

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049569.D
 Acq On : 27 Jun 2018 13:57
 Operator : MD\SY
 Sample : J3667-02 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-PAINT-CHIP

Quant Time: Jun 28 01:39:05 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	7.66	168	1228814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1994512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1631196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	712230	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	817269	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	381632	23.65	ug/l	0.00
Spiked Amount			Recovery	=	47.30%	
50) Toluene-d8	10.09	98	2649505	43.12	ug/l	0.00
Spiked Amount			Recovery	=	86.24%	
62) 4-Bromofluorobenzene	12.40	95	813089	40.02	ug/l	0.00
Spiked Amount			Recovery	=	80.04%	

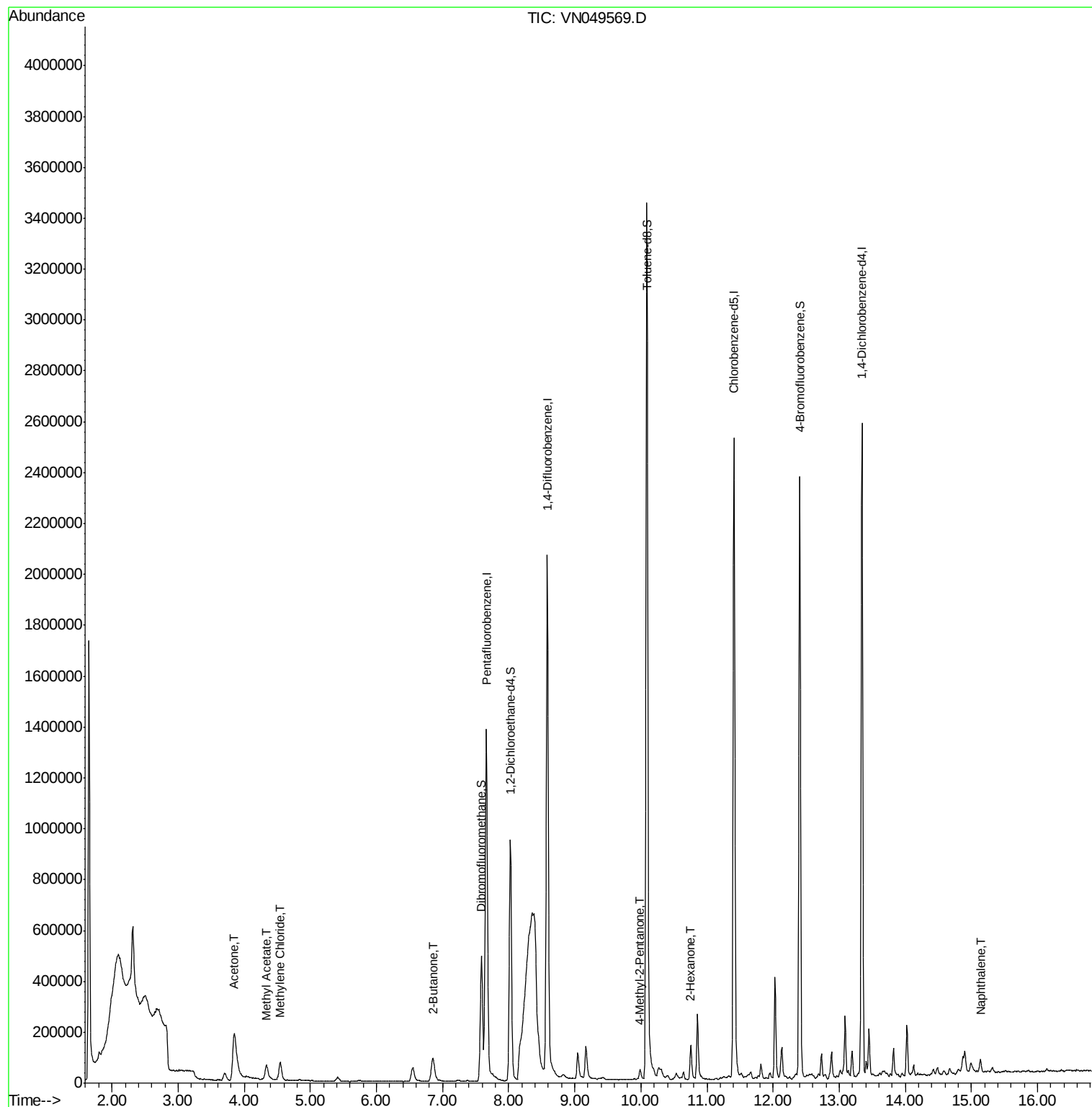
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.85	43	562389	142.12	ug/l	94
18) Methyl Acetate	4.34	43	122188	10.13	ug/l	95
20) Methylene Chloride	4.55	84	52571	3.18	ug/l	91
25) 2-Butanone	6.86	43	174174	32.78	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	27212	2.19	ug/l	96
59) 2-Hexanone	10.75	43	91348	11.39	ug/l	95
95) Naphthalene	15.14	128	42400	4.22	ug/l	99

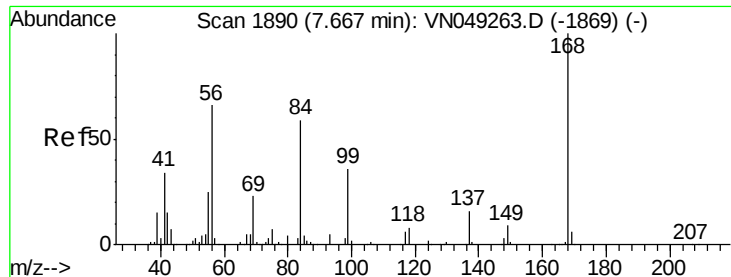
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049569.D

Acq: 27 Jun 2018 13:57

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MSVOA_N

ClientSampleId :

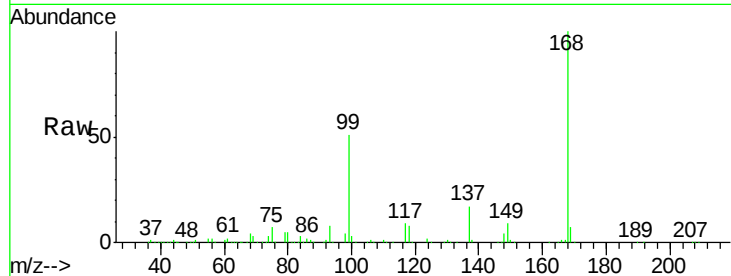
CS-PAINT-CHIP

Tot Ion:168 Resp: 1228814

Ion Ratio Lower Upper

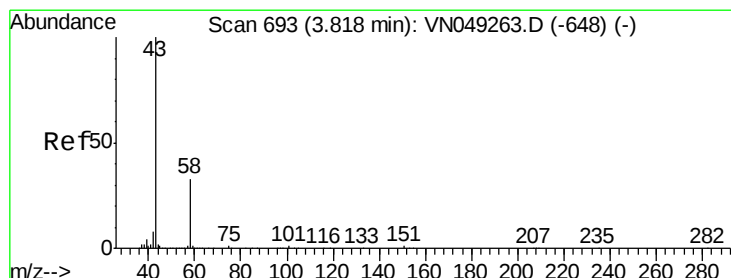
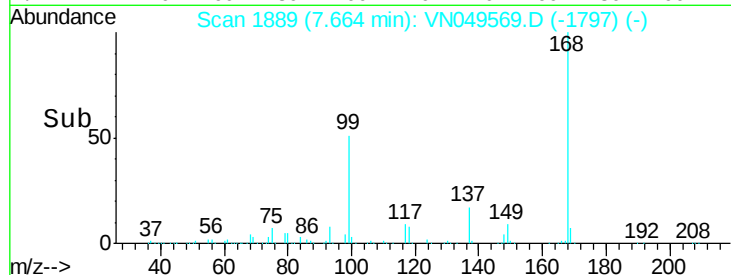
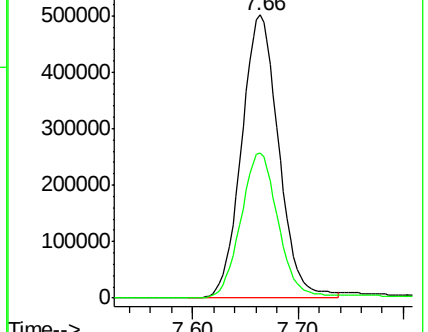
168 100

99 51.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 142.12 ug/l

RT: 3.85 min Scan# 703

Delta R.T. 0.03 min

Lab File: VN049569.D

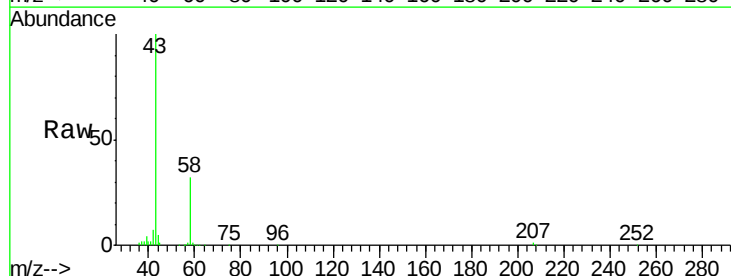
Acq: 27 Jun 2018 13:57

Tgt Ion: 43 Resp: 562389

Ion Ratio Lower Upper

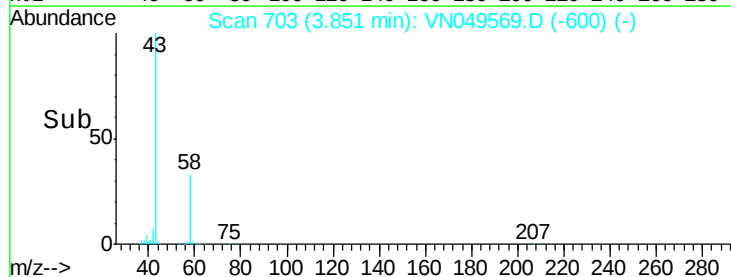
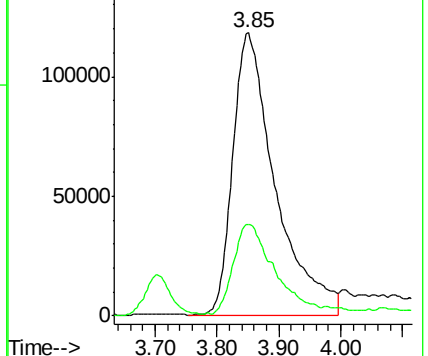
43 100

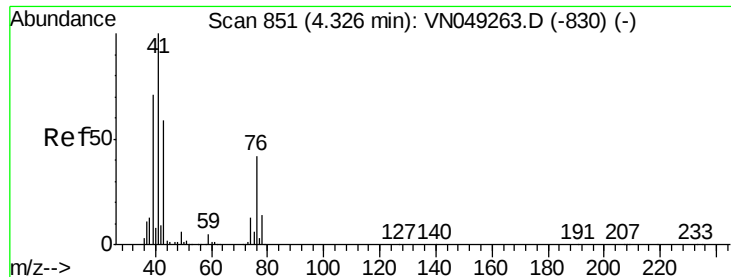
58 31.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

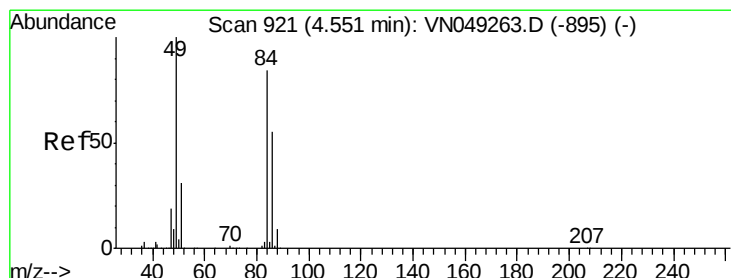
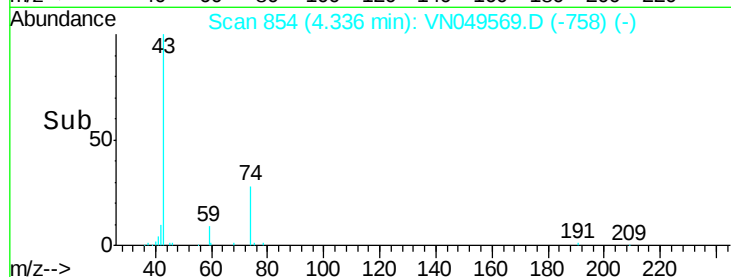
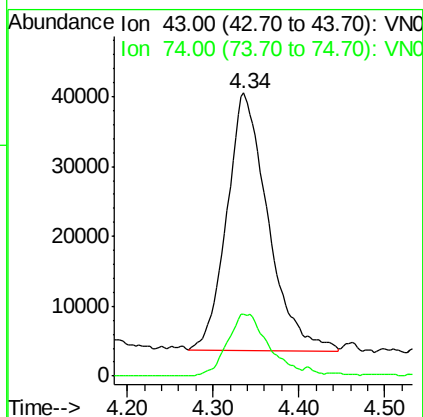
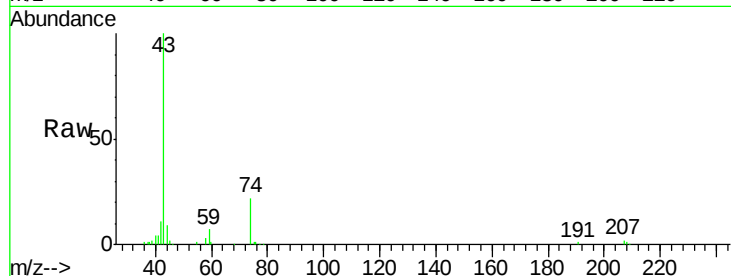




#18
Methvl Acetate
Concen: 10.13 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049569.D
Acq: 27 Jun 2018 13:57

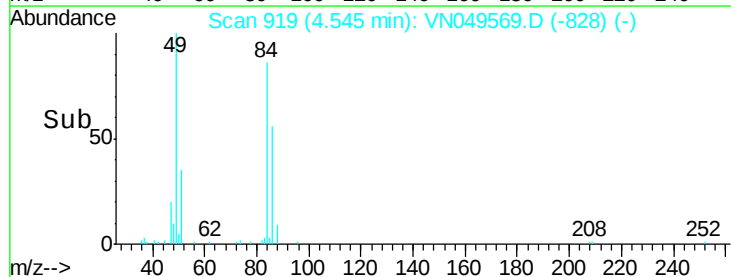
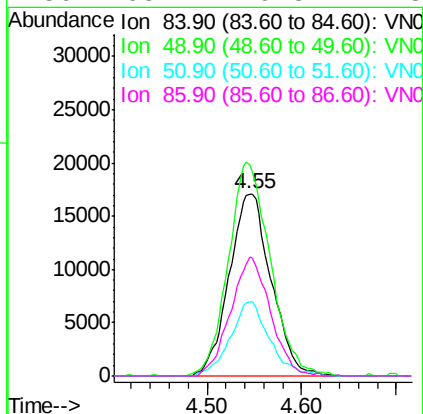
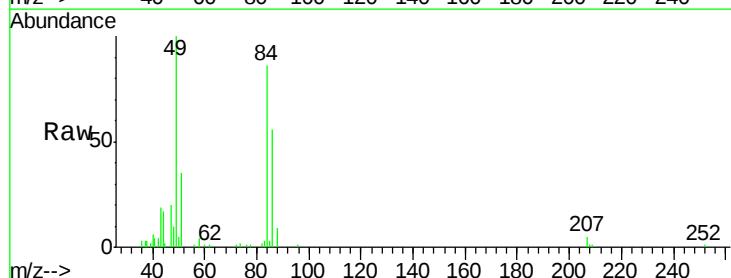
Instrument :
MSVOA_N
ClientSampleId :
CS-PAINT-CHIP

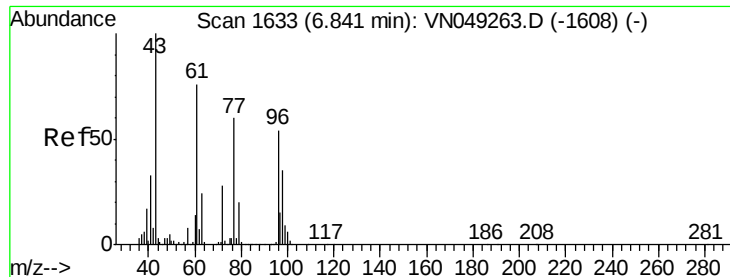
Tot Ion: 43 Resp: 122188
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0



#20
Methylene Chloride
Concen: 3.18 ug/l
RT: 4.55 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049569.D
Acq: 27 Jun 2018 13:57

Tgt Ion: 84 Resp: 52571
Ion Ratio Lower Upper
84 100
49 115.9 106.9 160.3
51 41.1 32.7 49.1
86 65.2 49.8 74.8





#25

2-Butanone

Concen: 32.78 ug/l

RT: 6.86 min Scan# 1639

Delta R.T. 0.02 min

Lab File: VN049569.D

Acq: 27 Jun 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

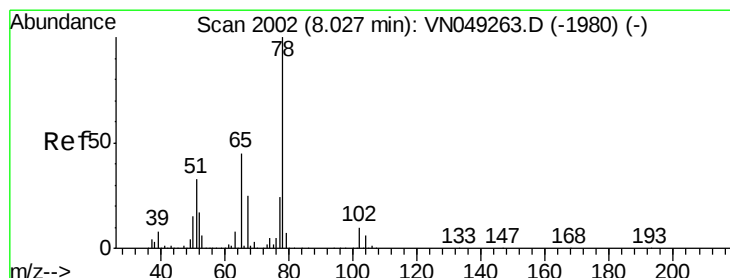
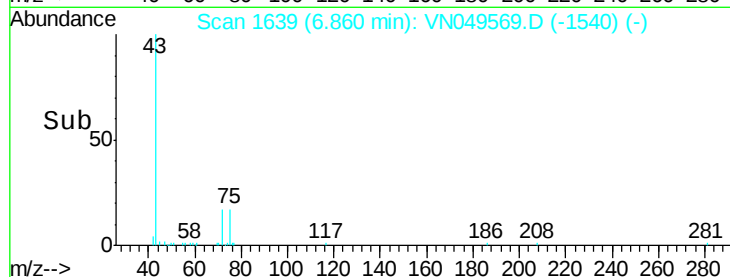
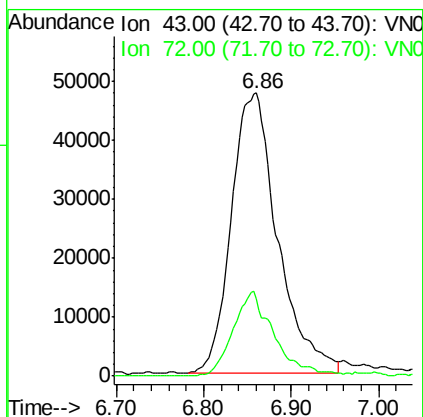
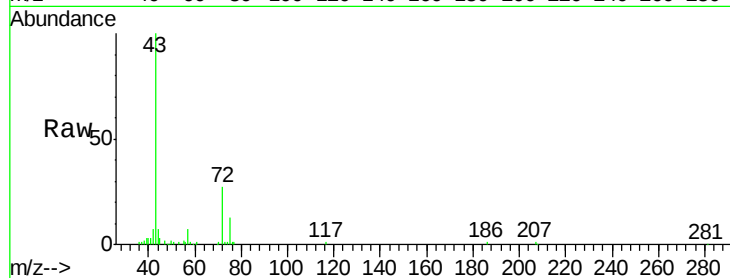
CS-PAINT-CHIP

Tot Ion: 43 Resp: 174174

Ion Ratio Lower Upper

43 100

72 27.4 20.2 30.2



#33

1,2-Dichloroethane-d4

Concen: 50.14 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049569.D

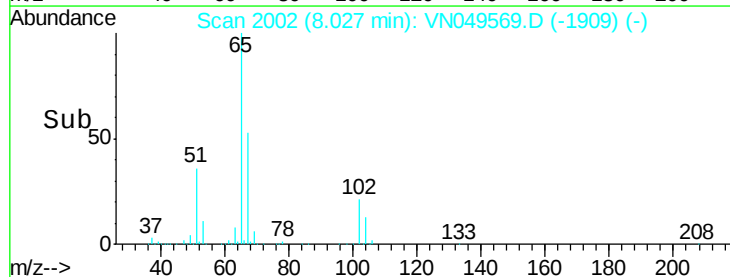
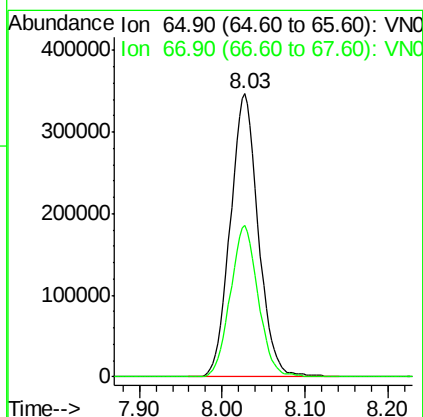
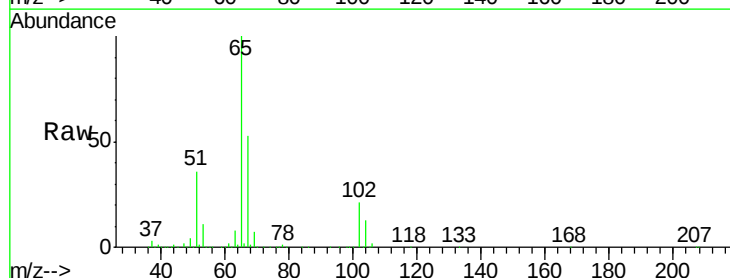
Acq: 27 Jun 2018 13:57

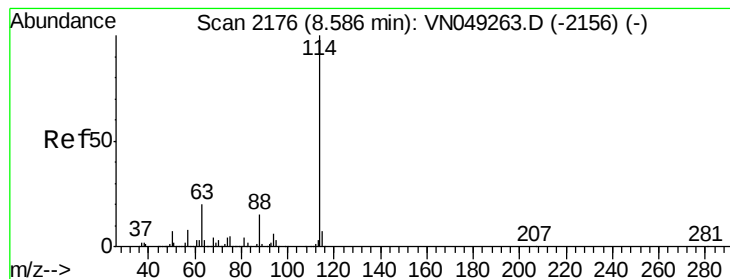
Tgt Ion: 65 Resp: 817269

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.58 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VN049569.D

Acq: 27 Jun 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

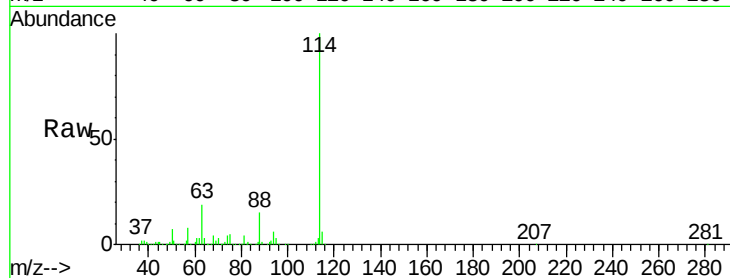
Tot Ion:114 Resp: 1994512

Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.4

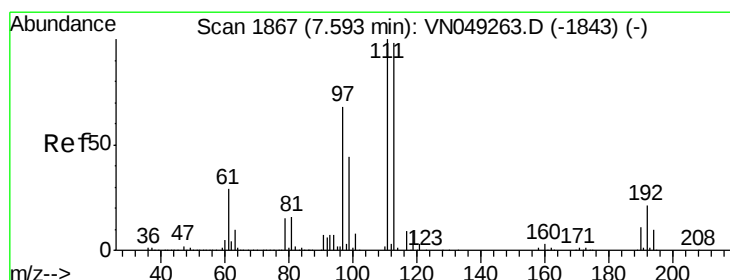
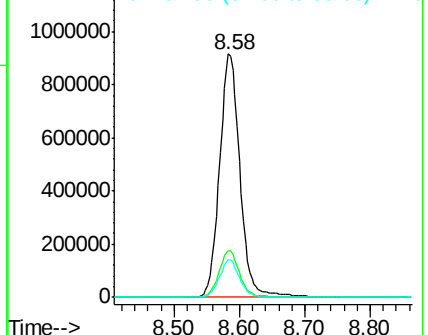
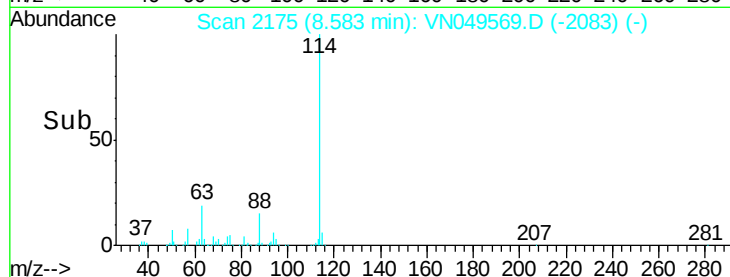
88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 23.65 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049569.D

Acq: 27 Jun 2018 13:57

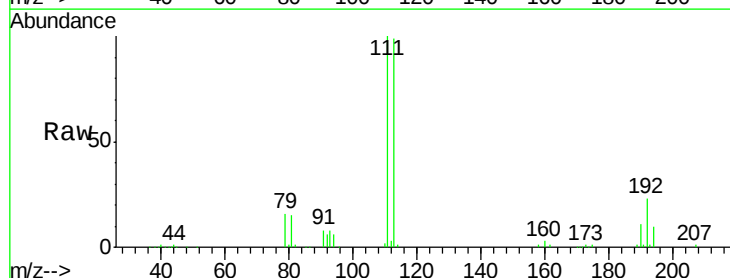
Tgt Ion:113 Resp: 381632

Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

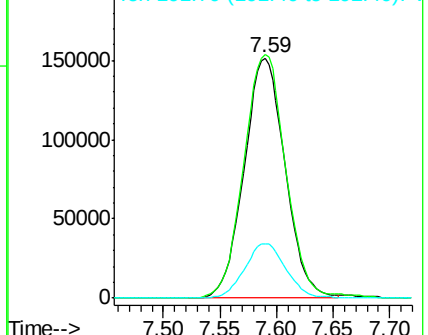
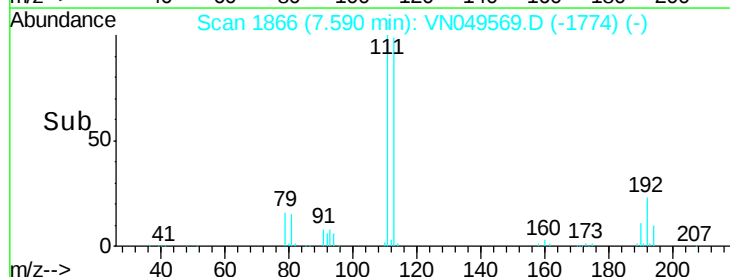
192 22.9 15.0 22.6#

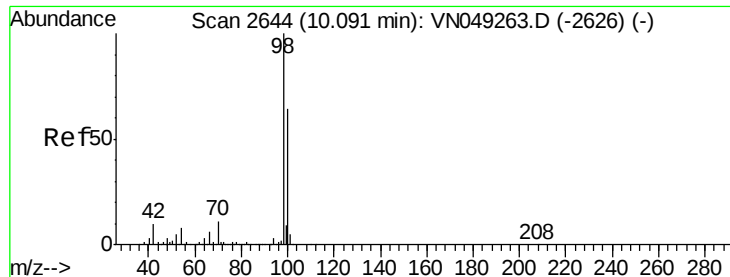


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.12 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049569.D

Acq: 27 Jun 2018 13:57

Instrument :

MSVOA_N

ClientSampled :

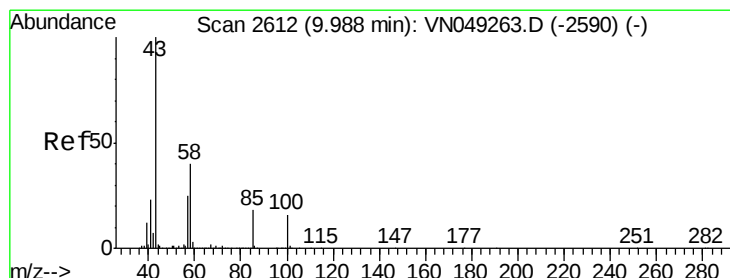
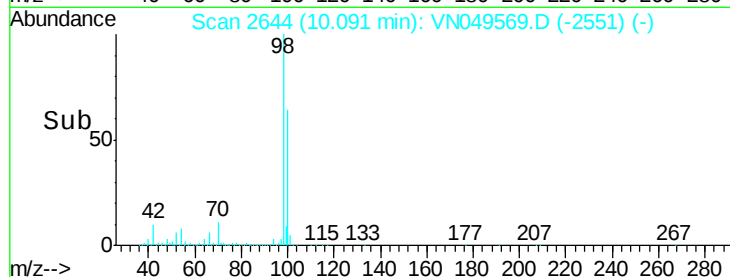
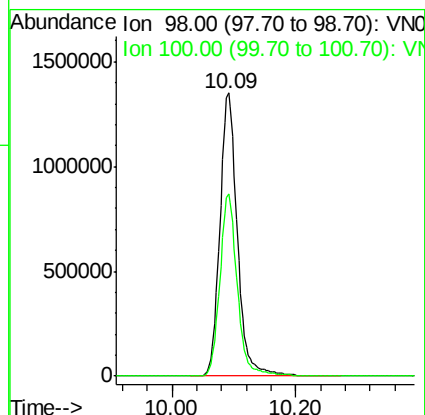
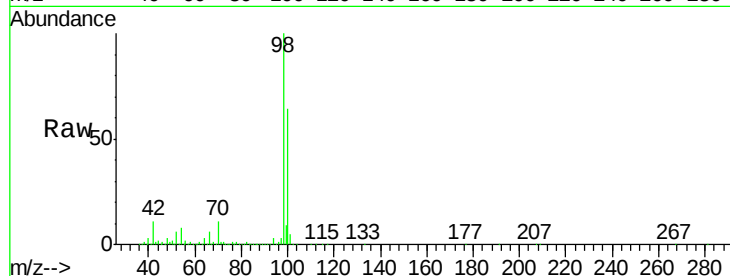
CS-PAINT-CHIP

Tot Ion: 98 Resp: 2649505

Ion Ratio Lower Upper

98 100

100 64.1 49.8 74.8



#51

4-Methyl-2-Pentanone

Concen: 2.19 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049569.D

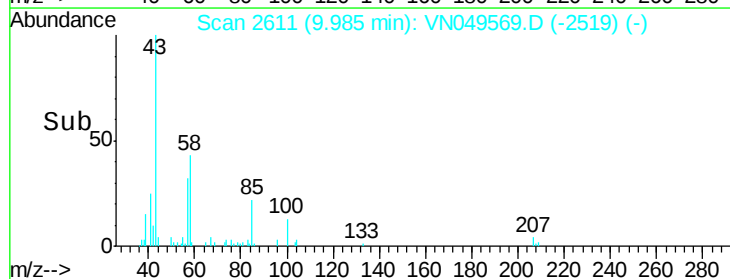
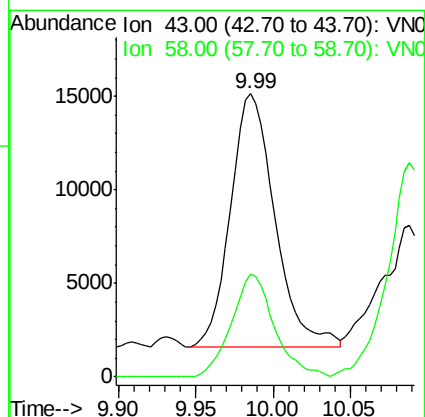
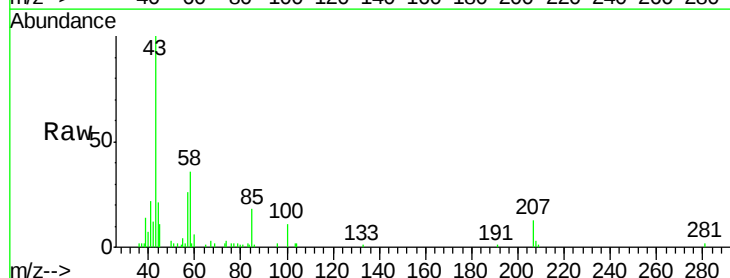
Acq: 27 Jun 2018 13:57

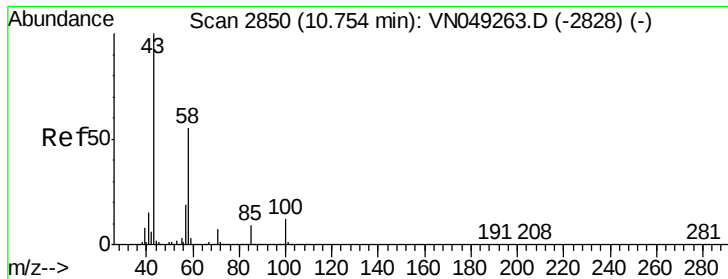
Tgt Ion: 43 Resp: 27212

Ion Ratio Lower Upper

43 100

58 38.8 29.0 43.6





#59

2-Hexanone

Concen: 11.39 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN049569.D

Acq: 27 Jun 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

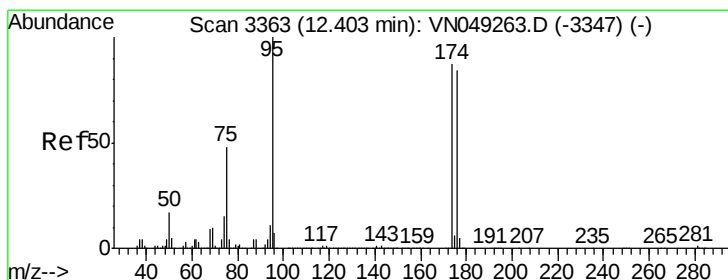
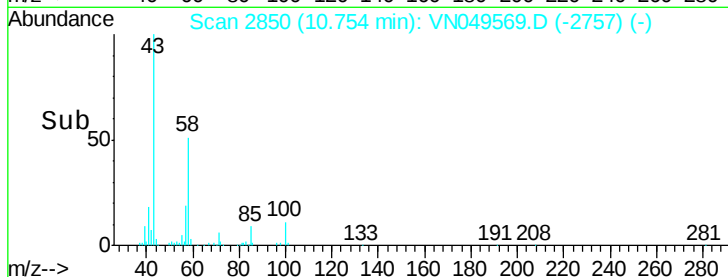
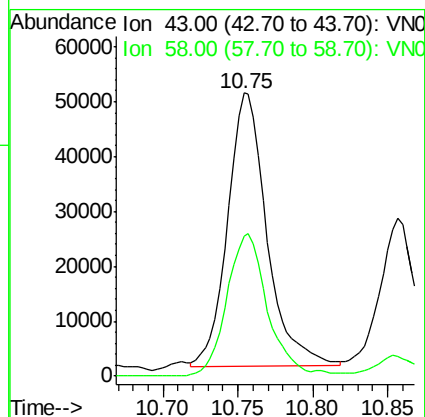
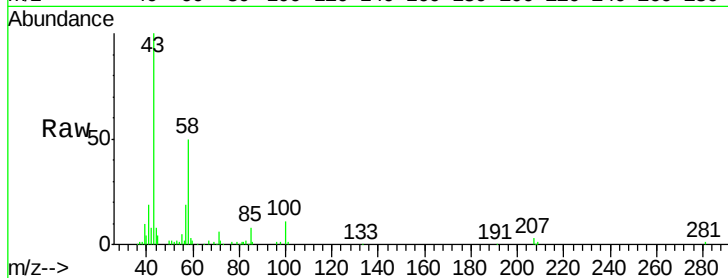
CS-PAINT-CHIP

Tot Ion: 43 Resp: 91348

Ion Ratio Lower Upper

43 100

58 53.8 25.2 75.6



#62

4-Bromofluorobenzene

Concen: 40.02 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049569.D

Acq: 27 Jun 2018 13:57

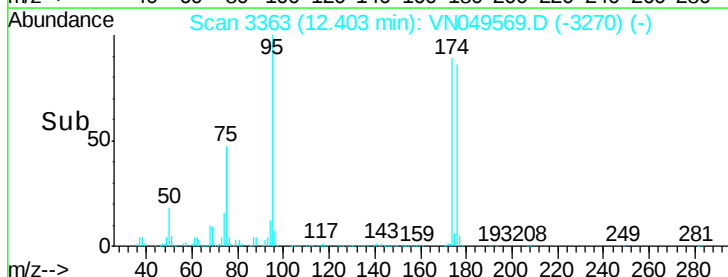
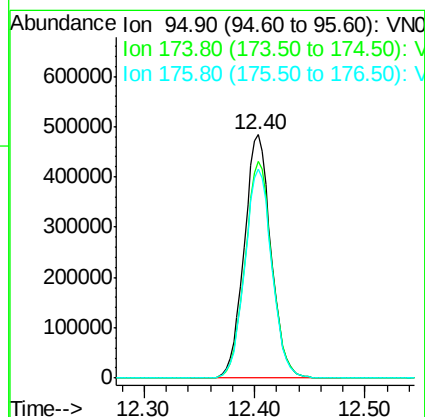
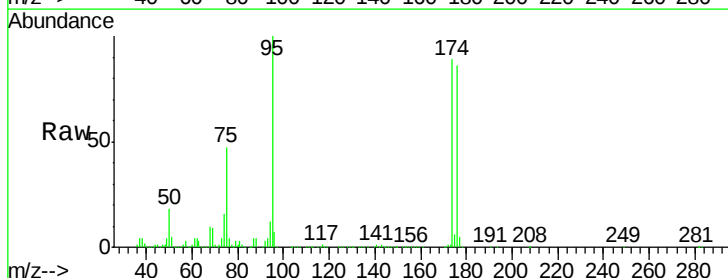
Tgt Ion: 95 Resp: 813089

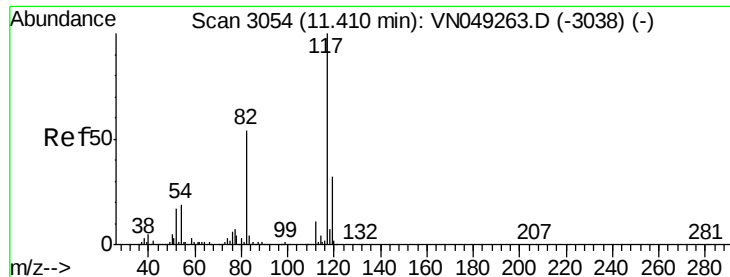
Ion Ratio Lower Upper

95 100

174 89.2 0.0 165.6

176 86.6 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049569.D

Acq: 27 Jun 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

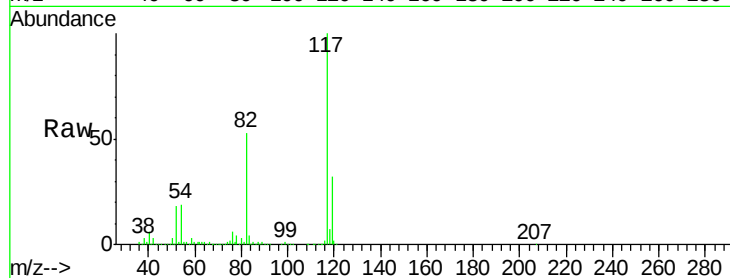
Tot Ion:117 Resp: 1631196

Ion Ratio Lower Upper

117 100

82 53.2 45.9 68.9

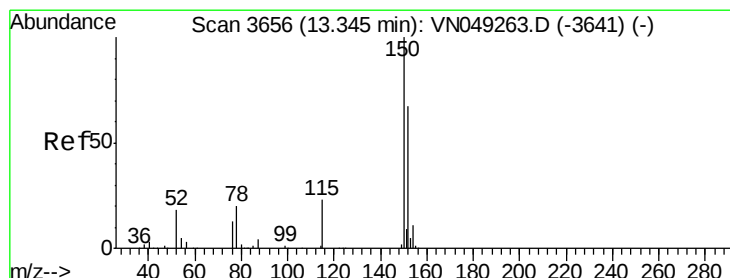
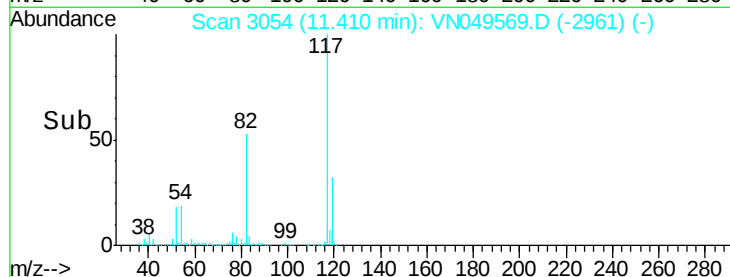
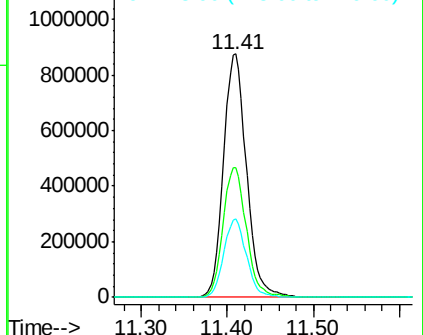
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049569.D

Acq: 27 Jun 2018 13:57

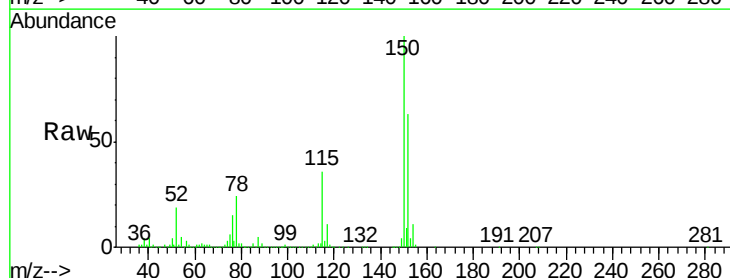
Tgt Ion:152 Resp: 712230

Ion Ratio Lower Upper

152 100

115 57.2 28.7 86.1

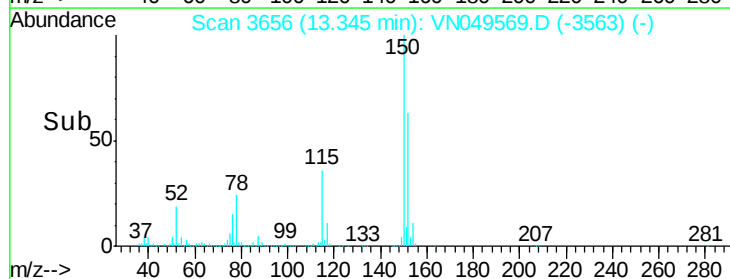
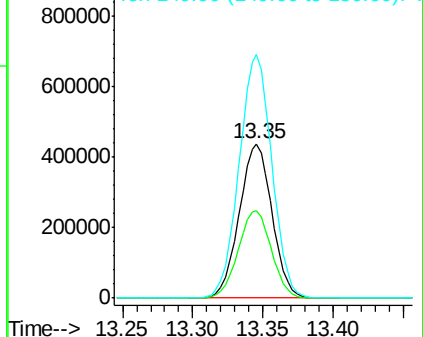
150 158.0 0.0 351.0

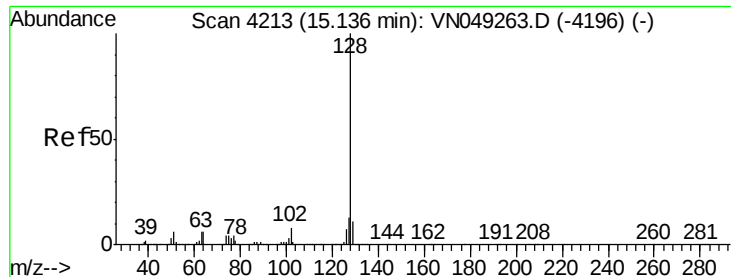


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.22 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049569.D

Acq: 27 Jun 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

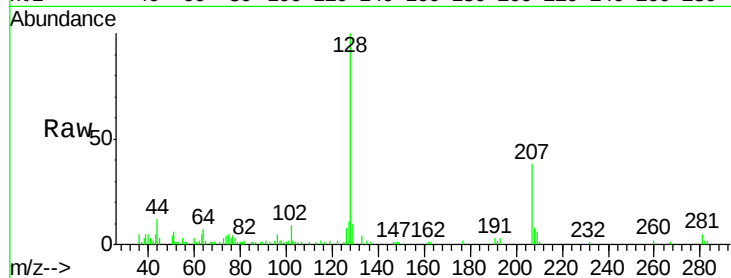
Tot Ion:128 Resp: 42400

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.5 12.7



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

