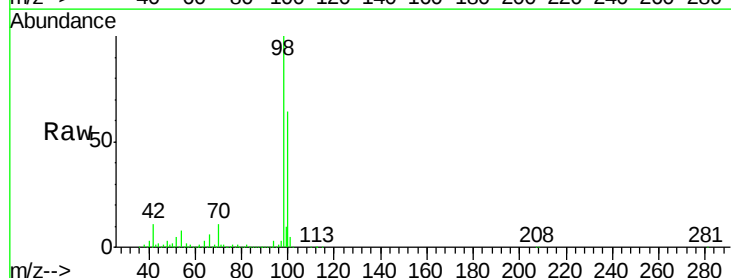


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

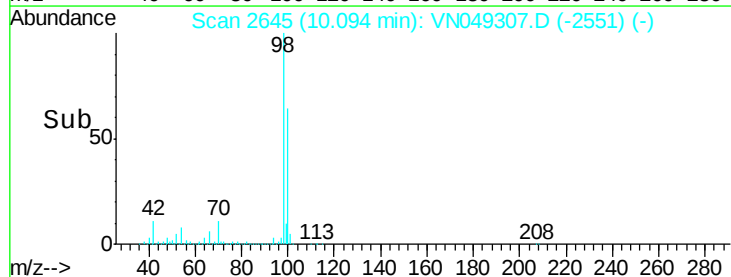
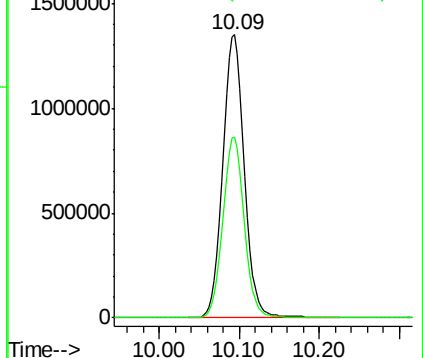


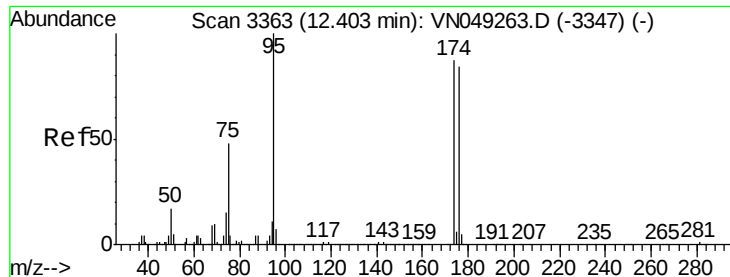
#50
 Toluene-d8
 Concen: 43.99 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049307.D
 Acq: 16 Jun 2018 12:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	49.8	74.8



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 34.23 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049307.D

Acq: 16 Jun 2018 12:52

Instrument :

MSVOA_N

ClientSampleId :

TP-D-S

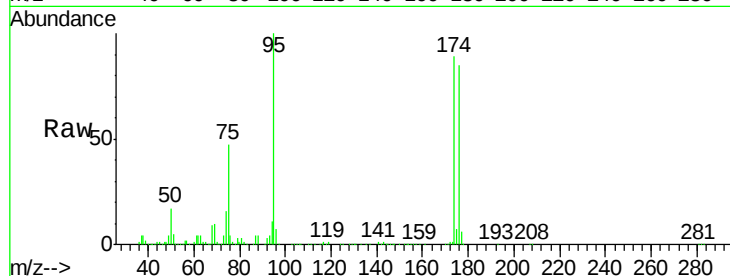
Tot Ion: 95 Resp: 648047

Ion Ratio Lower Upper

95 100

174 88.5 0.0 165.6

176 84.8 0.0 157.4

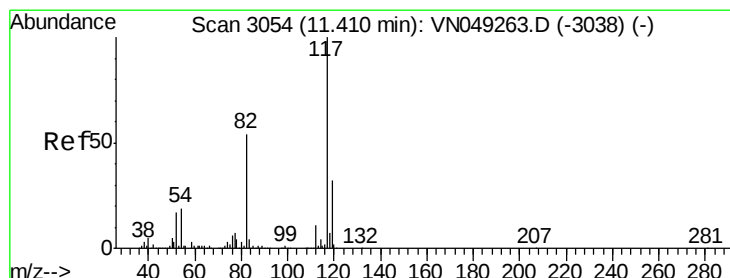
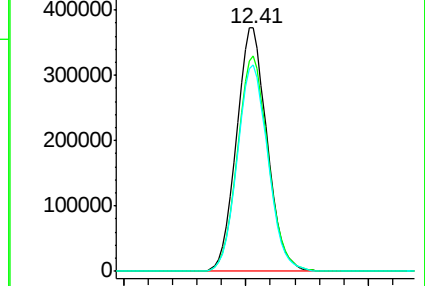
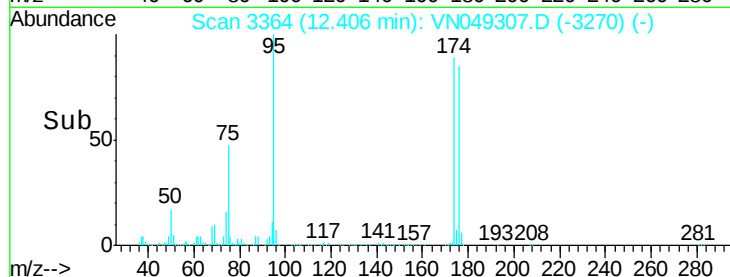


Abundance Ion 94.90 (94.60 to 95.60): VN049307.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049307.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049307.D (-3270) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049307.D

Acq: 16 Jun 2018 12:52

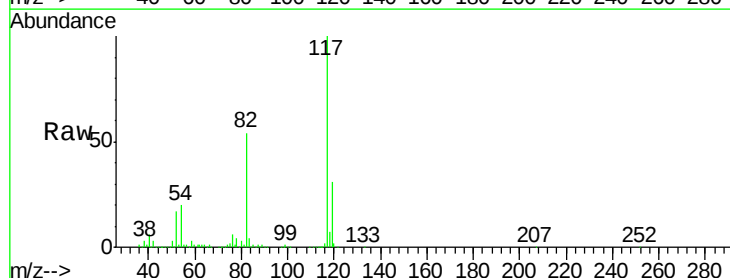
Tgt Ion: 117 Resp: 1507767

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

119 31.5 25.5 38.3

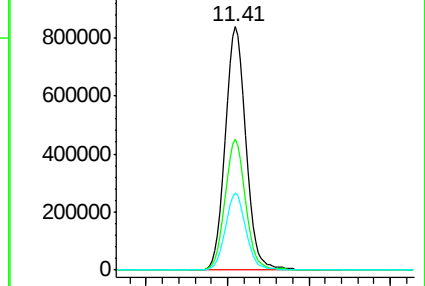
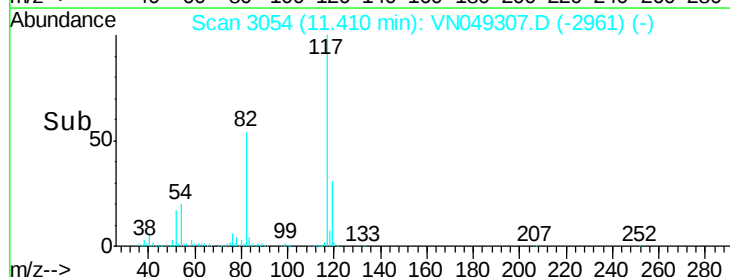


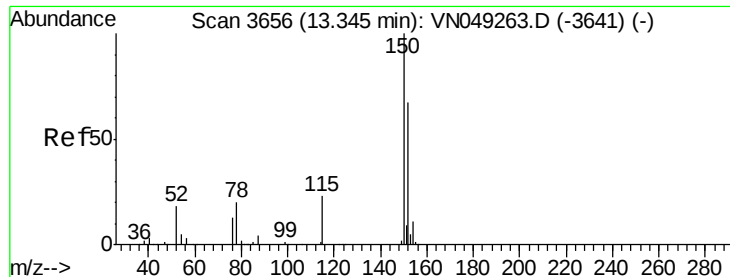
Abundance Ion 116.90 (116.60 to 117.60): VN049307.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049307.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049307.D (-2961) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049307.D

Acq: 16 Jun 2018 12:52

Instrument :

MSVOA_N

ClientSampleId :

TP-D-S

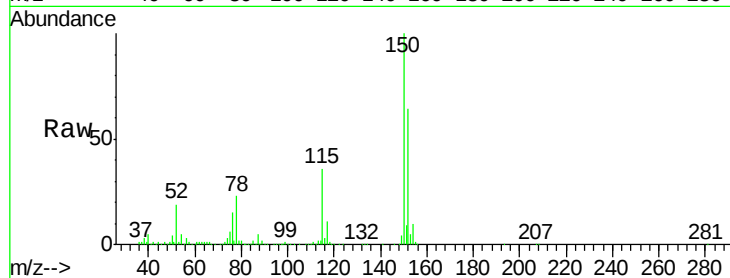
Tot Ion:152 Resp: 464979

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.1

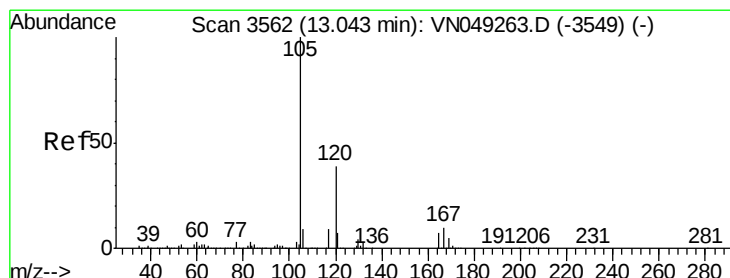
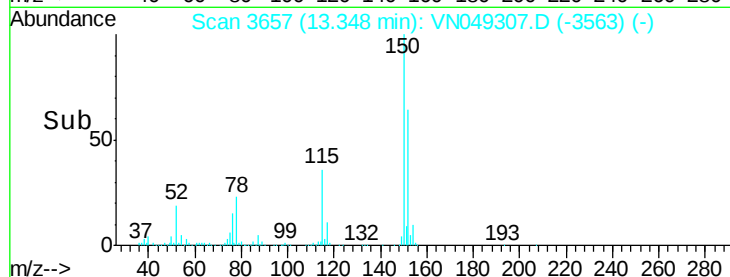
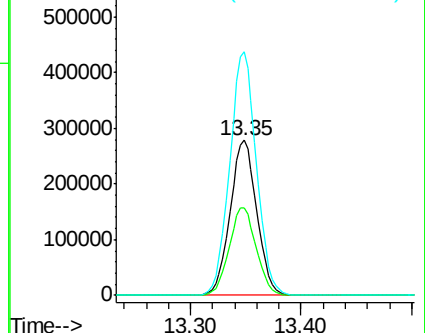
150 157.5 0.0 351.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.39 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049307.D

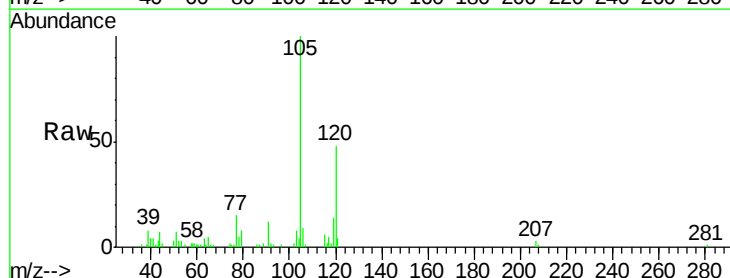
Acq: 16 Jun 2018 12:52

Tgt Ion:105 Resp: 44417

Ion Ratio Lower Upper

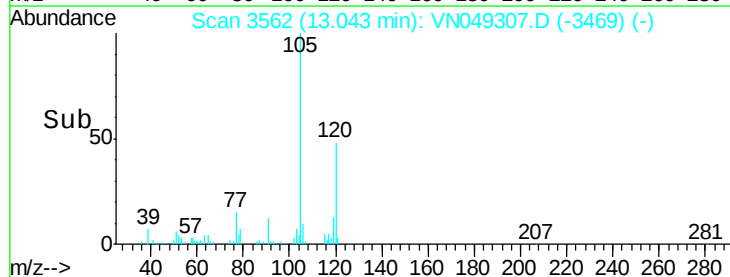
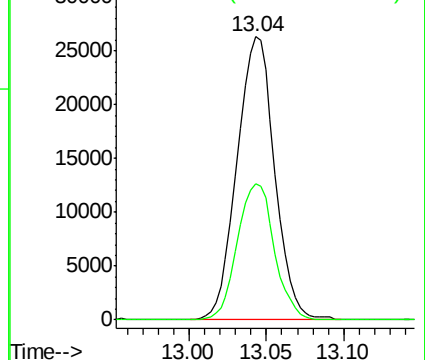
105 100

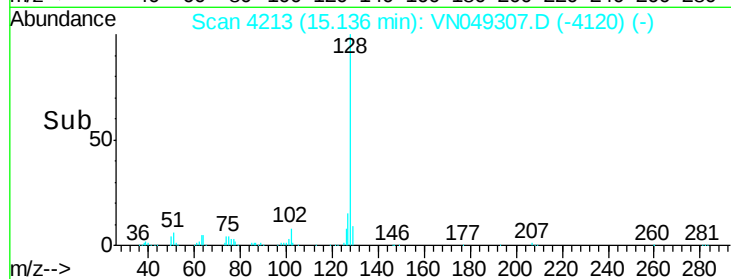
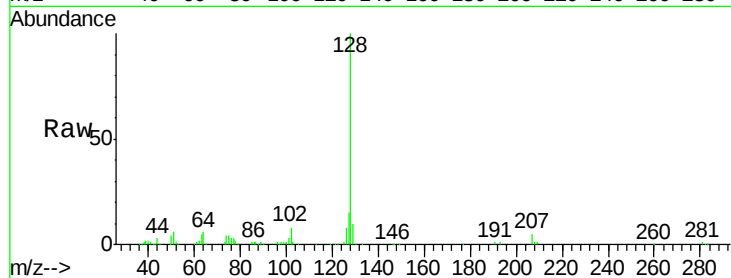
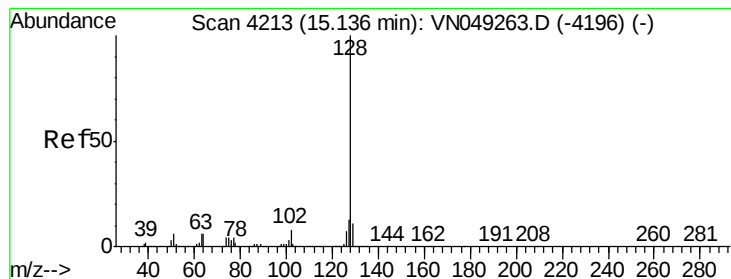
120 47.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 14.54 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049307.D

Acq: 16 Jun 2018 12:52

Instrument :

MSVOA_N

ClientSampleId :

TP-D-S

Tot Ion:128 Resp: 166502

Ion Ratio Lower Upper

128 100

127 14.4 10.6 16.0

129 10.6 8.5 12.7

