

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049963.D
 Acq On : 20 Jul 2018 15:29
 Operator : MD\SY
 Sample : PB111289ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#03

Quant Time: Jul 21 02:02:23 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	557233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	940120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293445	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	409074	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	
35) Dibromofluoromethane	7.59	113	361371	45.79	ug/l	0.00
Spiked Amount			Recovery	=	91.58%	
50) Toluene-d8	10.09	98	1254222	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	
62) 4-Bromofluorobenzene	12.40	95	348879	35.23	ug/l	0.00
Spiked Amount			Recovery	=	70.46%	

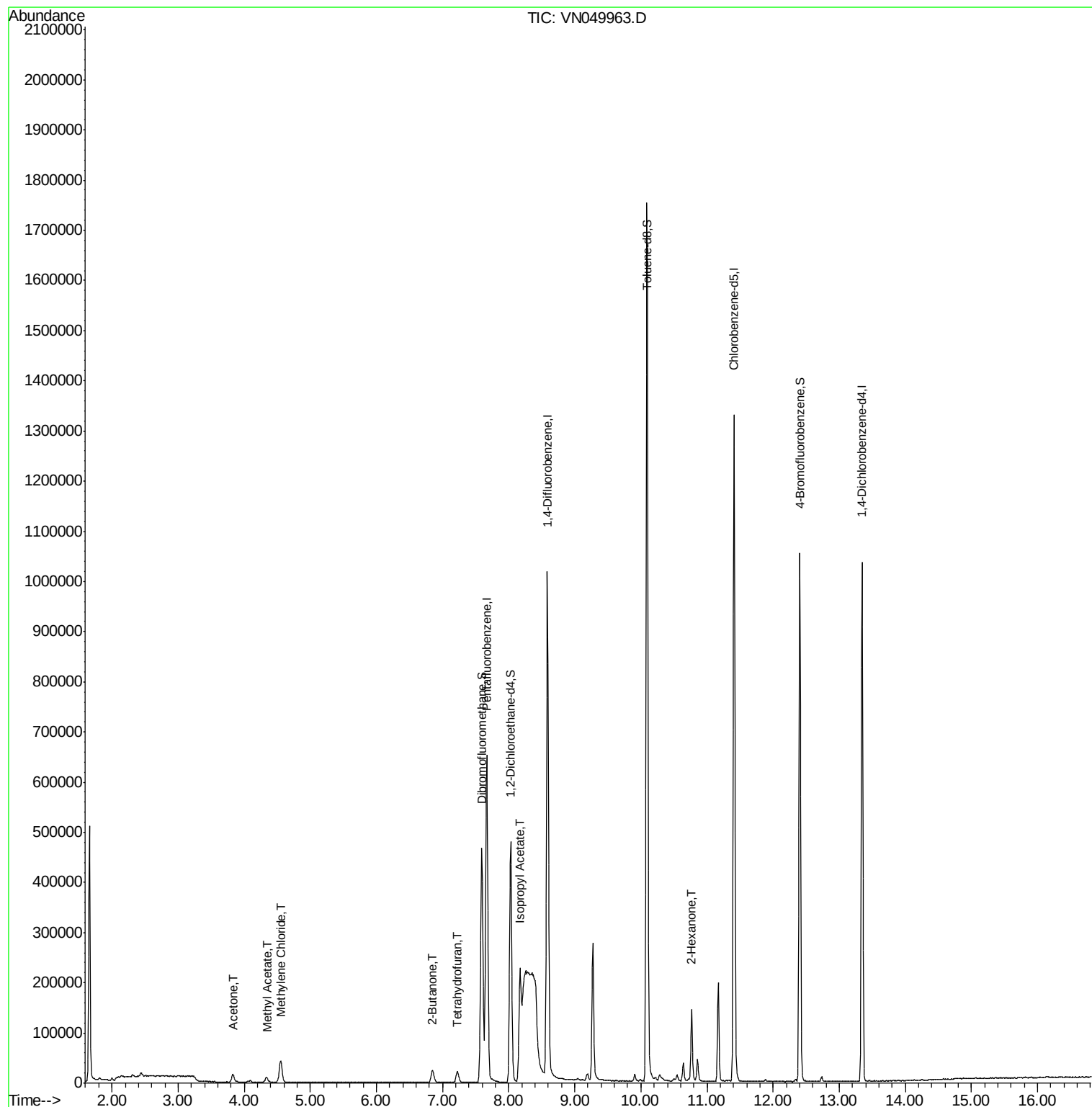
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	29321	14.79	ug/l	95
18) Methyl Acetate	4.34	43	19264	2.30	ug/l #	70
20) Methylene Chloride	4.55	84	33515	4.44	ug/l	94
25) 2-Butanone	6.85	43	36379	12.84	ug/l	94
29) Tetrahydrofuran	7.22	42	18037	10.10	ug/l	96
43) Isopropyl Acetate	8.17	43	270336	21.56	ug/l	96
59) 2-Hexanone	10.77	43	20733	4.40	ug/l #	57

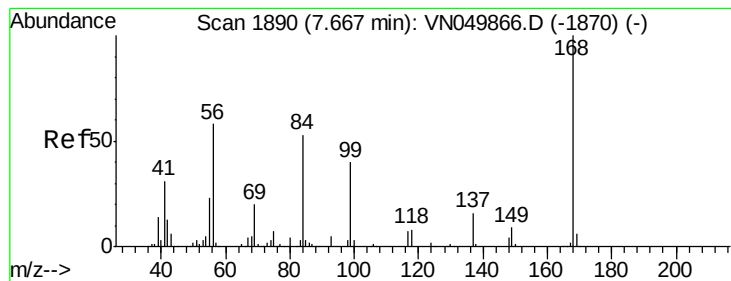
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

Lab File: VN049963.D

Acq: 20 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampleId :

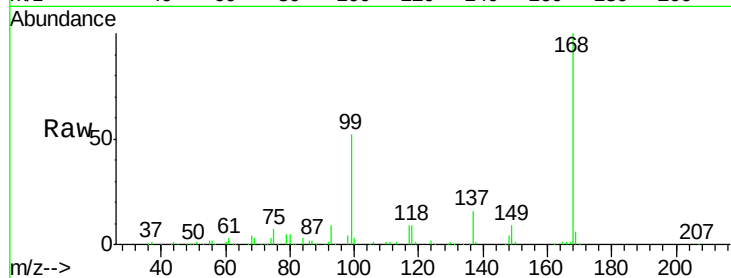
PB111289ZHE#03

Tot Ion:168 Resp: 557233

Ion Ratio Lower Upper

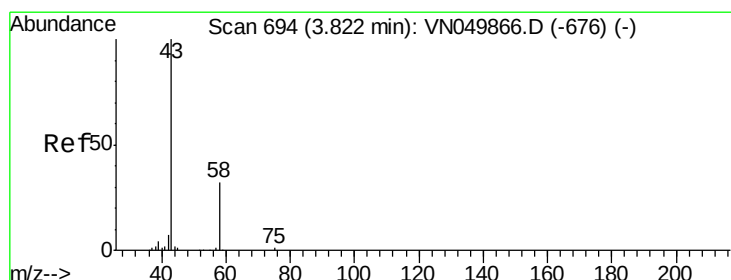
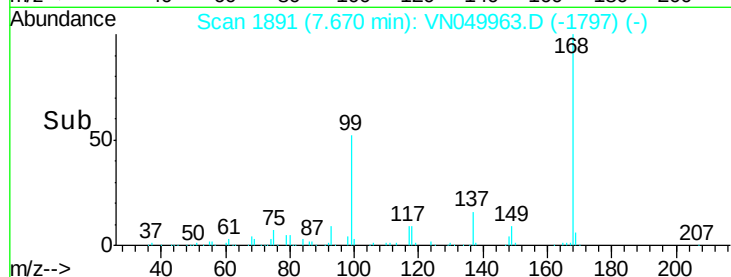
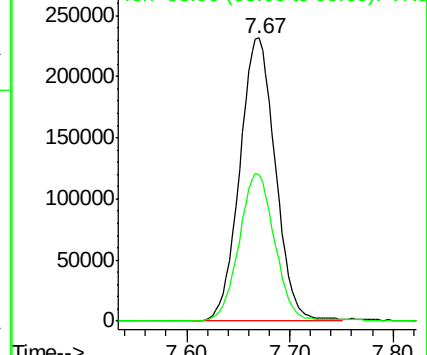
168 100

99 51.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 14.79 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049963.D

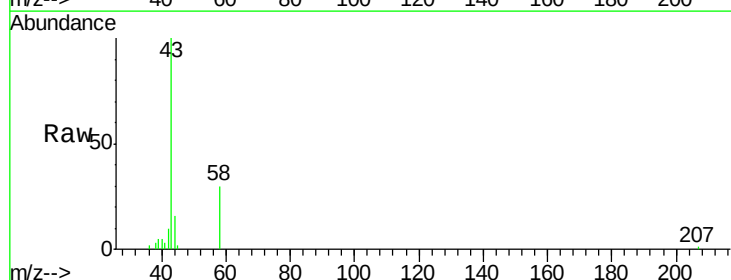
Acq: 20 Jul 2018 15:29

Tgt Ion: 43 Resp: 29321

Ion Ratio Lower Upper

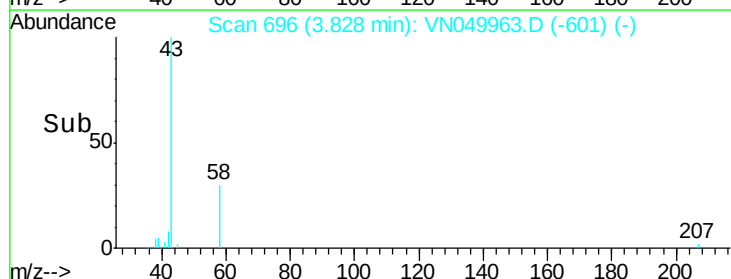
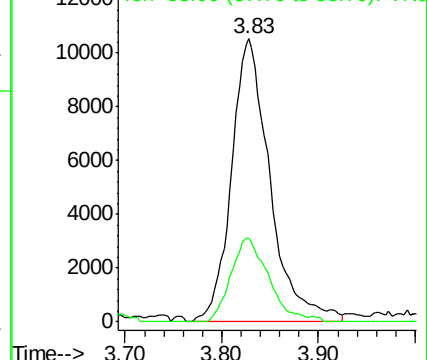
43 100

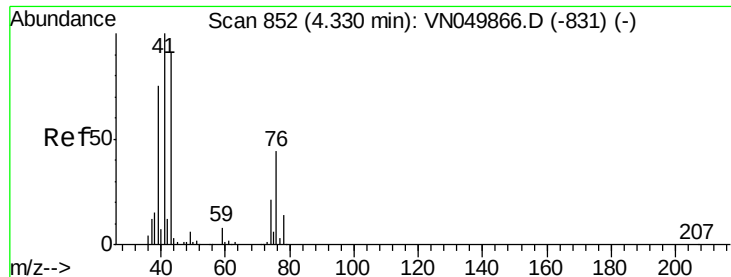
58 29.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methvl Acetate

Concen: 2.30 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049963.D

Acq: 20 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampleId :

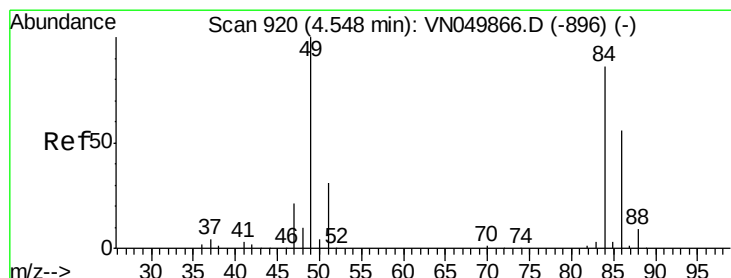
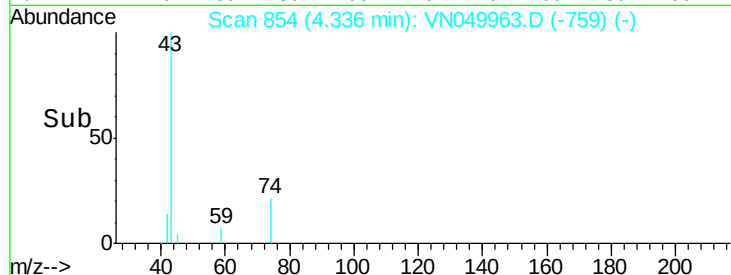
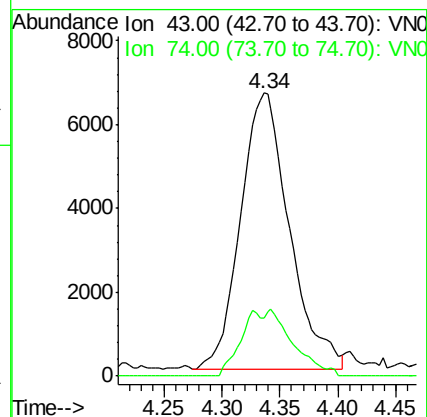
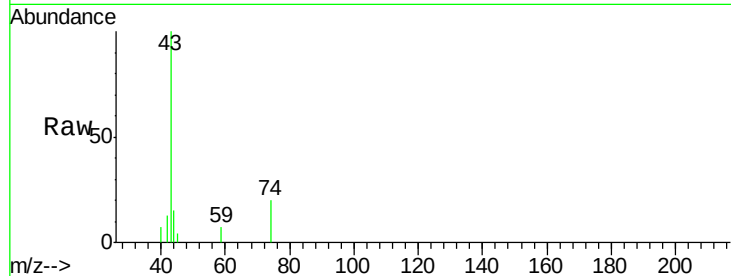
PB111289ZHE#03

Tot Ion: 43 Resp: 19264

Ion Ratio Lower Upper

43 100

74 9.9 19.8 29.8#



#20

Methylene Chloride

Concen: 4.44 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.01 min

Lab File: VN049963.D

Acq: 20 Jul 2018 15:29

Tgt Ion: 84 Resp: 33515

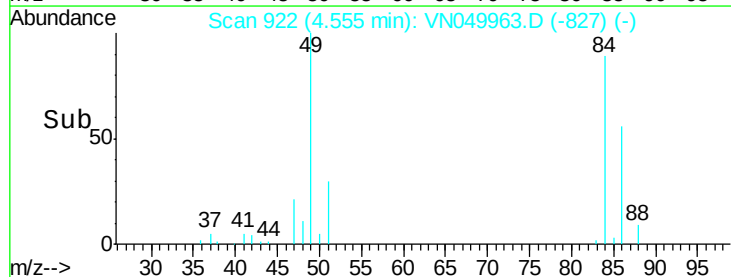
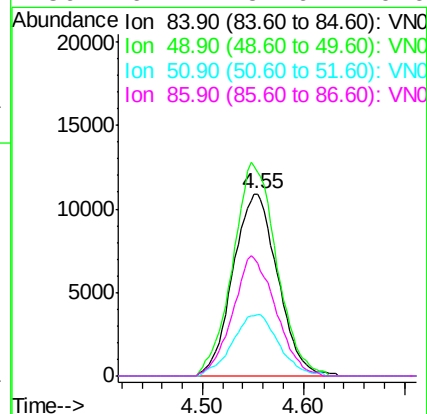
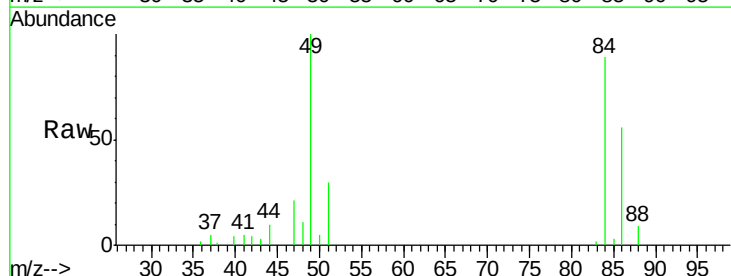
Ion Ratio Lower Upper

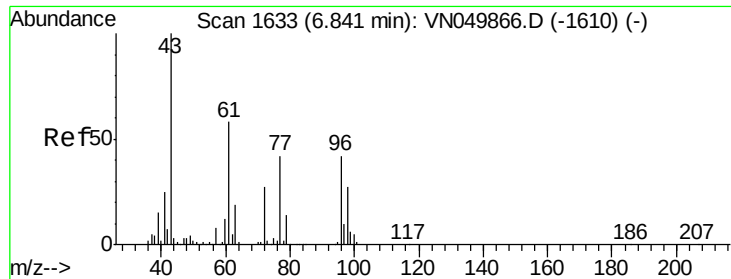
84 100

49 111.8 95.4 143.2

51 33.6 28.4 42.6

86 62.2 52.6 79.0





#25

2-Butanone

Concen: 12.84 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN049963.D

Acq: 20 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampleId :

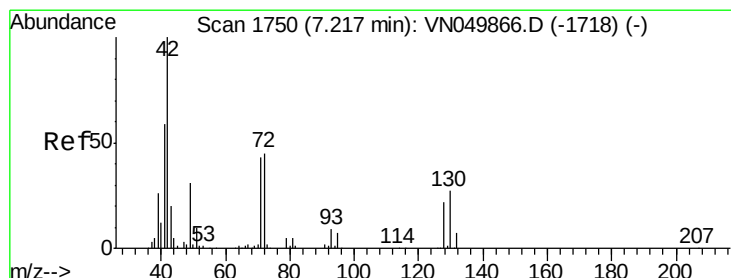
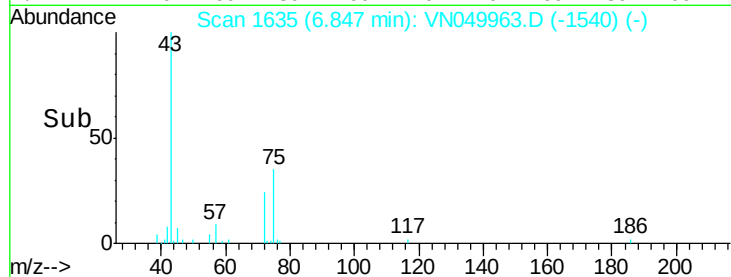
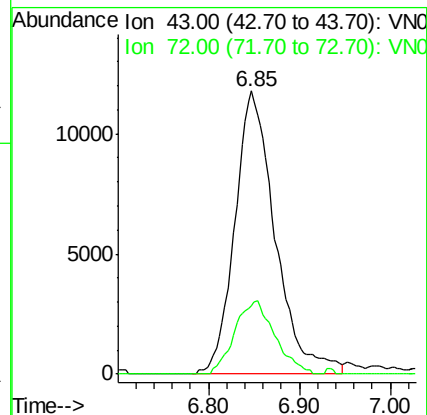
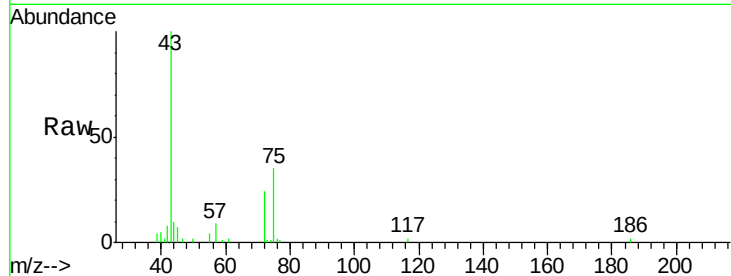
PB111289ZHE#03

Tot Ion: 43 Resp: 36379

Ion Ratio Lower Upper

43 100

72 24.2 22.1 33.1



#29

Tetrahydrofuran

Concen: 10.10 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049963.D

Acq: 20 Jul 2018 15:29

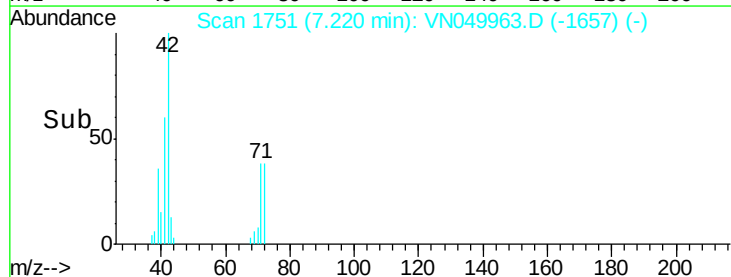
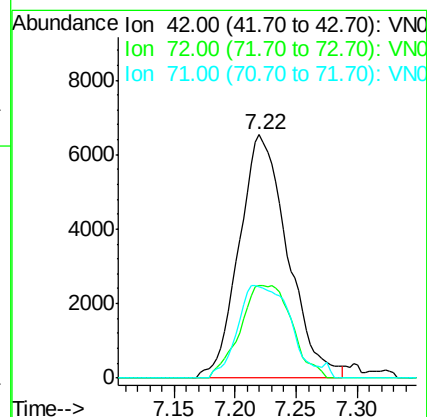
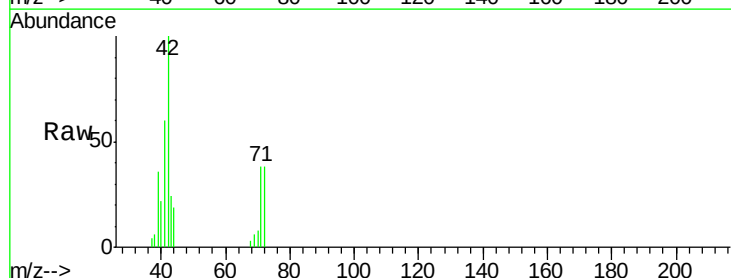
Tgt Ion: 42 Resp: 18037

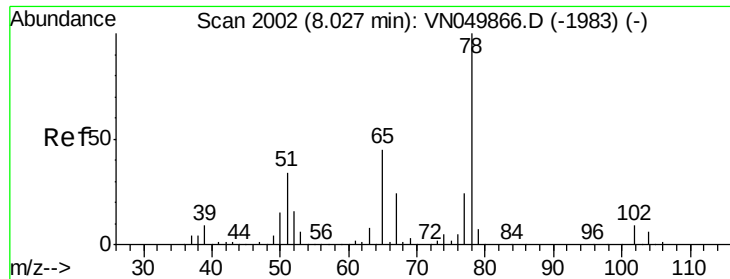
Ion Ratio Lower Upper

42 100

72 40.4 35.6 53.4

71 41.8 34.0 51.0

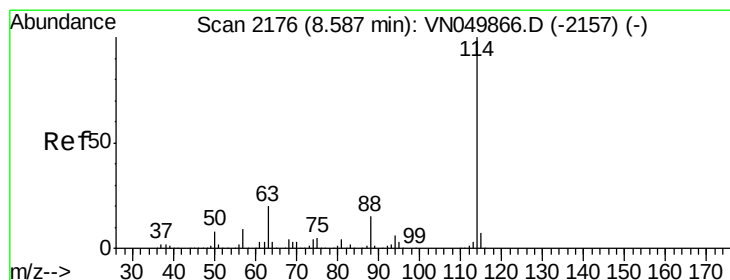
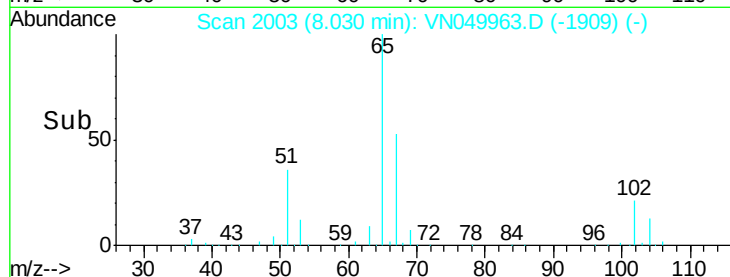
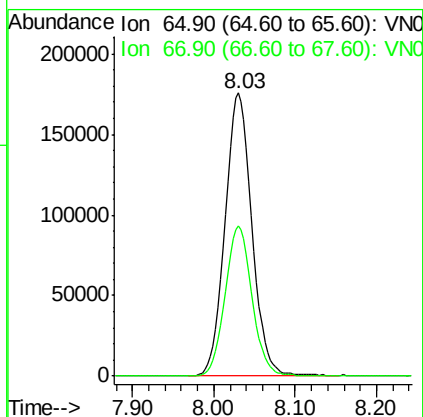
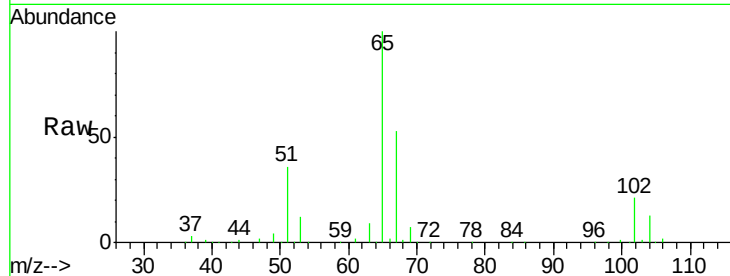




#33
 1,2-Dichloroethane-d4
 Concen: 53.41 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049963.D
 Acq: 20 Jul 2018 15:29

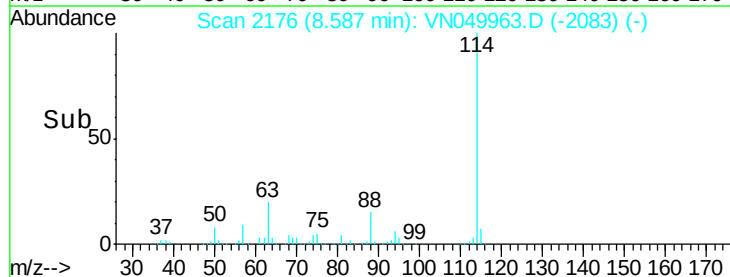
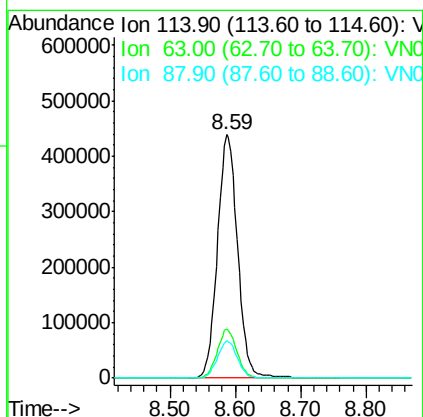
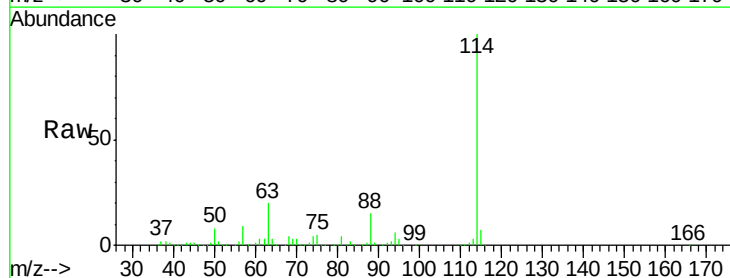
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#03

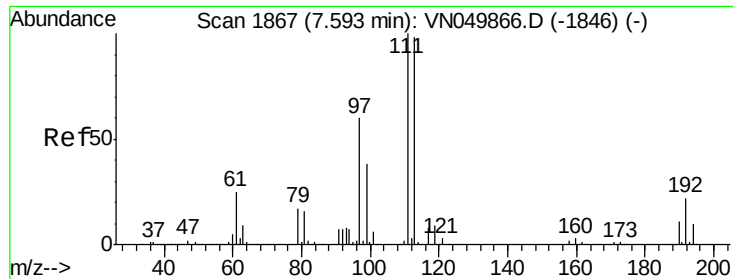
Tot Ion: 65 Resp: 409074
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049963.D
 Acq: 20 Jul 2018 15:29

Tgt Ion: 114 Resp: 940120
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.3 0.0 30.6

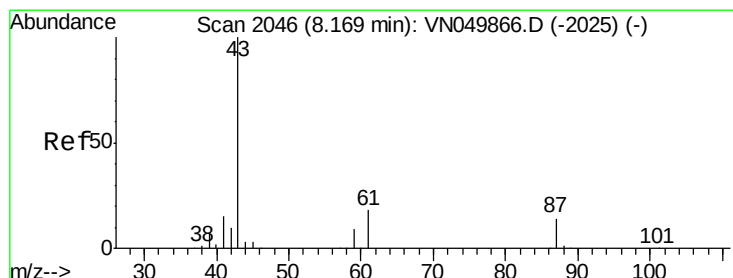
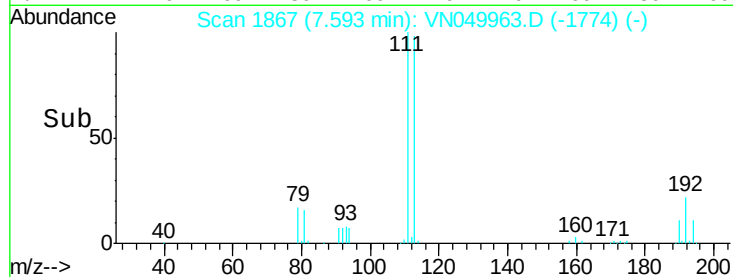
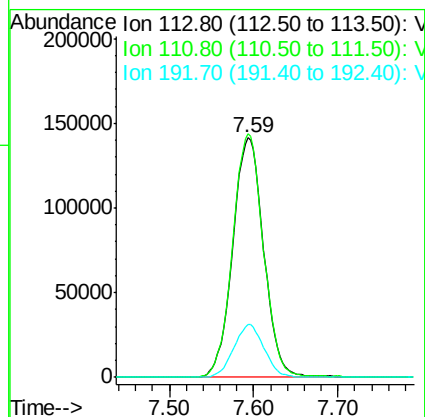
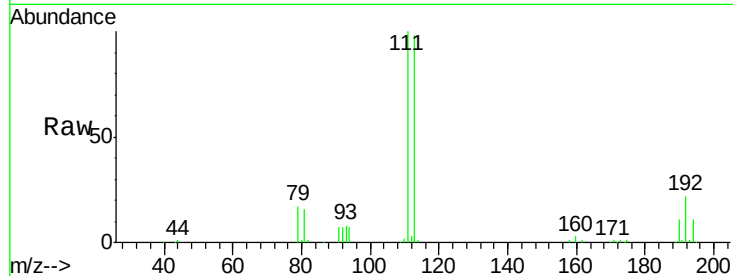




#35
 Dibromofluoromethane
 Concen: 45.79 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049963.D
 Acq: 20 Jul 2018 15:29

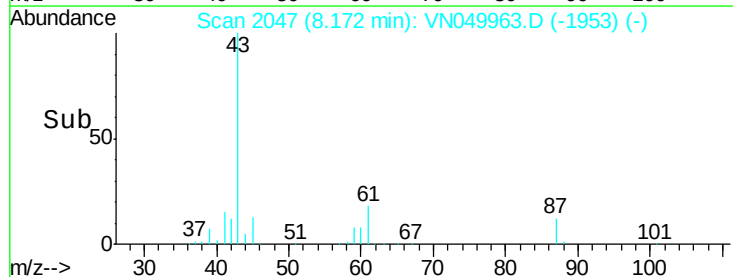
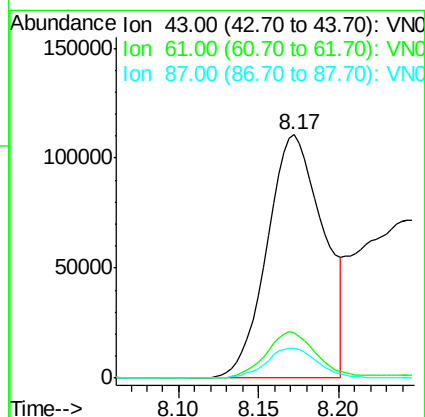
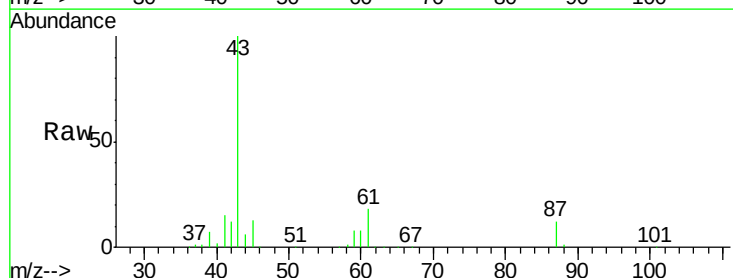
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#03

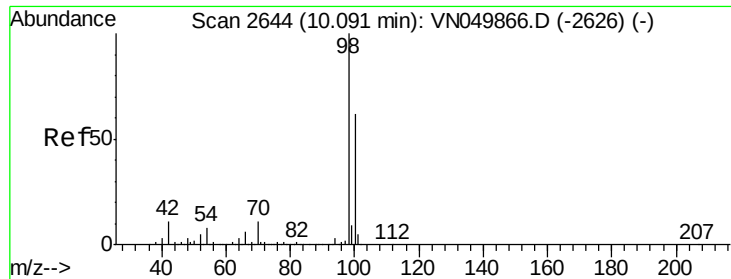
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.8	122.8
192	21.7	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 21.56 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049963.D
 Acq: 20 Jul 2018 15:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.9	22.3
87	11.3	10.0	15.0

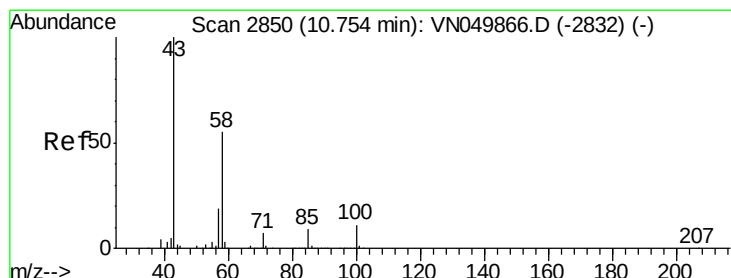
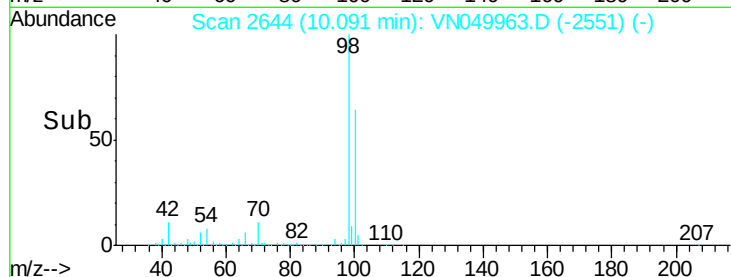
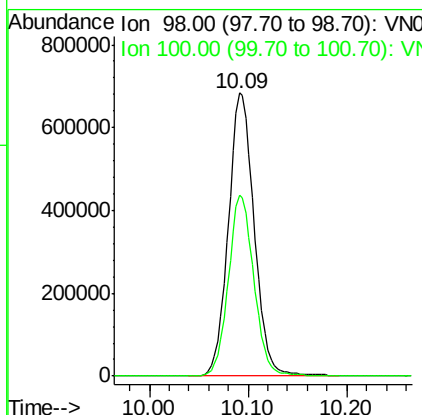
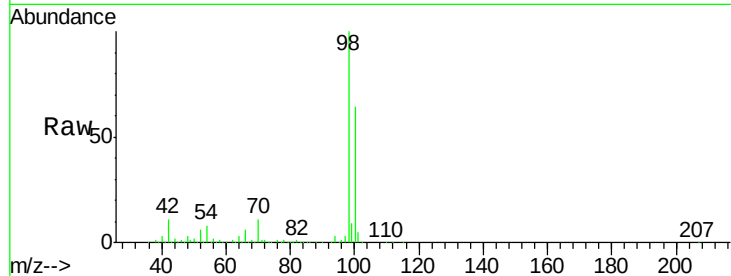




#50
Toluene-d8
Concen: 43.62 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049963.D
Acq: 20 Jul 2018 15:29

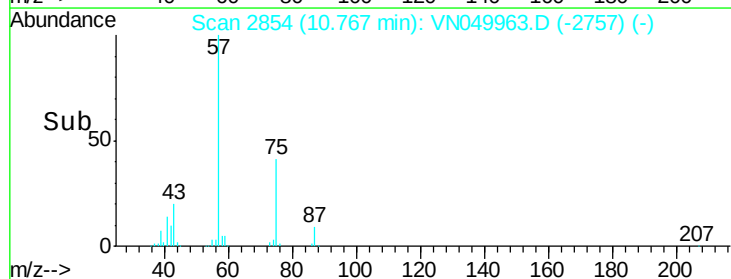
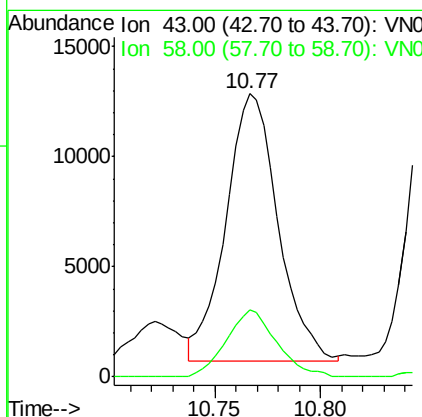
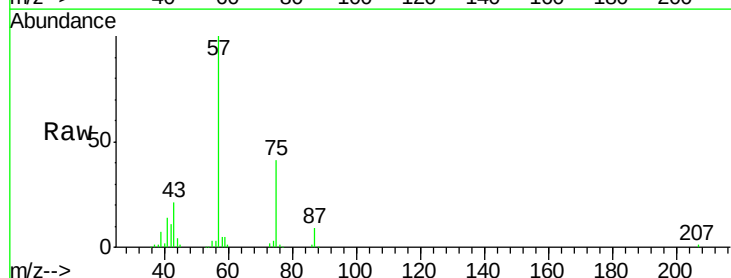
Instrument :
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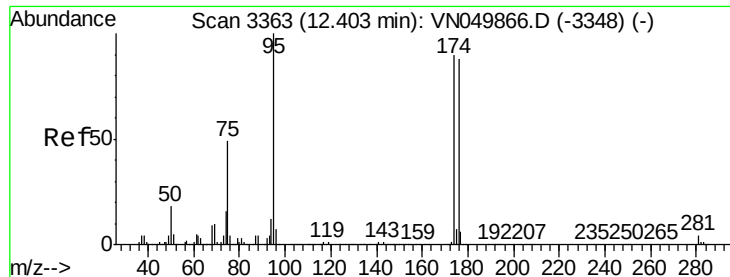
Tot Ion: 98 Resp: 1254222
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#59
2-Hexanone
Concen: 4.40 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049963.D
Acq: 20 Jul 2018 15:29

Tgt Ion: 43 Resp: 20733
Ion Ratio Lower Upper
43 100
58 24.5 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049963.D

Acq: 20 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#03

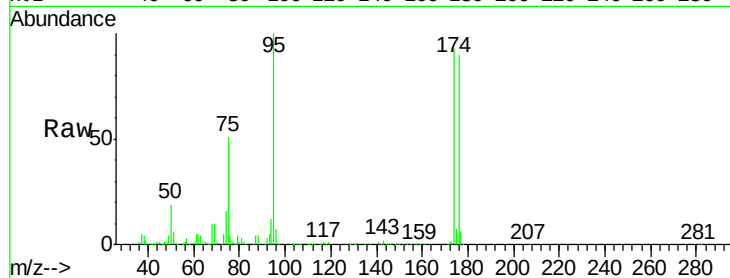
Tot Ion: 95 Resp: 348879

Ion Ratio Lower Upper

95 100

174 91.9 0.0 179.6

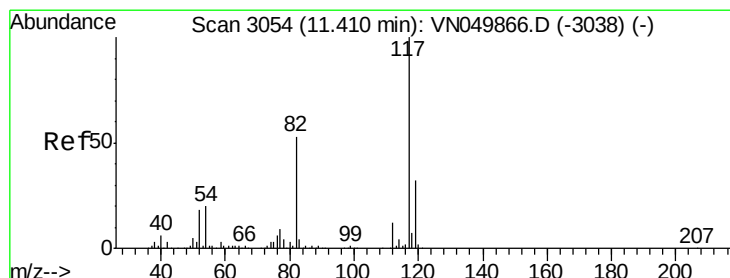
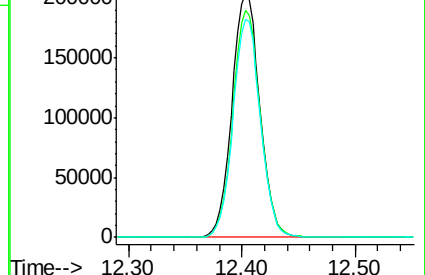
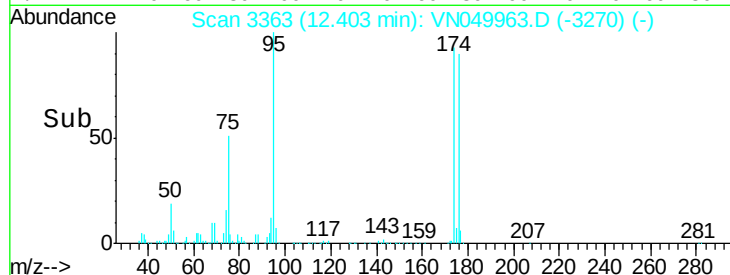
176 88.0 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049963.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049963.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049963.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049963.D

Acq: 20 Jul 2018 15:29

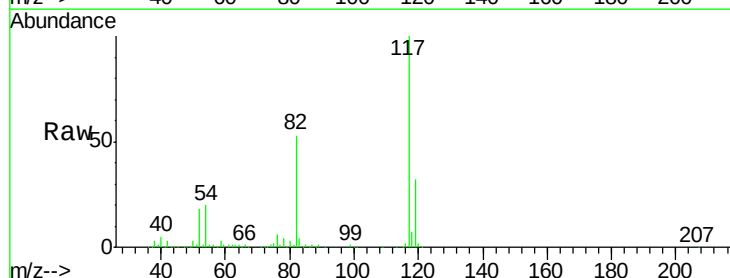
Tgt Ion: 117 Resp: 795475

Ion Ratio Lower Upper

117 100

82 53.0 41.9 62.9

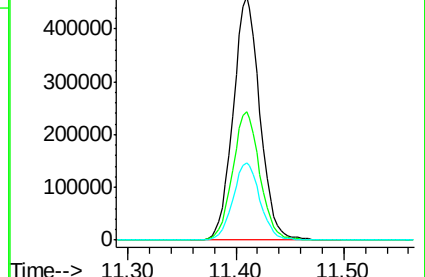
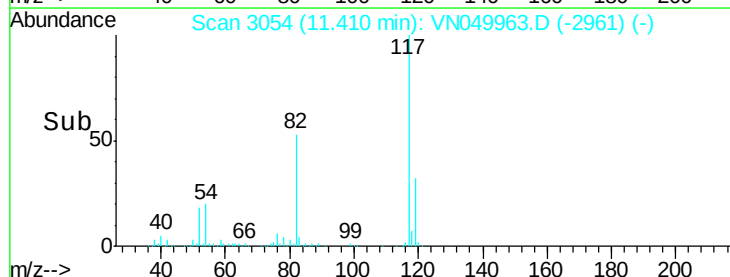
119 31.9 25.4 38.2

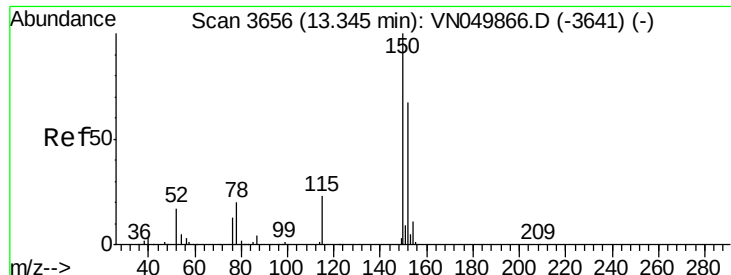


Abundance Ion 116.90 (116.60 to 117.60): VN049963.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049963.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049963.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049963.D

Acq: 20 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#03

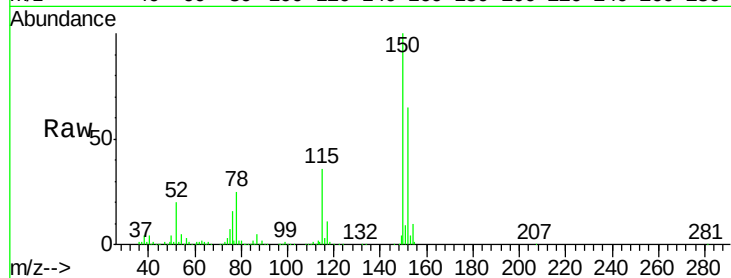
Tot Ion:152 Resp: 293445

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 155.2 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

