

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049990.D
 Acq On : 21 Jul 2018 5:14
 Operator : MD\SY
 Sample : J4062-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Jul 21 06:31:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	541812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	931809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	771970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288946	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	401880	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
35) Dibromofluoromethane	7.59	113	352650	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
50) Toluene-d8	10.09	98	1242094	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.16%	
62) 4-Bromofluorobenzene	12.40	95	339168	34.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.10%	

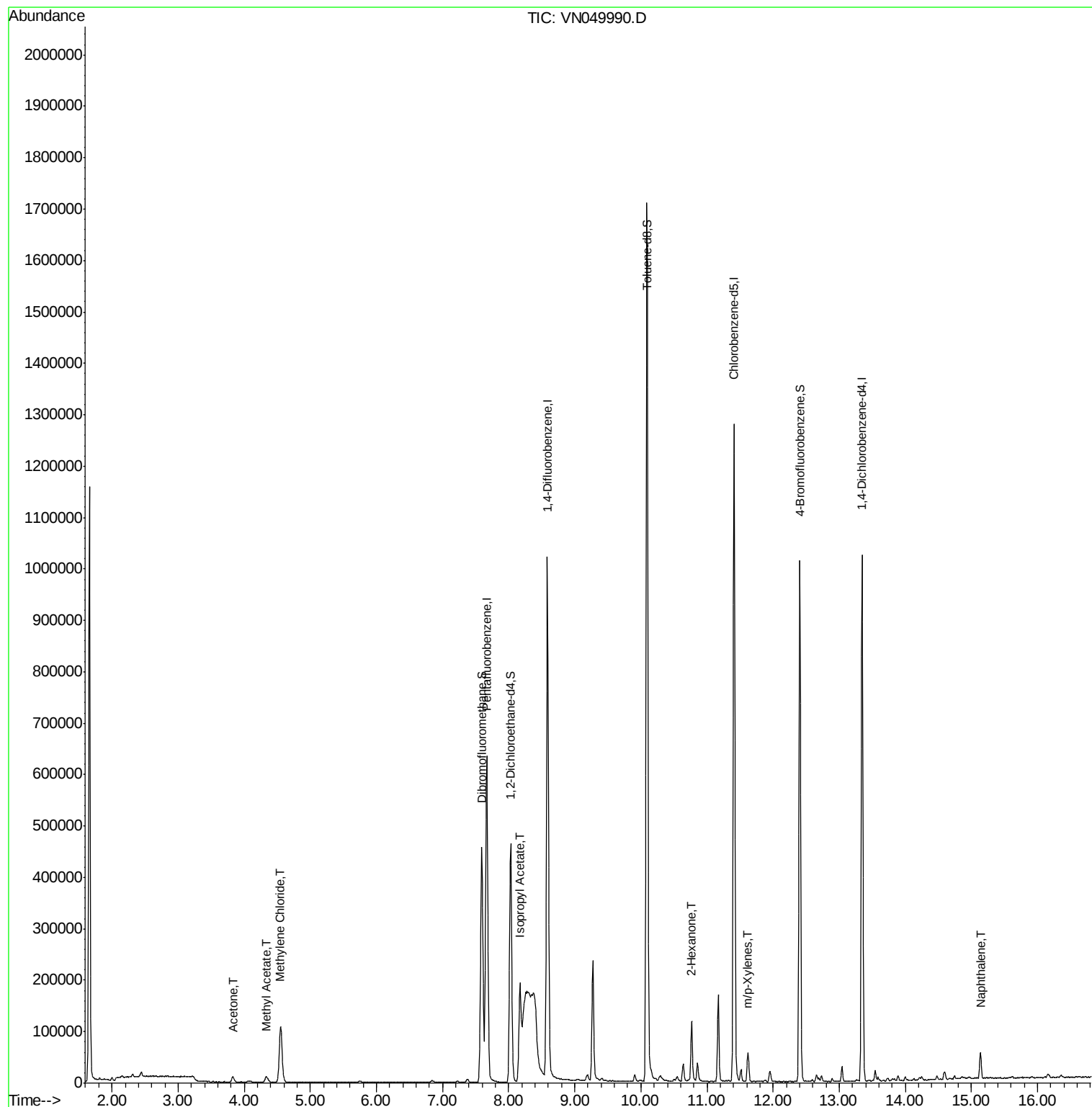
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	18900	9.80	ug/l	99
18) Methyl Acetate	4.33	43	23388	3.09	ug/l	92
20) Methylene Chloride	4.55	84	83597	11.40	ug/l	95
43) Isopropyl Acetate	8.17	43	235270	18.93	ug/l	97
59) 2-Hexanone	10.77	43	16323	3.50	ug/l #	59
68) m/p-Xylenes	11.62	106	17197	1.44	ug/l	92
95) Naphthalene	15.14	128	43522	7.39	ug/l	99

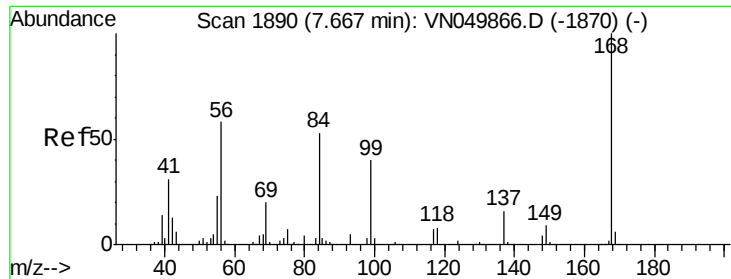
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-4

Quant Time: Jul 21 06:31:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049990.D

Acq: 21 Jul 2018 5:14

Instrument :

MSVOA_N

ClientSampled :

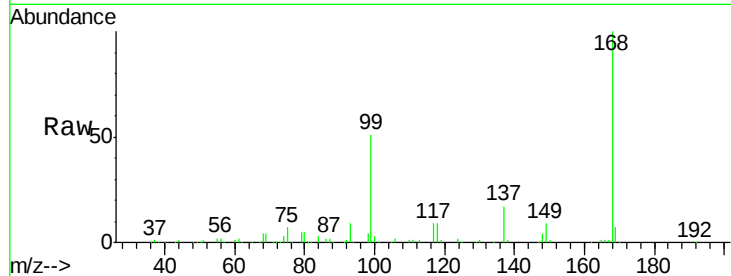
TP-4

Tot Ion:168 Resp: 541812

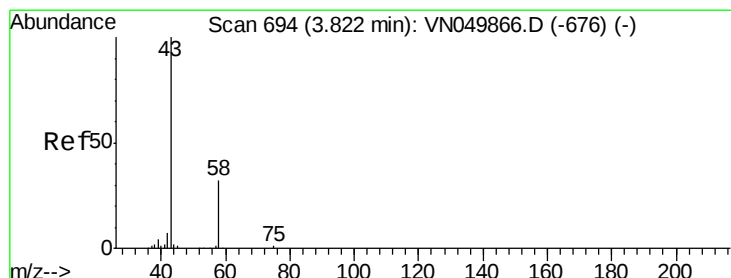
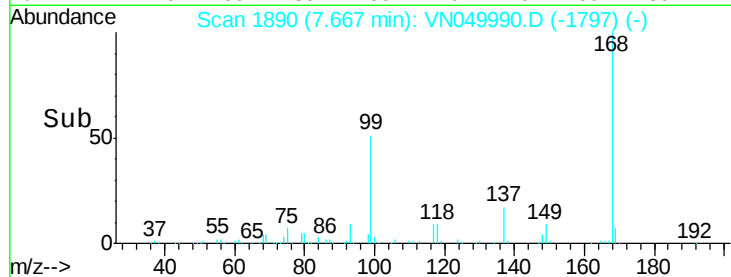
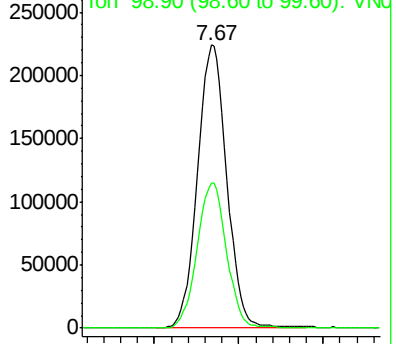
Ion Ratio Lower Upper

168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN049990.D (-1797) (-)



#16

Acetone

Concen: 9.80 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049990.D

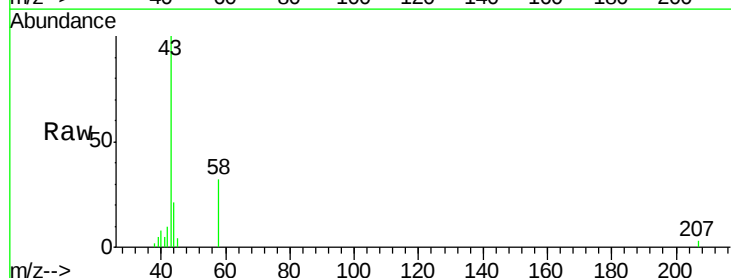
Acq: 21 Jul 2018 5:14

Tgt Ion: 43 Resp: 18900

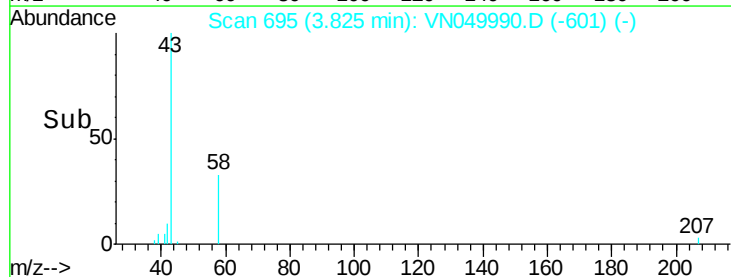
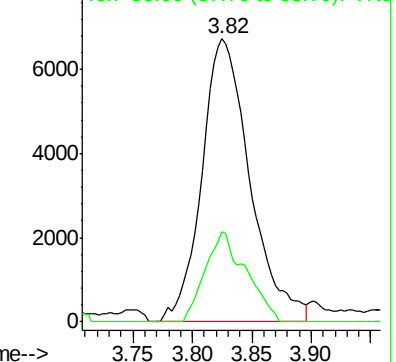
Ion Ratio Lower Upper

43 100

58 31.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049990.D (-601) (-)

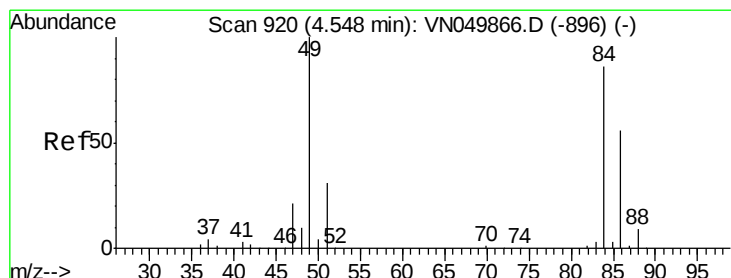
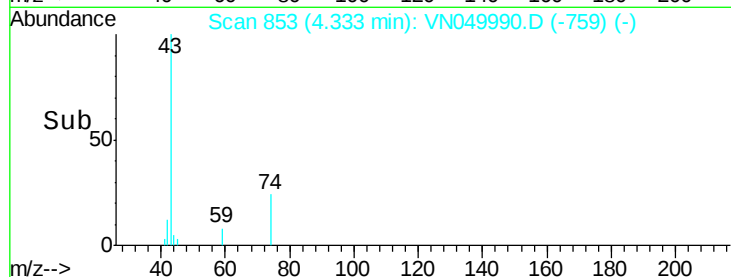
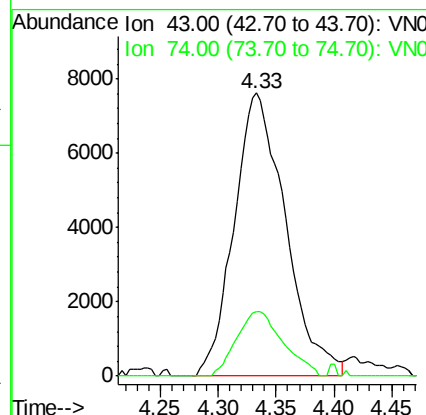
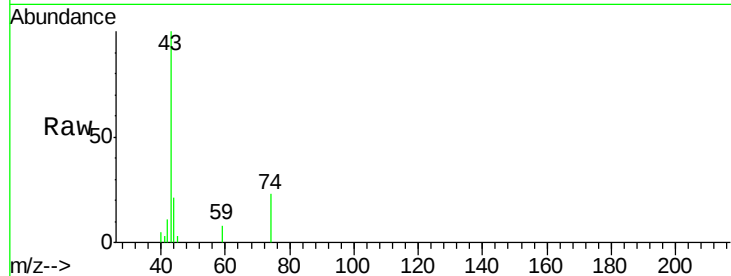




#18
Methvl Acetate
Concen: 3.09 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049990.D
Acq: 21 Jul 2018 5:14

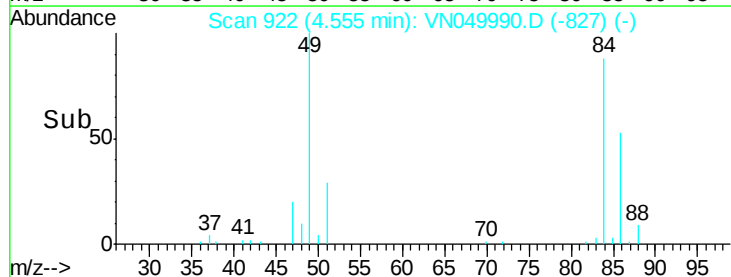
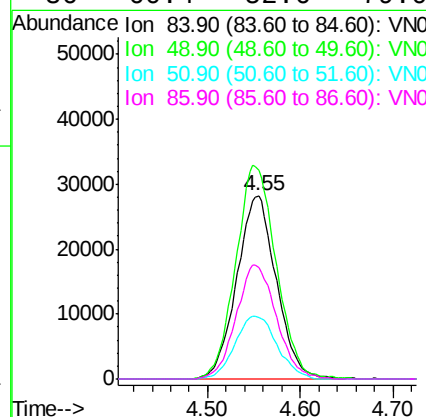
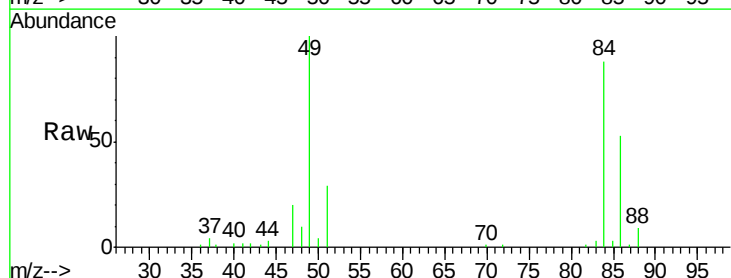
Instrument :
MSVOA_N
ClientSampled :
TP-4

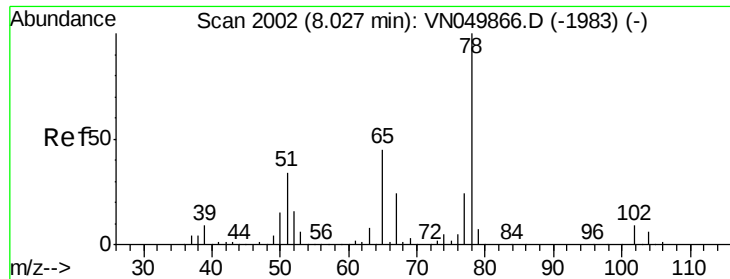
Tot Ion: 43 Resp: 23388
Ion Ratio Lower Upper
43 100
74 20.8 19.8 29.8



#20
Methylene Chloride
Concen: 11.40 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049990.D
Acq: 21 Jul 2018 5:14

Tgt Ion: 84 Resp: 83597
Ion Ratio Lower Upper
84 100
49 113.7 95.4 143.2
51 33.5 28.4 42.6
86 60.4 52.6 79.0

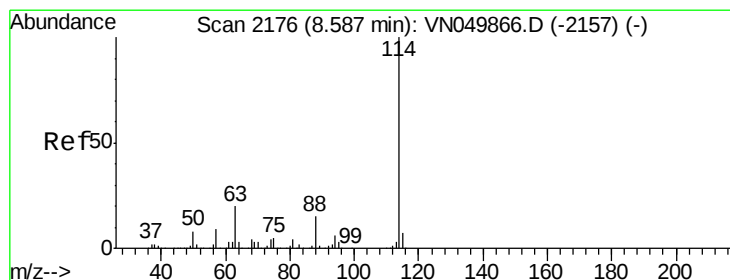
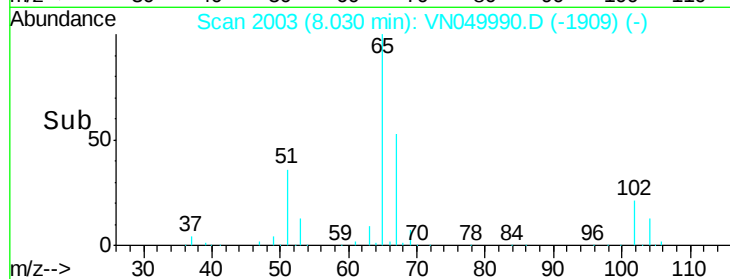
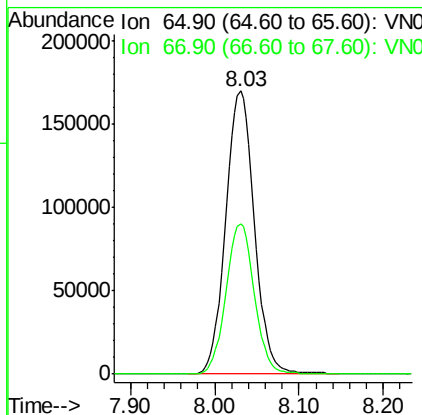
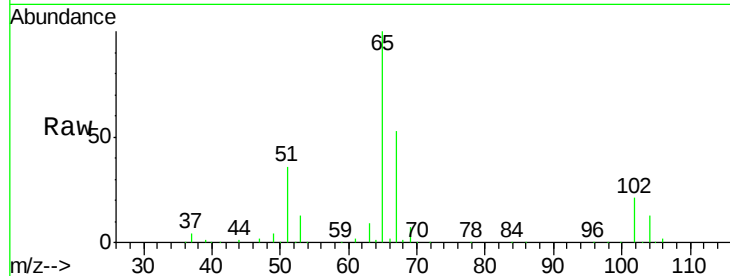




#33
 1,2-Dichloroethane-d4
 Concen: 53.97 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049990.D
 Acq: 21 Jul 2018 5:14

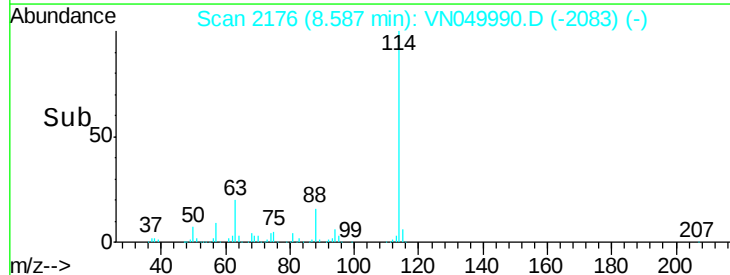
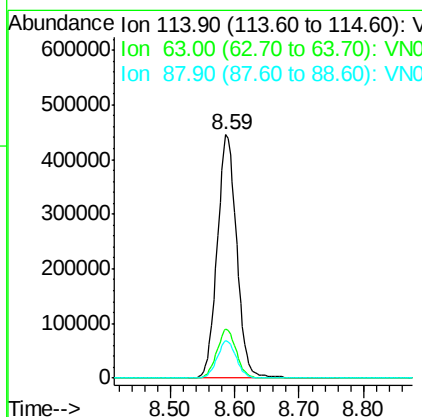
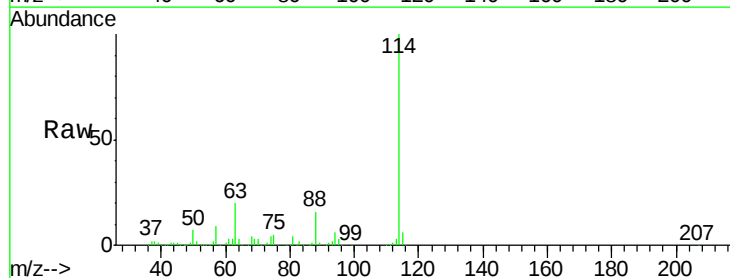
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Tot Ion: 65 Resp: 401880
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049990.D
 Acq: 21 Jul 2018 5:14

Tgt Ion: 114 Resp: 931809
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.6 0.0 30.6

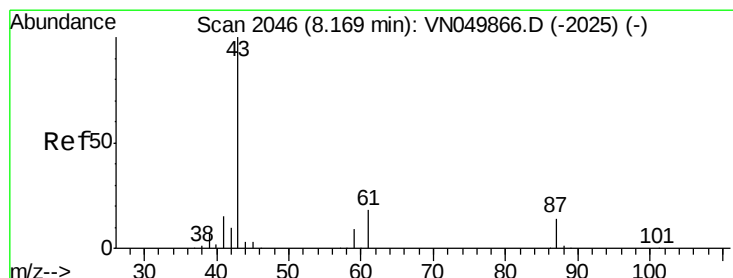
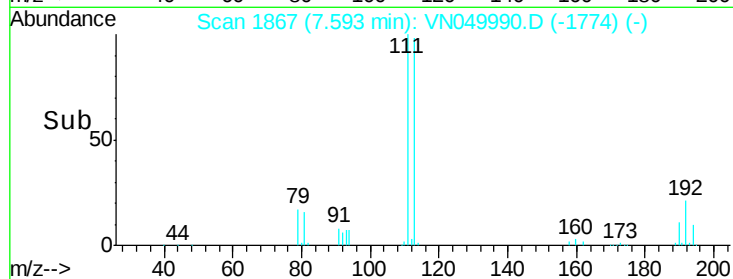
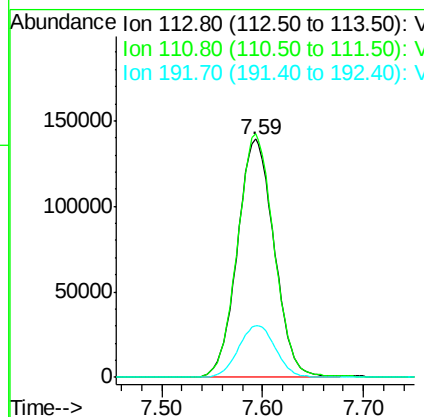
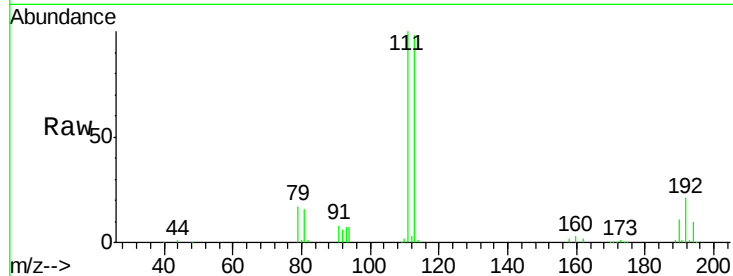




#35
 Dibromofluoromethane
 Concen: 45.08 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049990.D
 Acq: 21 Jul 2018 5:14

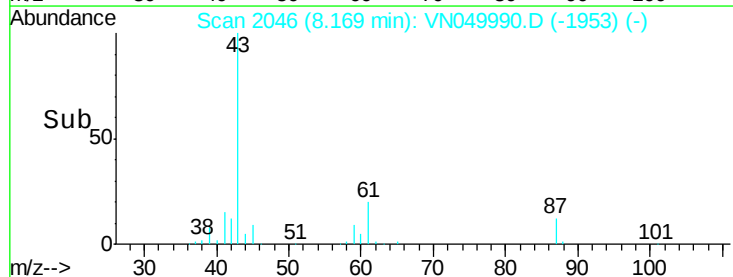
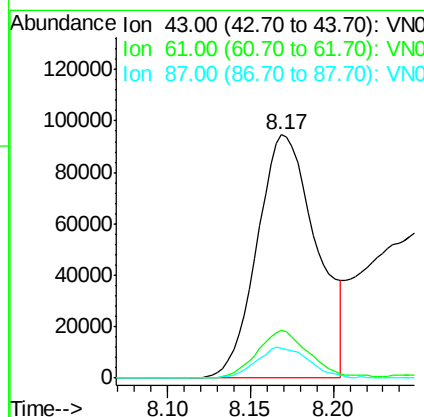
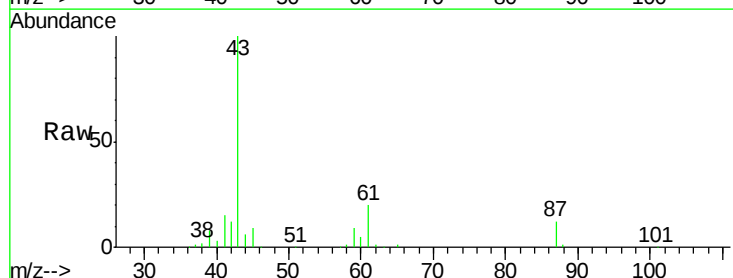
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

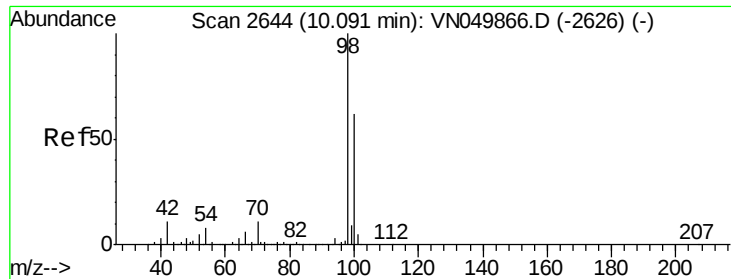
Tot Ion:113 Resp: 352650
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.8
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 18.93 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: VN049990.D
 Acq: 21 Jul 2018 5:14

Tgt Ion: 43 Resp: 235270
 Ion Ratio Lower Upper
 43 100
 61 17.4 14.9 22.3
 87 11.4 10.0 15.0

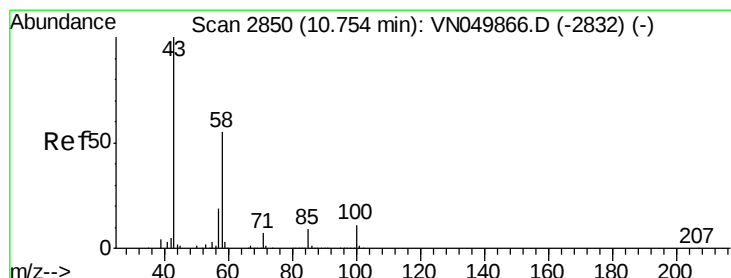
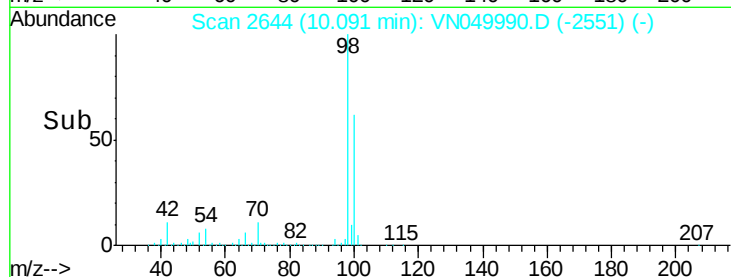
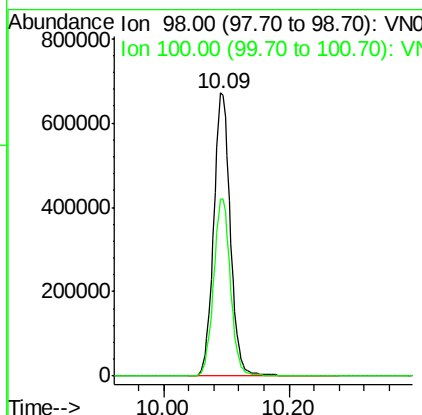
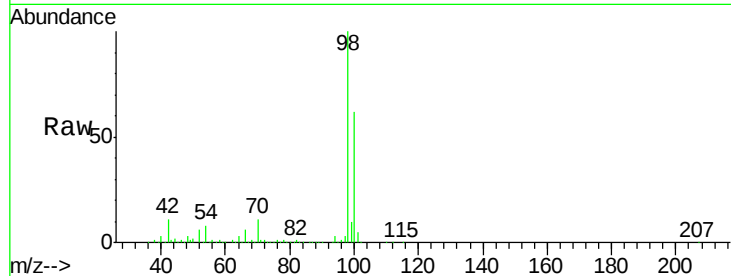




#50
Toluene-d8
Concen: 43.58 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049990.D
Acq: 21 Jul 2018 5:14

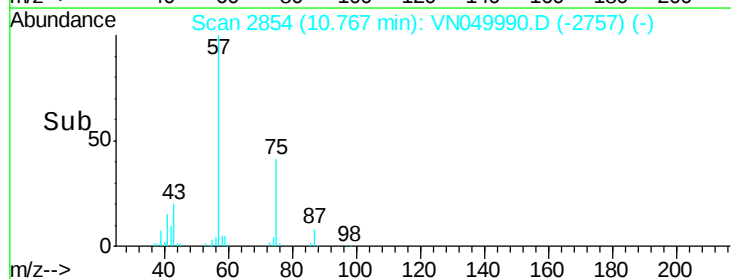
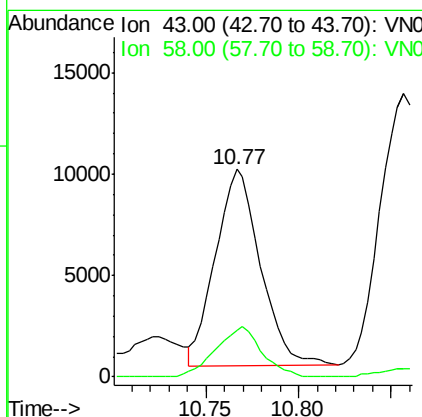
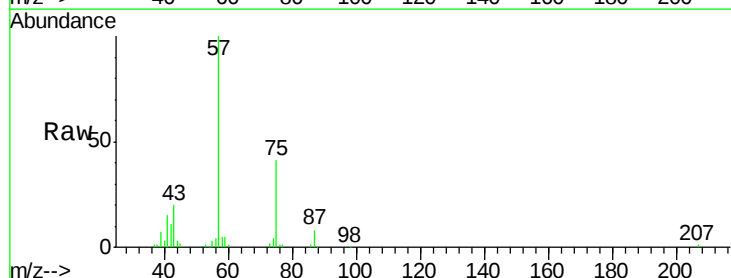
Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion: 98 Resp: 1242094
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#59
2-Hexanone
Concen: 3.50 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049990.D
Acq: 21 Jul 2018 5:14

Tgt Ion: 43 Resp: 16323
Ion Ratio Lower Upper
43 100
58 26.0 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.55 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049990.D

Acq: 21 Jul 2018 5:14

Instrument :

MSVOA_N

ClientSampled :

TP-4

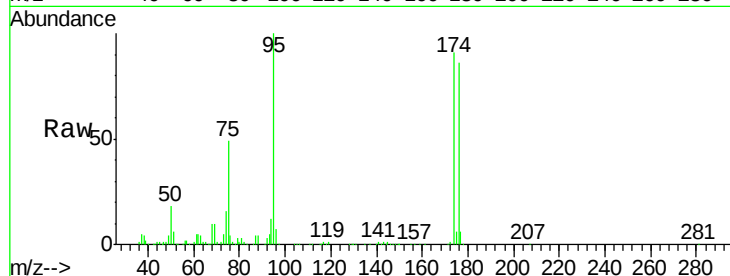
Tot Ion: 95 Resp: 339168

Ion Ratio Lower Upper

95 100

174 91.7 0.0 179.6

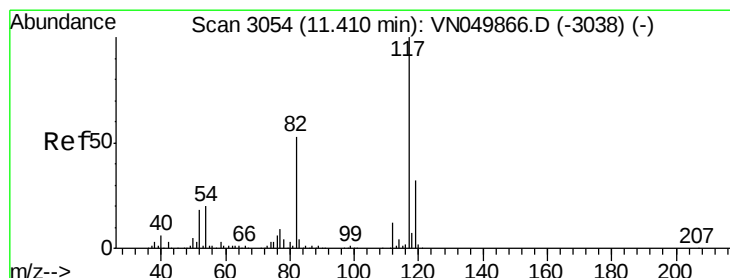
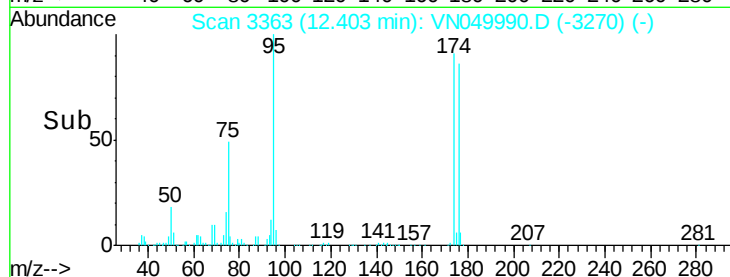
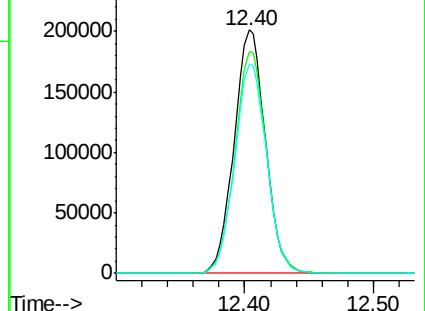
176 87.3 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049990.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049990.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049990.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049990.D

Acq: 21 Jul 2018 5:14

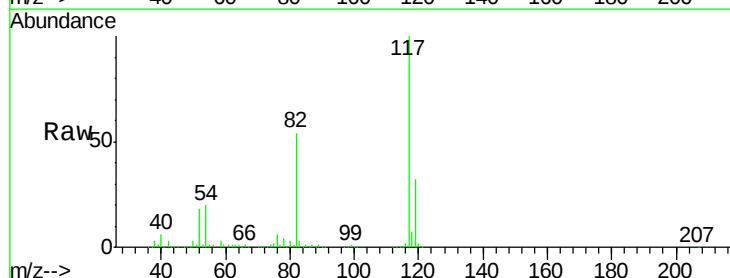
Tgt Ion: 117 Resp: 771970

Ion Ratio Lower Upper

117 100

82 54.5 41.9 62.9

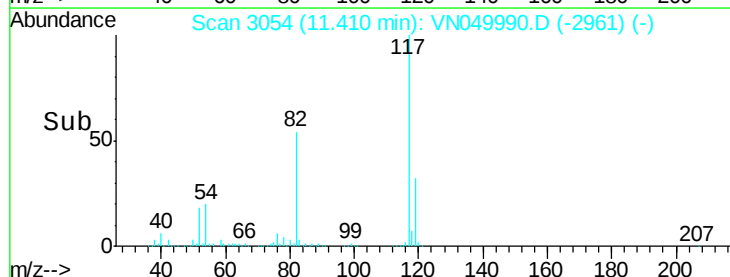
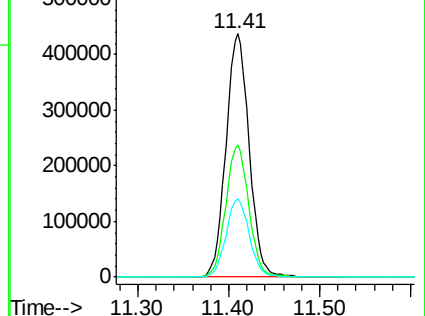
119 32.0 25.4 38.2

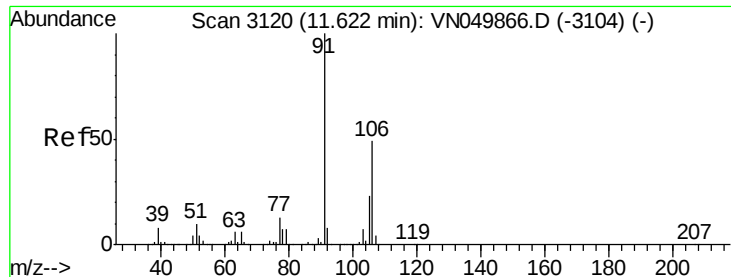


Abundance Ion 116.90 (116.60 to 117.60): VN049990.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049990.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049990.D (-2961) (-)

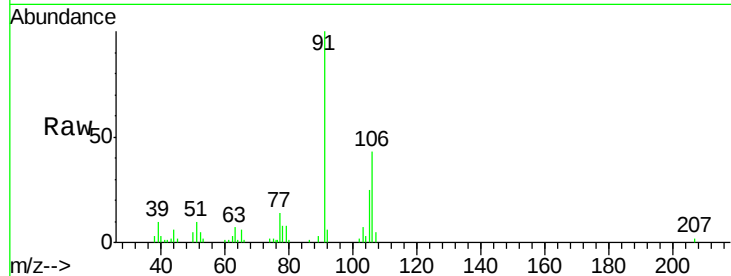




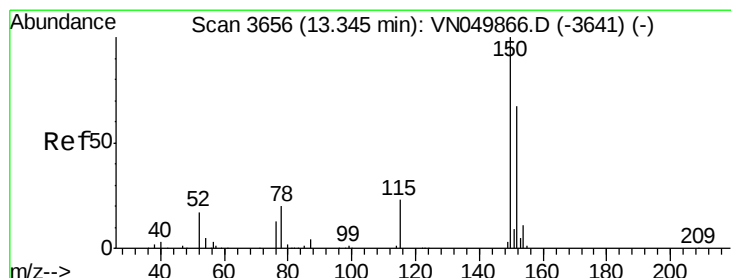
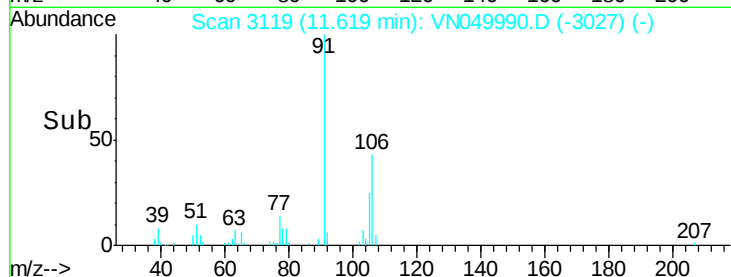
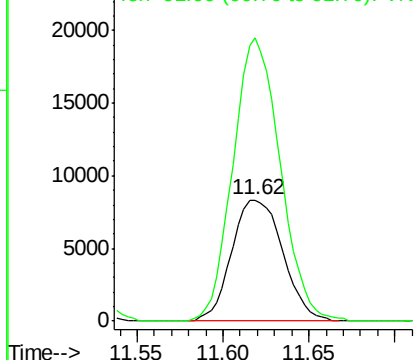
#68
m/p-Xvlenes
Concen: 1.44 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049990.D
Acq: 21 Jul 2018 5:14

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion:106 Resp: 17197
Ion Ratio Lower Upper
106 100
91 216.3 163.4 245.2

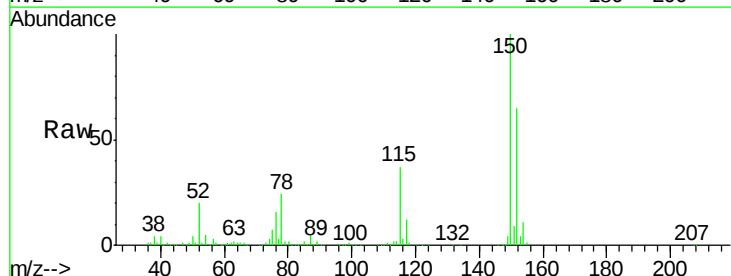


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

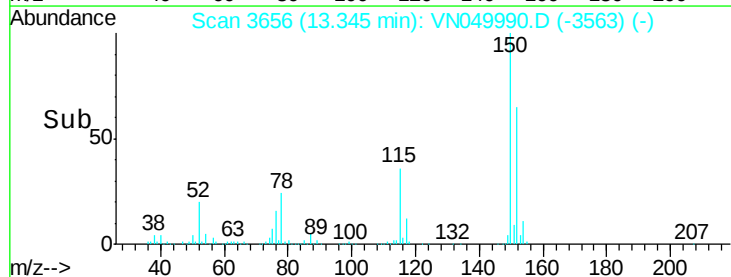
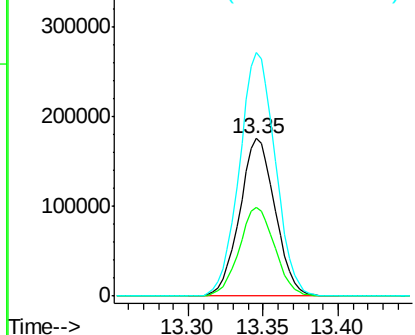


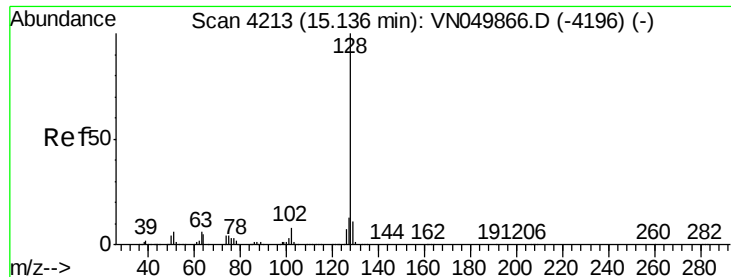
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049990.D
Acq: 21 Jul 2018 5:14

Tgt Ion:152 Resp: 288946
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.2
150 156.5 0.0 347.6



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

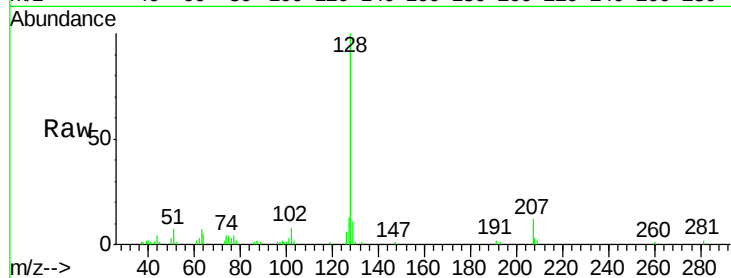




#95
 Naphthalene
 Concen: 7.39 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049990.D
 Acq: 21 Jul 2018 5:14

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Tot Ion:128 Resp: 43522
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 11.4 8.6 13.0



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

