

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059344.D
 Acq On : 27 Jun 2018 17:37
 Operator : VA/AP
 Sample : J3667-01
 Misc : 5.07µ/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-PAINT-CHIP

Quant Time: Jun 27 18:36:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	37226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	64045	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	23776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	5289	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	43220	89.86	ug/l	0.00
Spiked Amount			Recovery	=	179.72%	
35) Dibromofluoromethane	4.28	113	28235	60.34	ug/l	0.00
Spiked Amount			Recovery	=	120.68%	
50) Toluene-d8	7.70	98	26833	23.16	ug/l	0.00
Spiked Amount			Recovery	=	46.32%	
62) 4-Bromofluorobenzene	11.50	95	6751	10.33	ug/l	0.00
Spiked Amount			Recovery	=	20.66%	

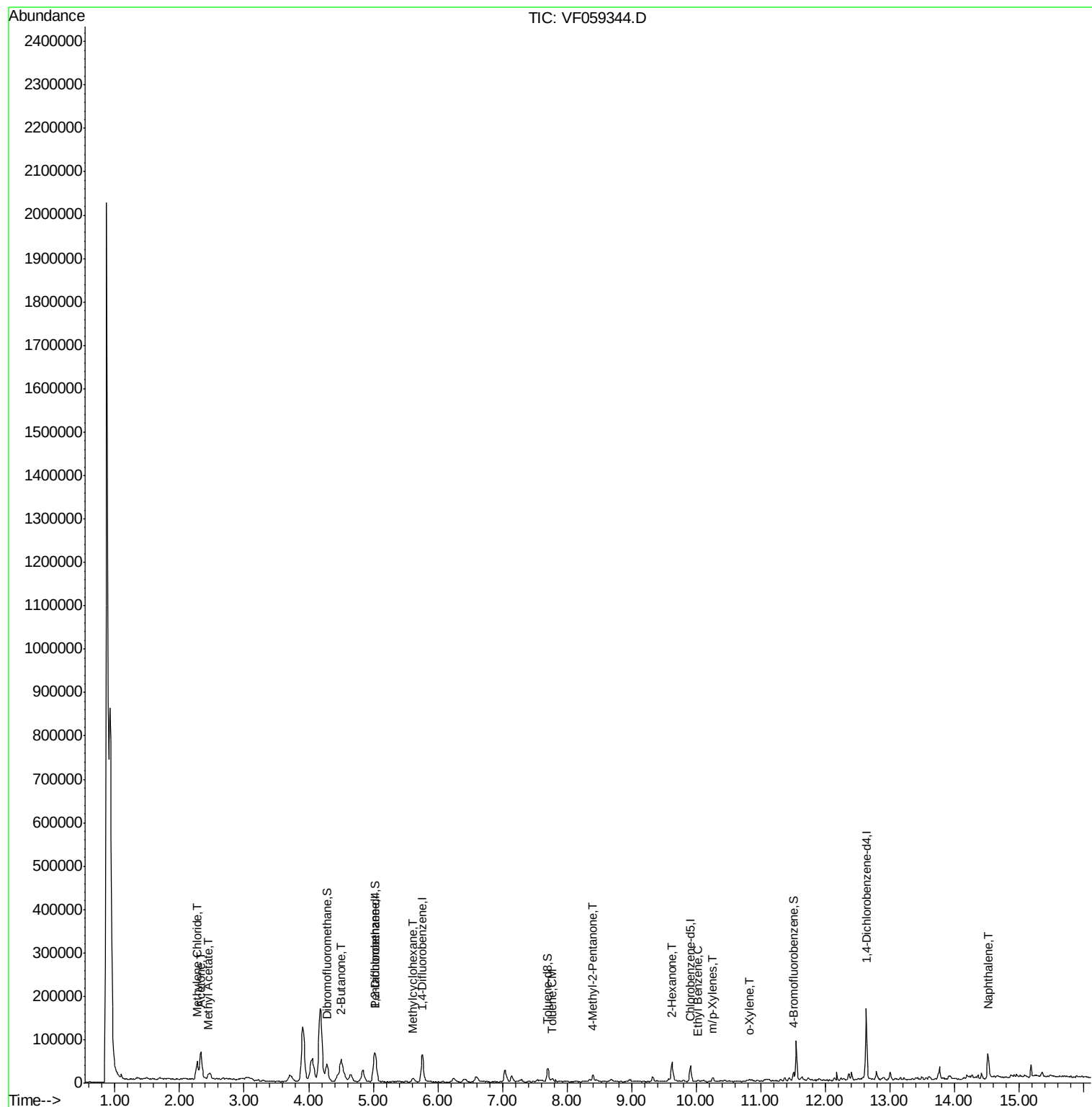
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	104091	892.81	ug/l	99
18) Methyl Acetate	2.44	43	19043	88.62	ug/l	93
20) Methylene Chloride	2.27	84	18215	70.57	ug/l #	81
25) 2-Butanone	4.50	43	79354	548.69	ug/l	93
39) Methylcyclohexane	5.62	83	4563	9.20	ug/l	96
51) 4-Methyl-2-Pentanone	8.40	43	15405	44.62	ug/l	96
52) Toluene	7.76	92	3170	3.42	ug/l #	65
59) 2-Hexanone	9.63	43	37372	136.41	ug/l	98
67) Ethyl Benzene	10.03	91	2869	3.84	ug/l	89
68) m/p-Xylenes	10.26	106	2939	11.05	ug/l	92
69) o-Xylene	10.83	106	1108	3.72	ug/l	78
95) Naphthalene	14.53	128	15065	62.75	ug/l	98

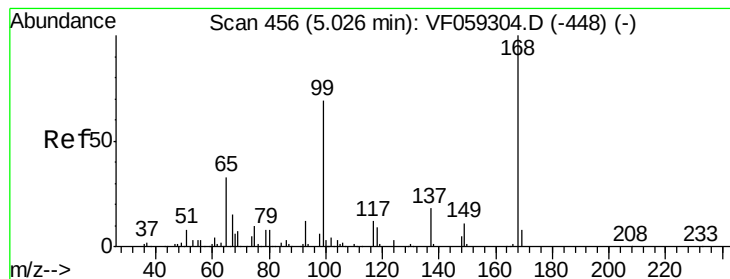
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062718\
Data File : VF059344.D
Acq On : 27 Jun 2018 17:37
Operator : VA/AP
Sample : J3667-01
Misc : 5.07g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CS-PAINT-CHIP

Quant Time: Jun 27 18:36:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059344.D

Acq: 27 Jun 2018 17:37

Instrument :

MSVOA_F

ClientSampleId :

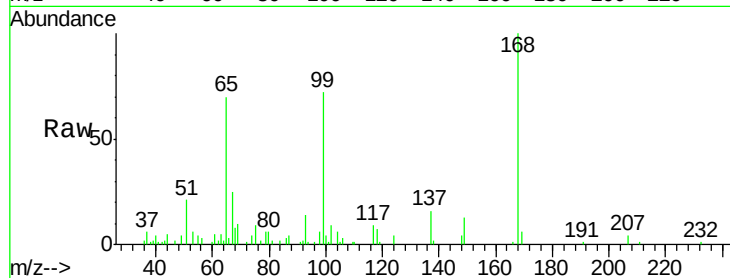
CS-PAINT-CHIP

Tot Ion:168 Resp: 37226

Ion Ratio Lower Upper

168 100

99 72.2 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

15000

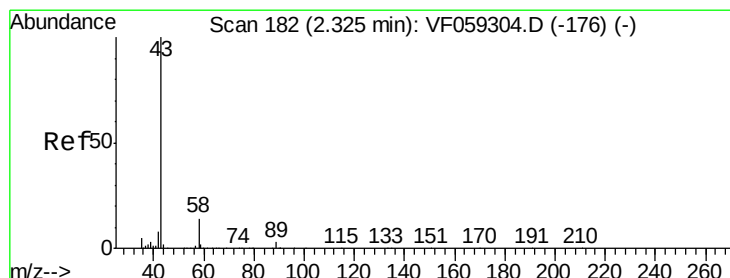
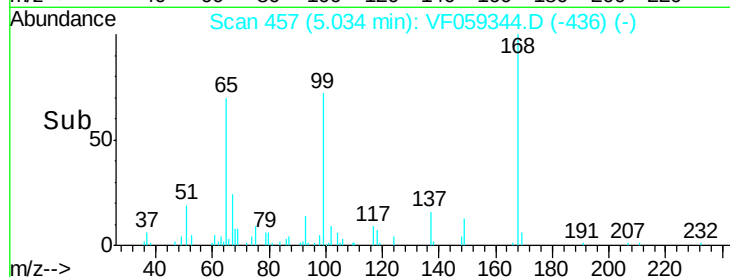
10000

5000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 892.81 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059344.D

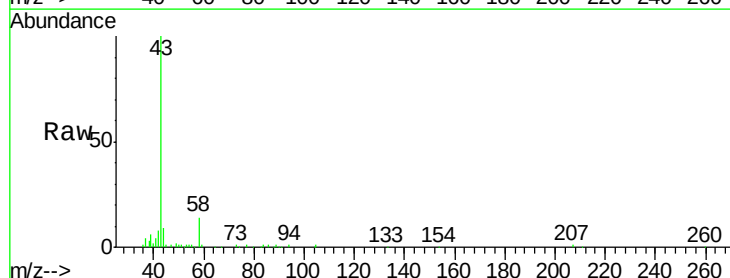
Acq: 27 Jun 2018 17:37

Tgt Ion: 43 Resp: 104091

Ion Ratio Lower Upper

43 100

58 13.9 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

50000

40000

30000

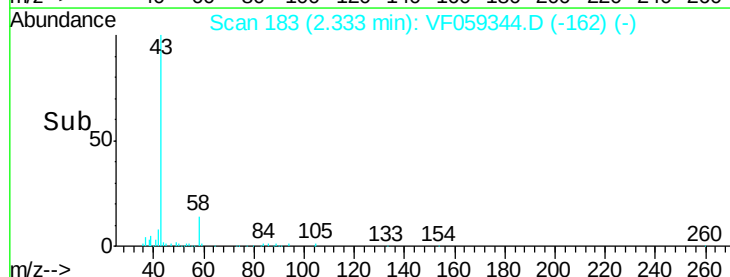
20000

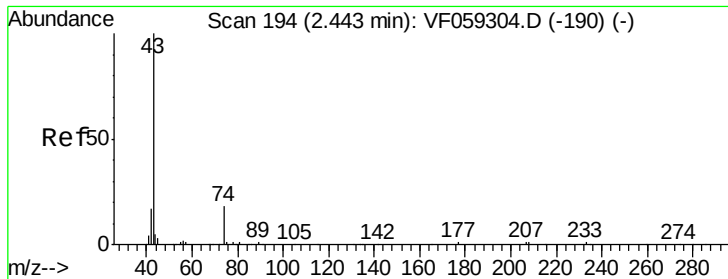
10000

0

Time-->

2.30 2.40

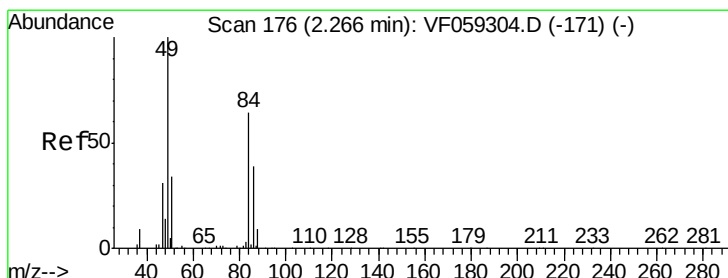
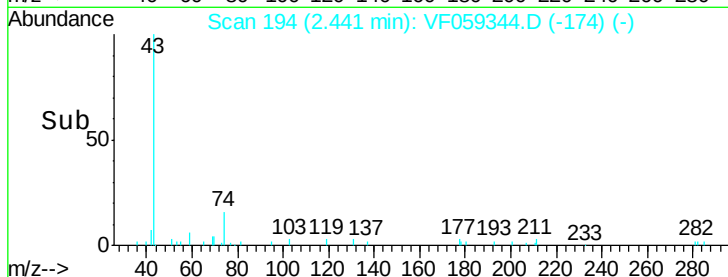
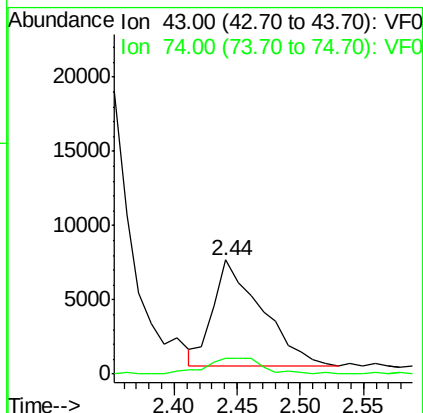
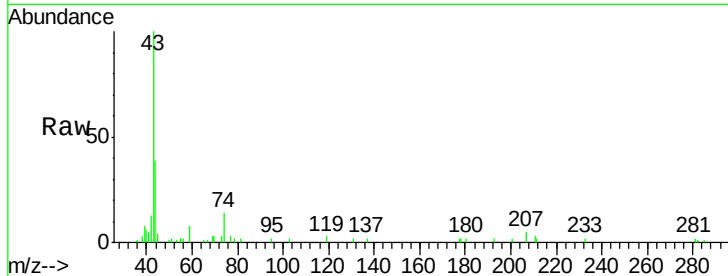




#18
Methvl Acetate
Concen: 88.62 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.00 min
Lab File: VF059344.D
Acq: 27 Jun 2018 17:37

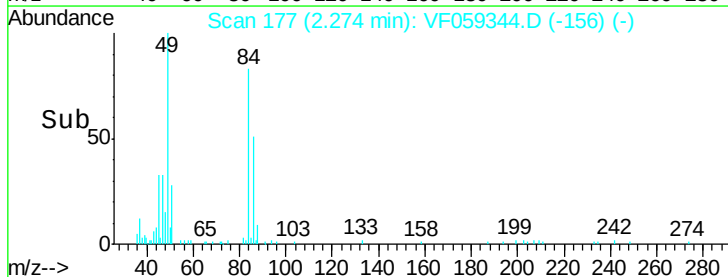
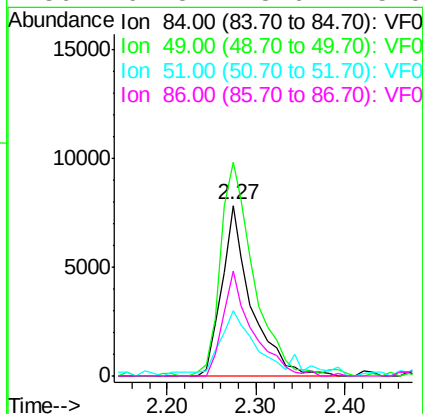
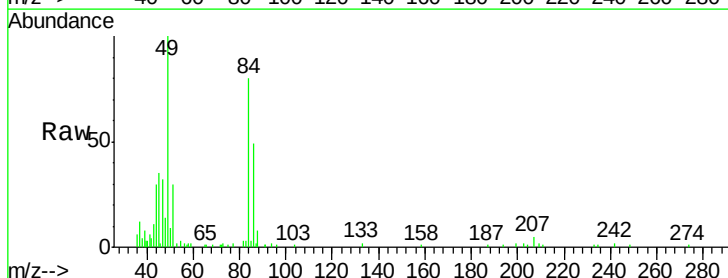
Instrument :
MSVOA_F
ClientSampleId :
CS-PAINT-CHIP

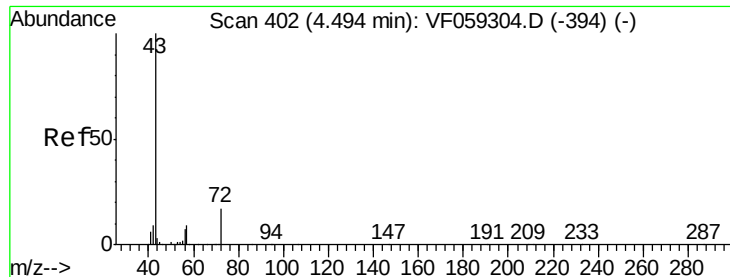
Tot Ion: 43 Resp: 19043
Ion Ratio Lower Upper
43 100
74 13.6 13.3 19.9



#20
Methylene Chloride
Concen: 70.57 ug/l
RT: 2.27 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059344.D
Acq: 27 Jun 2018 17:37

Tgt Ion: 84 Resp: 18215
Ion Ratio Lower Upper
84 100
49 125.0 126.5 189.7#
51 38.0 42.9 64.3#
86 61.8 48.6 73.0





#25

2-Butanone

Concen: 548.69 ug/l

RT: 4.50 min Scan# 403

Delta R.T. 0.01 min

Lab File: VF059344.D

Acq: 27 Jun 2018 17:37

Instrument :

MSVOA_F

ClientSampleId :

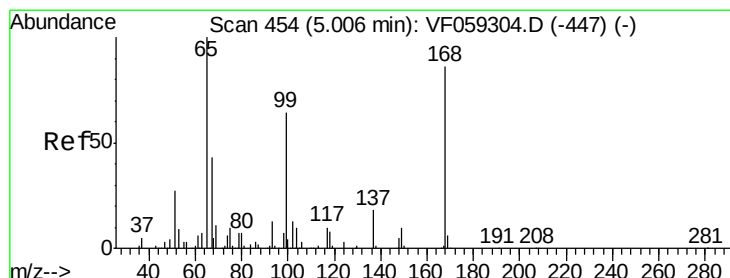
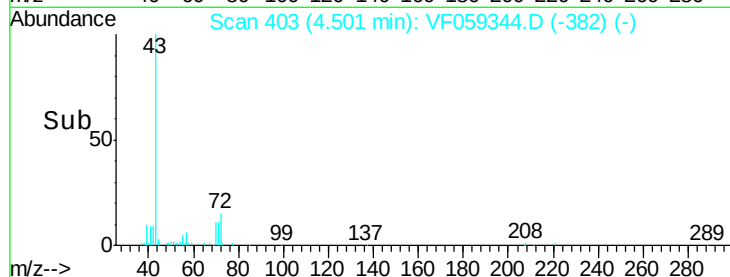
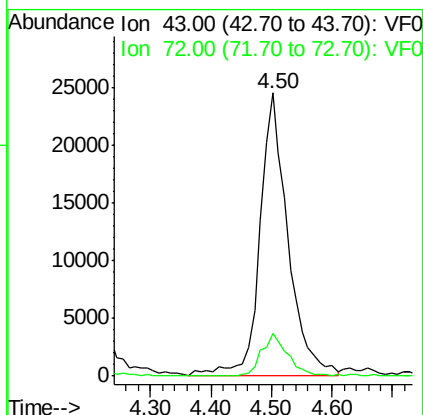
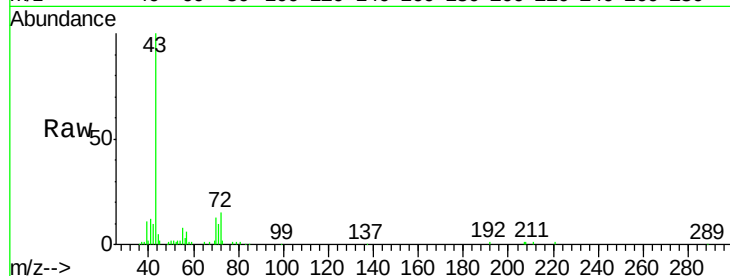
CS-PAINT-CHIP

Tot Ion: 43 Resp: 79354

Ion Ratio Lower Upper

43 100

72 15.0 14.4 21.6



#33

1,2-Dichloroethane-d4

Concen: 89.86 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059344.D

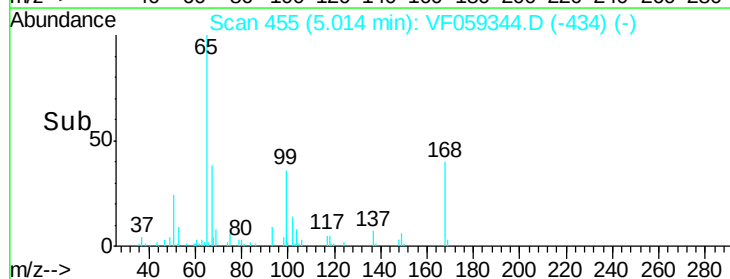
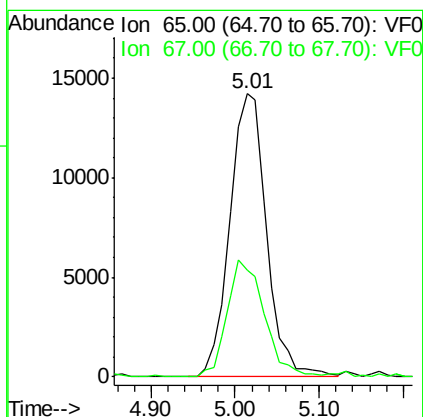
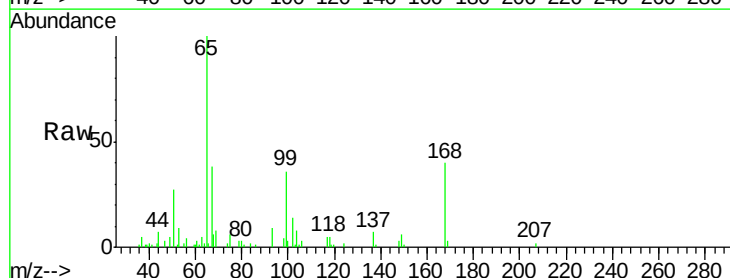
Acq: 27 Jun 2018 17:37

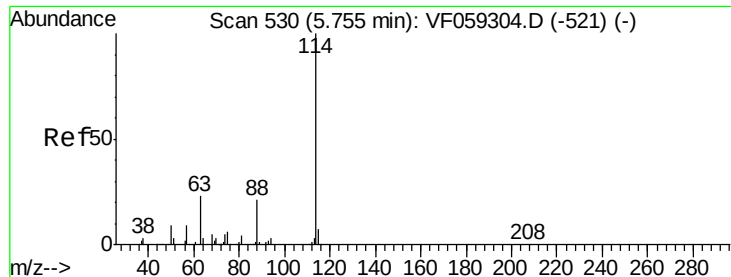
Tgt Ion: 65 Resp: 43220

Ion Ratio Lower Upper

65 100

67 37.9 0.0 96.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059344.D

Acq: 27 Jun 2018 17:37

Instrument :

MSVOA_F

ClientSampleId :

CS-PAINT-CHIP

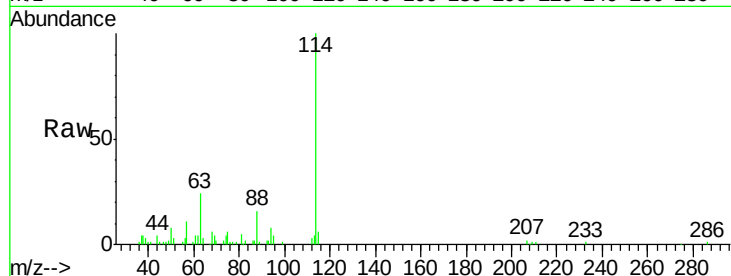
Tot Ion:114 Resp: 64045

Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.8

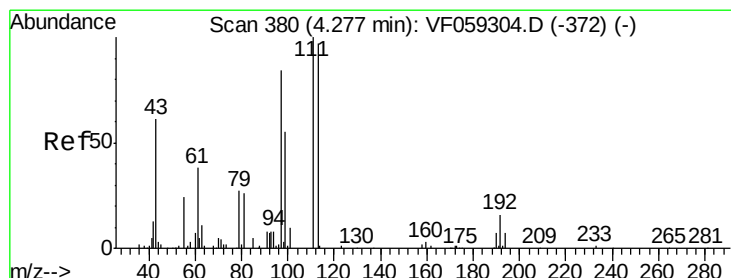
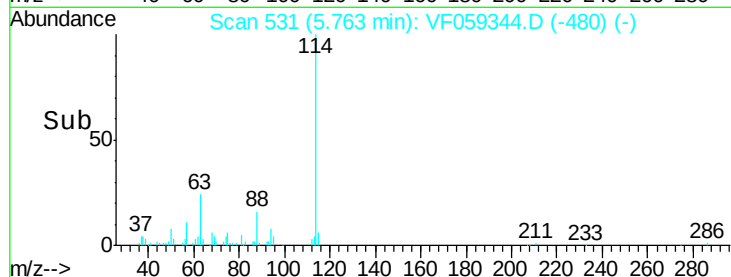
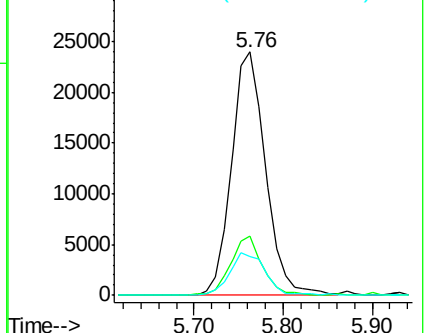
88 16.2 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 60.34 ug/l

RT: 4.28 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059344.D

Acq: 27 Jun 2018 17:37

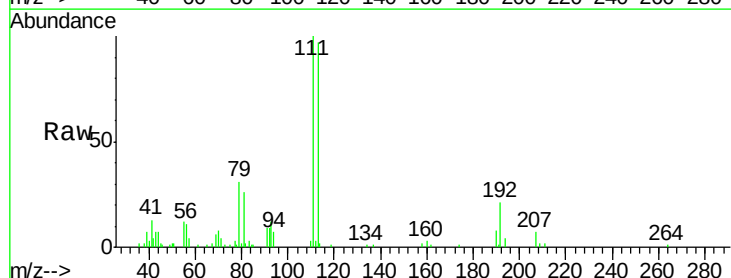
Tgt Ion:113 Resp: 28235

Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

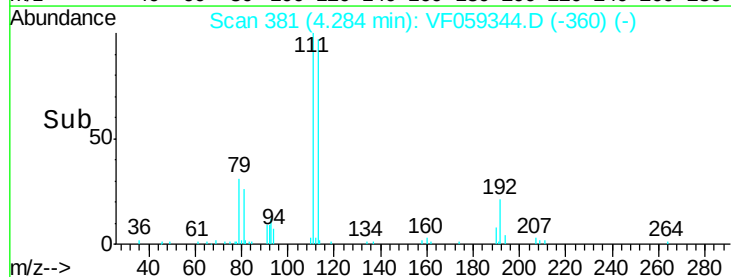
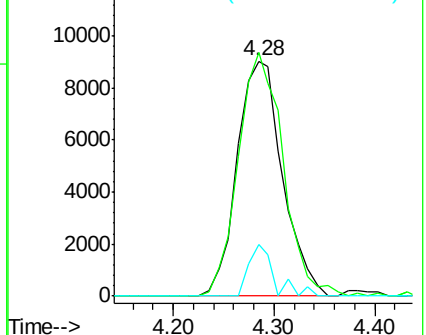
192 22.0 13.0 19.6#

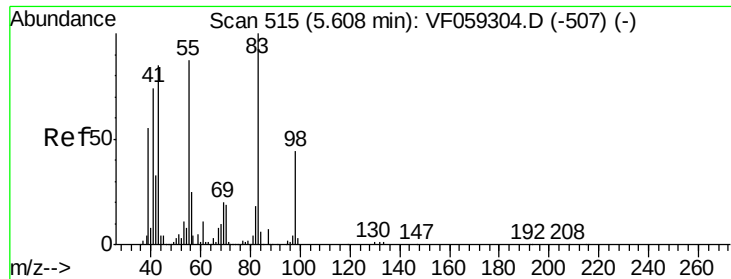


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

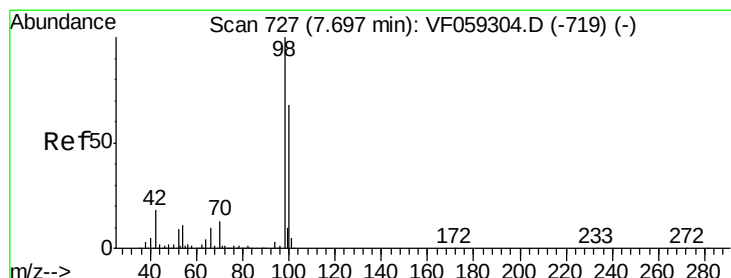
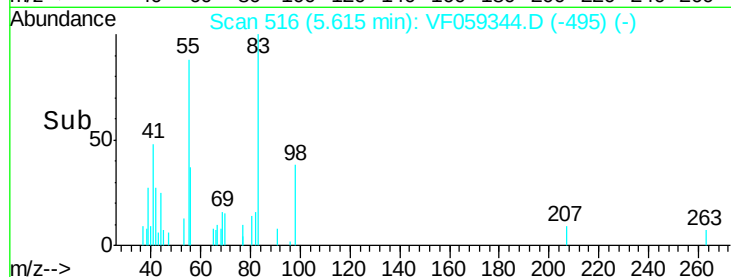
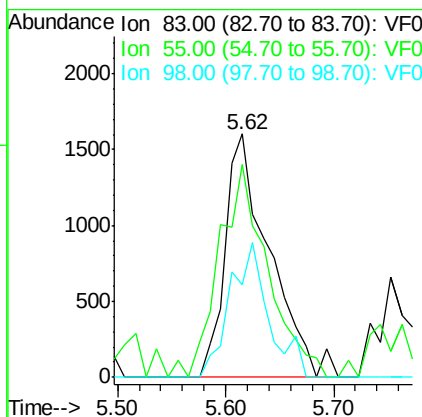
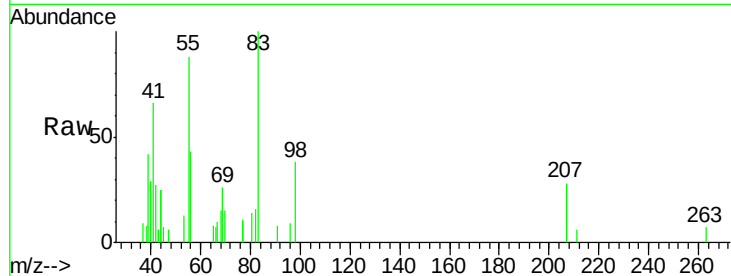




#39
Methylcyclohexane
Concen: 9.20 ug/l
RT: 5.62 min Scan# 516
Delta R.T. 0.01 min
Lab File: VF059344.D
Acq: 27 Jun 2018 17:37

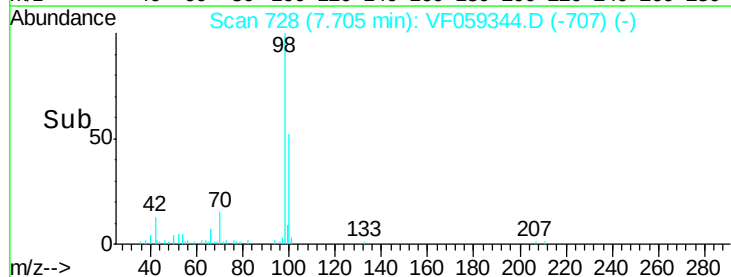
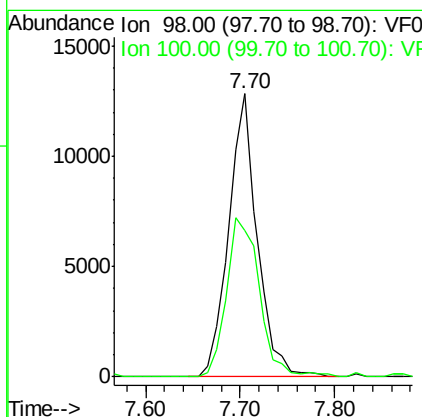
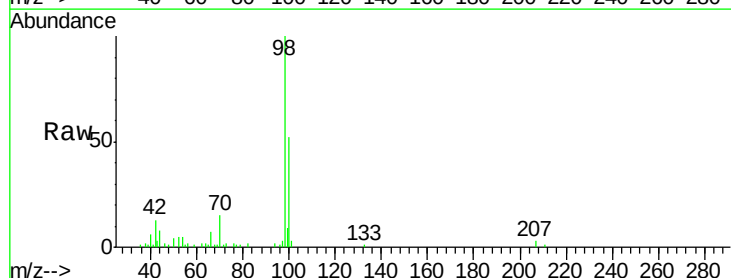
Instrument :
MSVOA_F
ClientSampleId :
CS-PAINT-CHIP

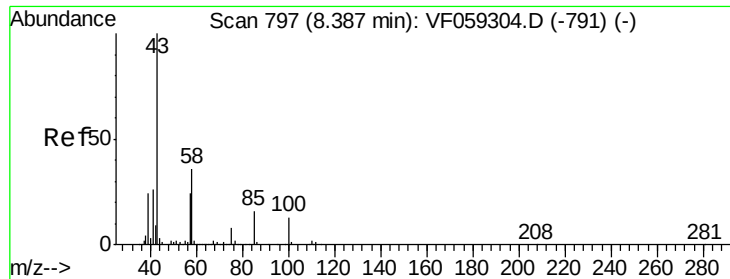
Tot Ion: 83 Resp: 4563
Ion Ratio Lower Upper
83 100
55 87.6 69.2 103.8
98 38.0 35.0 52.6



#50
Toluene-d8
Concen: 23.16 ug/l
RT: 7.70 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059344.D
Acq: 27 Jun 2018 17:37

Tgt Ion: 98 Resp: 26833
Ion Ratio Lower Upper
98 100
100 51.6 54.6 82.0#





#51

4-Methyl-2-Pentanone

Concen: 44.62 ug/l

RT: 8.40 min Scan# 799

Delta R.T. 0.02 min

Lab File: VF059344.D

Acq: 27 Jun 2018 17:37

Instrument :

MSVOA_F

ClientSampleId :

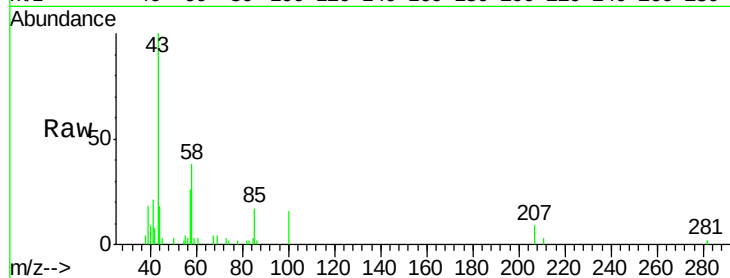
CS-PAINT-CHIP

Tot Ion: 43 Resp: 15405

Ion Ratio Lower Upper

43 100

58 37.9 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

6000

5000

4000

3000

2000

1000

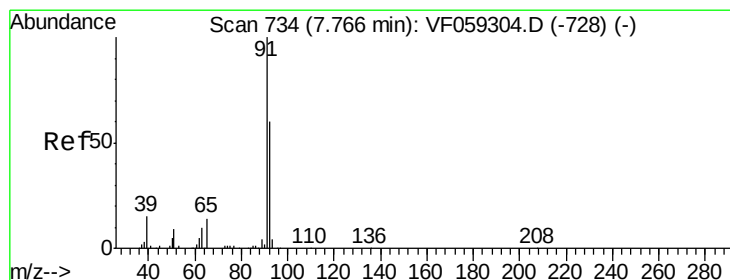
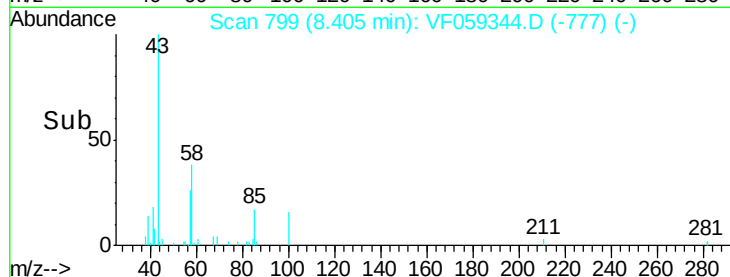
0

8.30

8.40

8.50

Time-->



#52

Toluene

Concen: 3.42 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059344.D

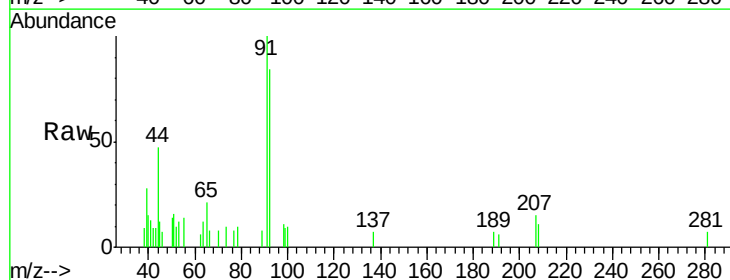
Acq: 27 Jun 2018 17:37

Tgt Ion: 92 Resp: 3170

Ion Ratio Lower Upper

92 100

91 118.9 132.8 199.2#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

3000

2500

2000

1500

1000

500

0

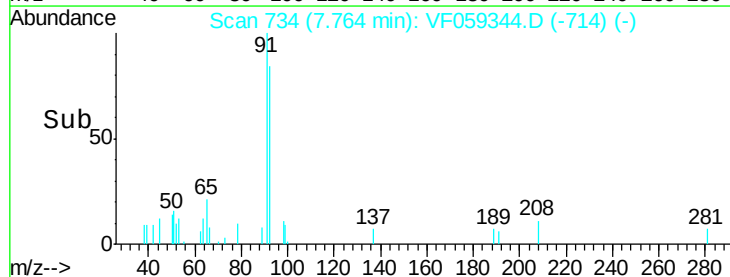
7.70

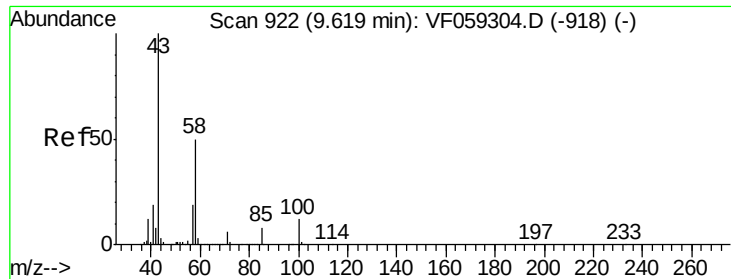
7.75

7.80

7.85

Time-->

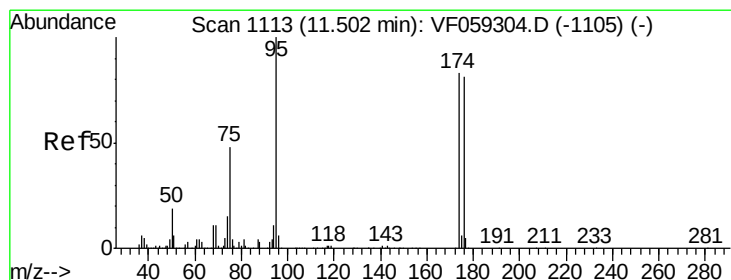
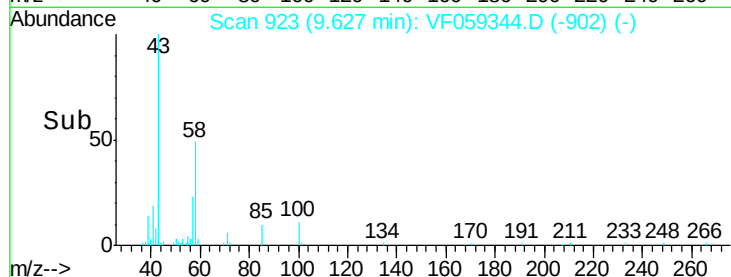
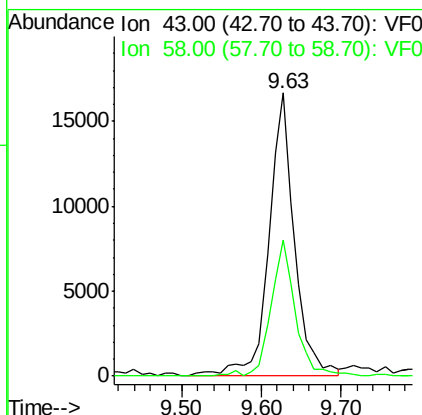
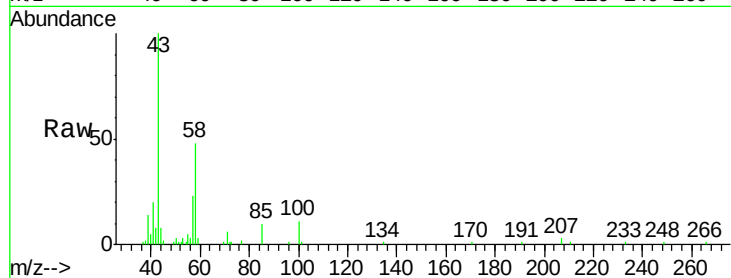




#59
2-Hexanone
Concen: 136.41 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.01 min
Lab File: VF059344.D
Acq: 27 Jun 2018 17:37

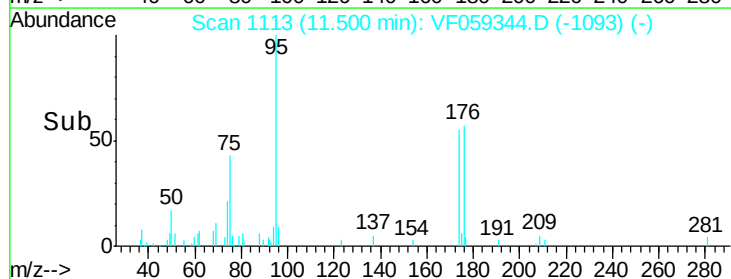
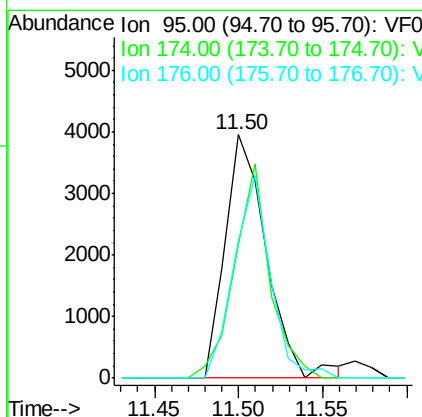
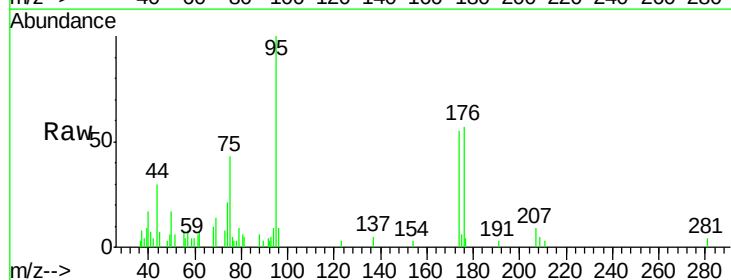
Instrument :
MSVOA_F
ClientSampleId :
CS-PAINT-CHIP

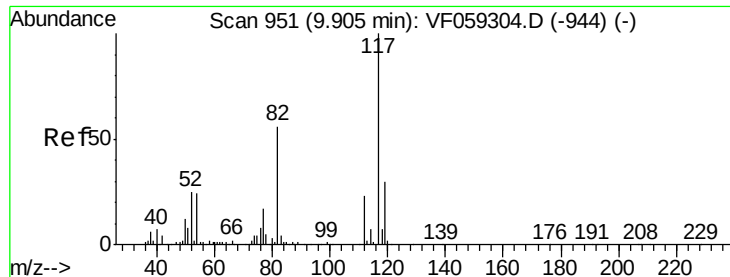
Tot Ion: 43 Resp: 37372
Ion Ratio Lower Upper
43 100
58 47.9 23.3 69.9



#62
4-Bromofluorobenzene
Concen: 10.33 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059344.D
Acq: 27 Jun 2018 17:37

Tgt Ion: 95 Resp: 6751
Ion Ratio Lower Upper
95 100
174 55.0 0.0 165.2
176 56.7 0.0 161.0

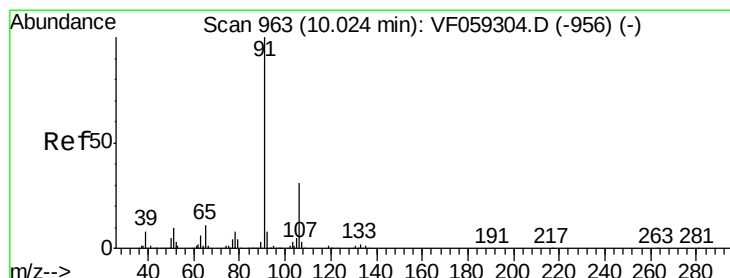
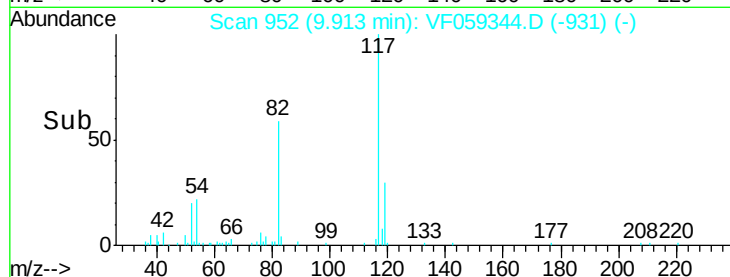
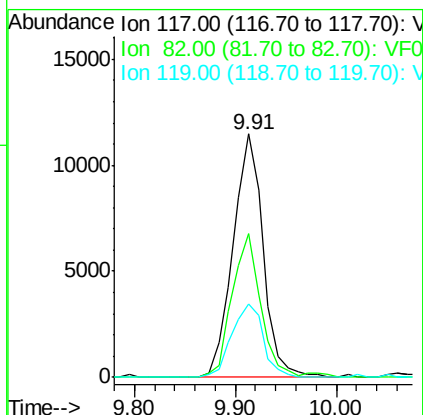
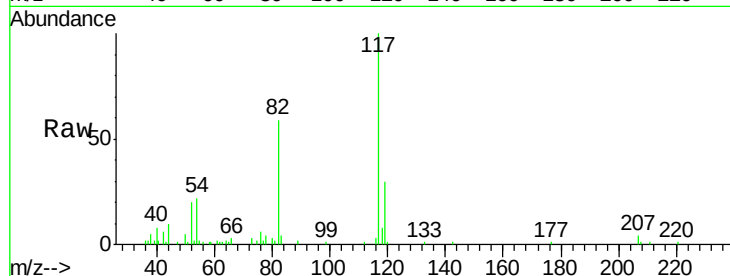




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059344.D
Acq: 27 Jun 2018 17:37

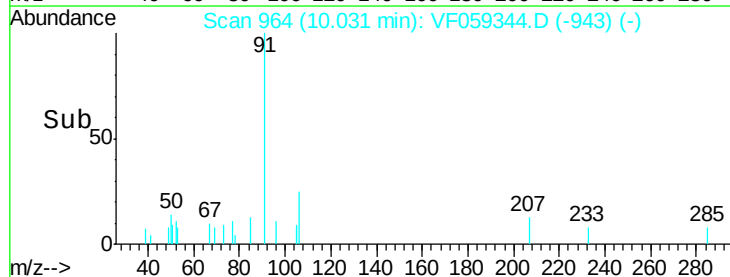
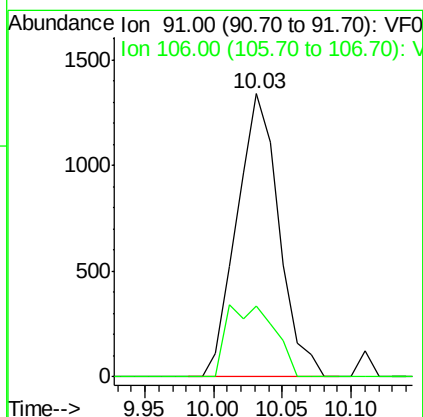
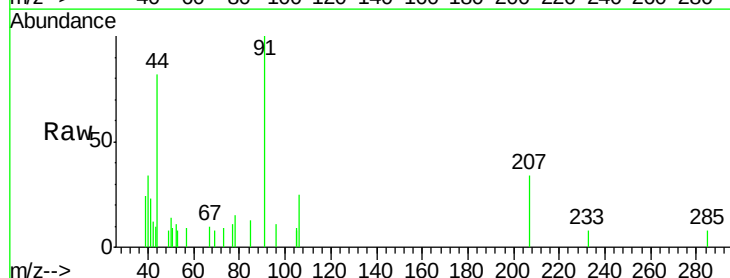
Instrument :
MSVOA_F
ClientSampleId :
CS-PAINT-CHIP

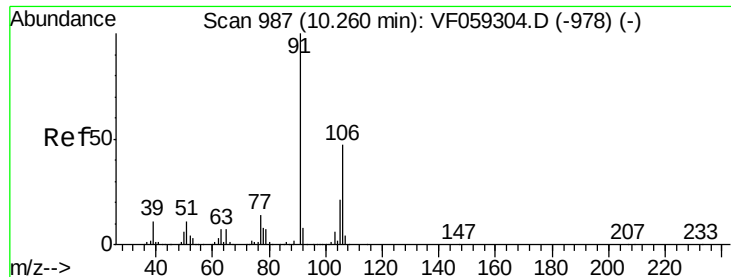
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	44.6	66.8
119	30.0	24.1	36.1



#67
Ethyl Benzene
Concen: 3.84 ug/l
RT: 10.03 min Scan# 964
Delta R.T. 0.01 min
Lab File: VF059344.D
Acq: 27 Jun 2018 17:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	24.9	24.8	37.2

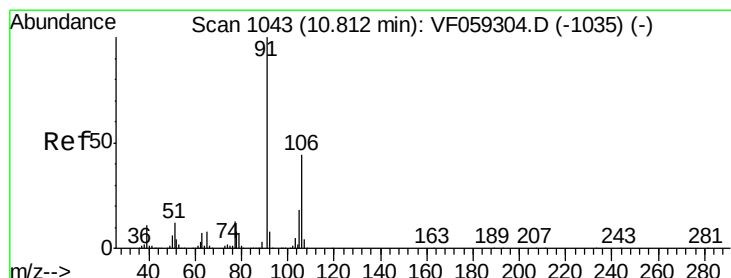
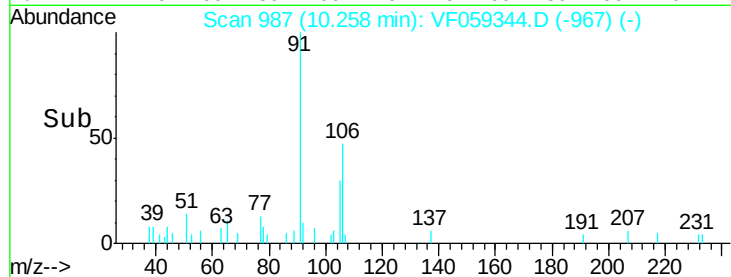
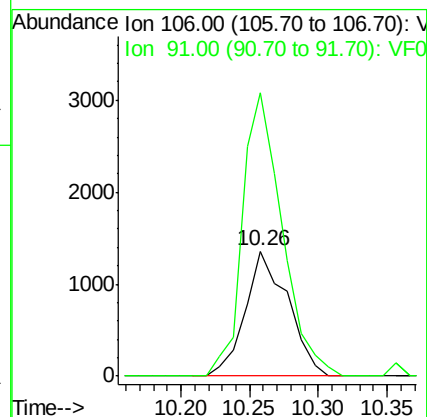
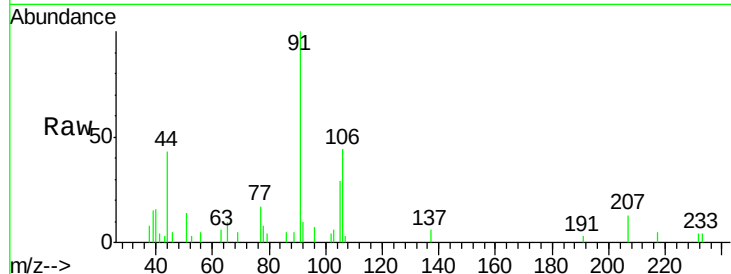




#68
m/p-Xylenes
Concen: 11.05 ug/l
RT: 10.26 min Scan# 987
Delta R.T. -0.00 min
Lab File: VF059344.D
Acq: 27 Jun 2018 17:37

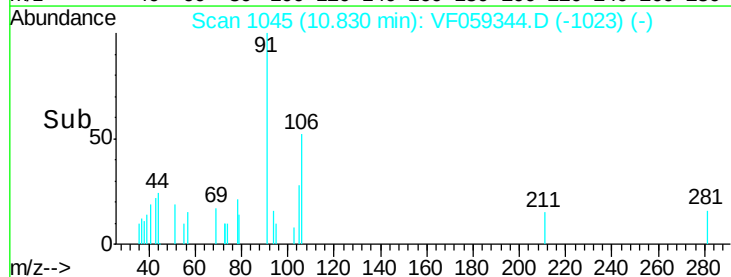
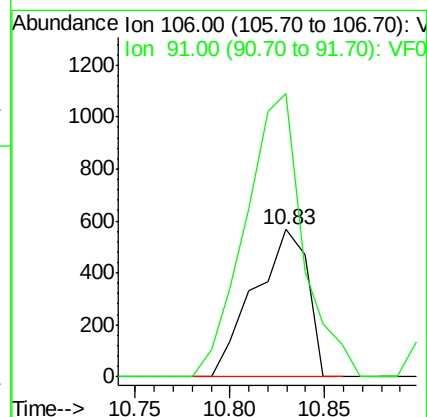
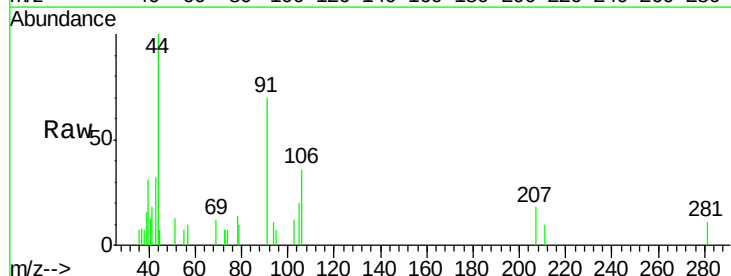
Instrument :
MSVOA_F
ClientSampleId :
CS-PAINT-CHIP

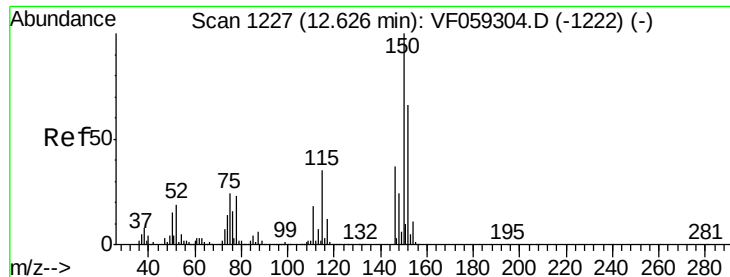
Tot Ion:106 Resp: 2939
Ion Ratio Lower Upper
106 100
91 226.1 170.8 256.2



#69
o-Xylene
Concen: 3.72 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.02 min
Lab File: VF059344.D
Acq: 27 Jun 2018 17:37

Tgt Ion:106 Resp: 1108
Ion Ratio Lower Upper
106 100
91 192.4 114.6 343.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VF059344.D

Acq: 27 Jun 2018 17:37

Instrument :

MSVOA_F

ClientSampleId :

CS-PAINT-CHIP

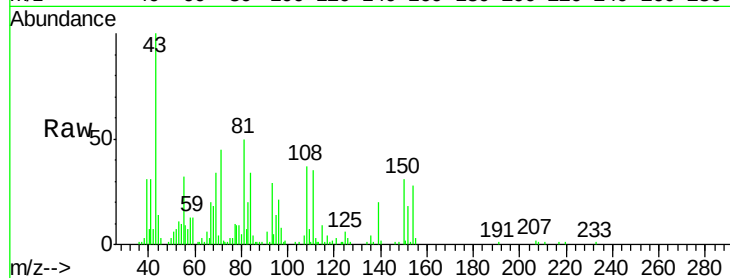
Tot Ion:152 Resp: 5289

Ion Ratio Lower Upper

152 100

115 49.0 27.1 81.3

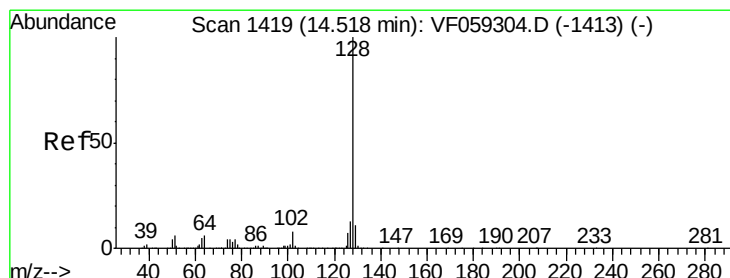
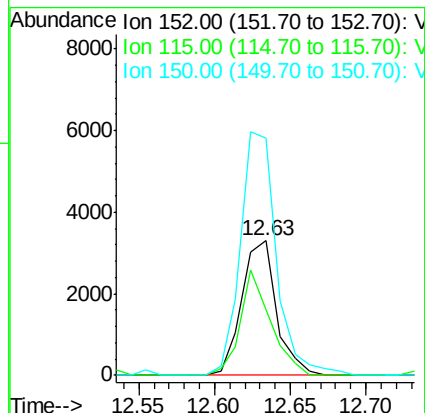
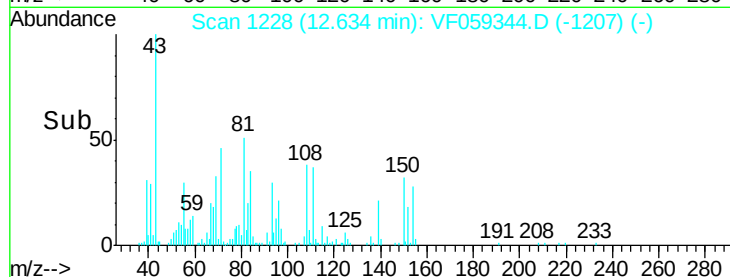
150 176.1 0.0 305.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene

Concen: 62.75 ug/l

RT: 14.53 min Scan# 1420

Delta R.T. 0.01 min

Lab File: VF059344.D

Acq: 27 Jun 2018 17:37

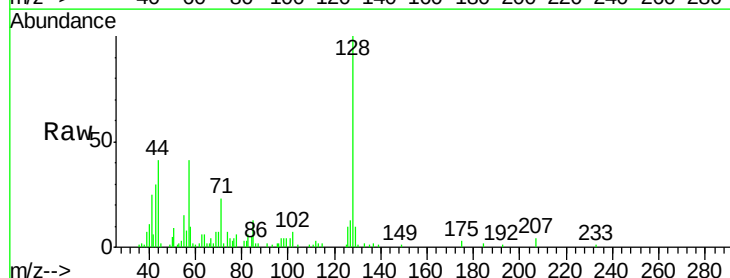
Tgt Ion:128 Resp: 15065

Ion Ratio Lower Upper

128 100

127 13.5 10.1 15.1

129 10.4 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

