

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059483.D
 Acq On : 10 Jul 2018 14:42
 Operator : VA/AP
 Sample : J3891-01RE
 Misc : 4.14g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 212-72-11940-R4-VNJ-242RE

Quant Time: Jul 10 15:59:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 06:35:36 2018
 Response via : Initial Calibration

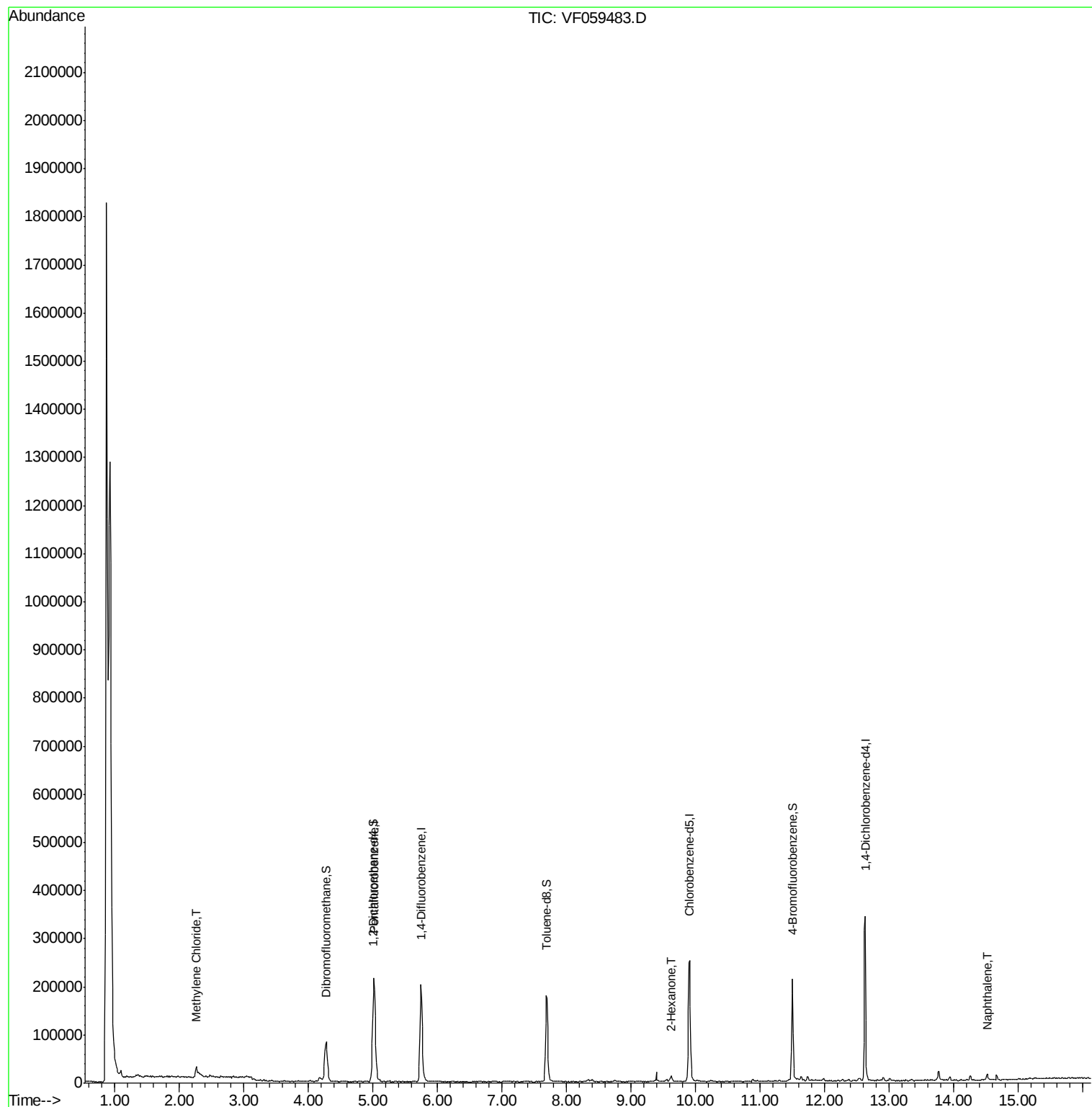
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	149550	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.74	114	201578	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.90	117	178179	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	87790	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	81665	31.40	ug/l	0.01
Spiked Amount 50.000			Recovery	=	62.80%	
35) Dibromofluoromethane	4.28	113	72112	37.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.56%	
50) Toluene-d8	7.69	98	150521	33.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	66.16%	
62) 4-Bromofluorobenzene	11.50	95	72683	28.64	ug/l	0.02
Spiked Amount 50.000			Recovery	=	57.28%	
Target Compounds						
20) Methylene Chloride	2.27	84	12018	7.18	ug/l	Qvalue 90
59) 2-Hexanone	9.62	43	10594	13.37	ug/l	93
95) Naphthalene	14.52	128	8372	2.04	ug/l #	88

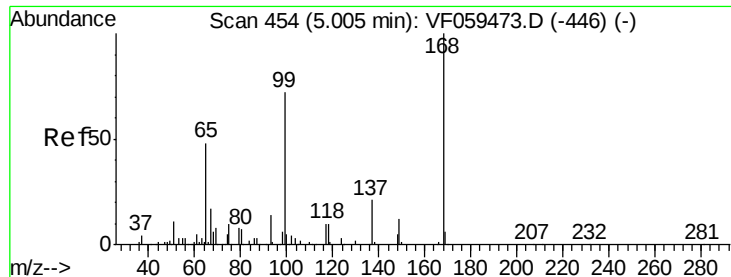
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059483.D

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Instrument :

MSVOA_F

ClientSampleId :

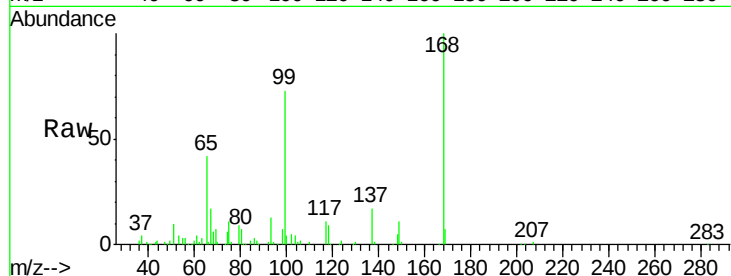
212-72-11940-R4-VNJ-242RE

Tot Ion:168 Resp: 149550

Ion Ratio Lower Upper

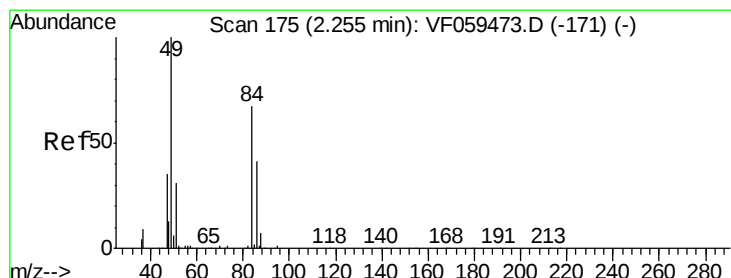
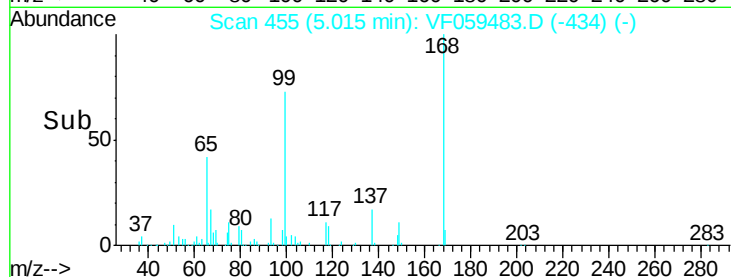
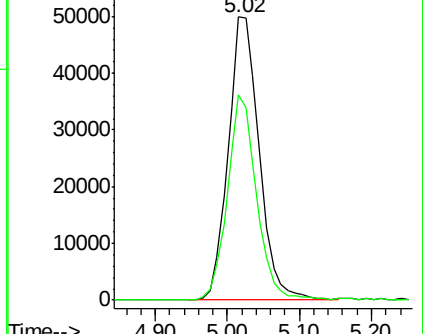
168 100

99 72.6 57.7 86.5



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 7.18 ug/l

RT: 2.27 min Scan# 176

Delta R.T. 0.01 min

Lab File: VF059483.D

Acq: 10 Jul 2018 14:42

Tgt Ion: 84 Resp: 12018

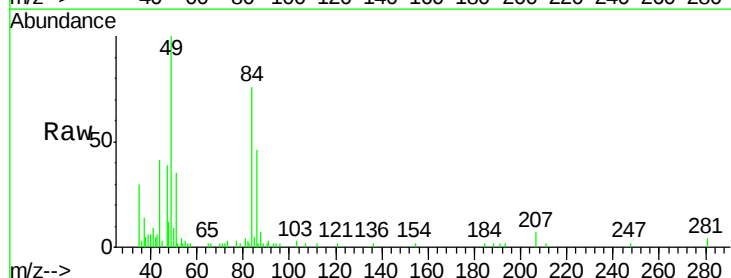
Ion Ratio Lower Upper

84 100

49 131.2 120.4 180.6

51 45.9 38.1 57.1

86 63.0 49.0 73.4

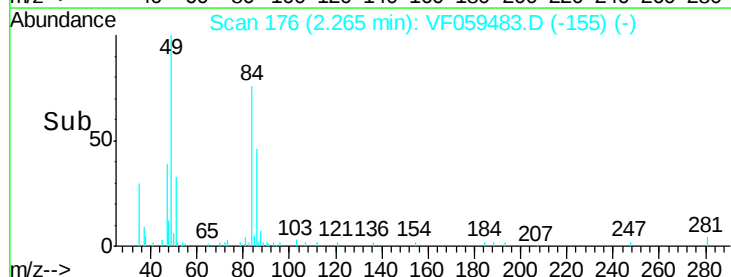
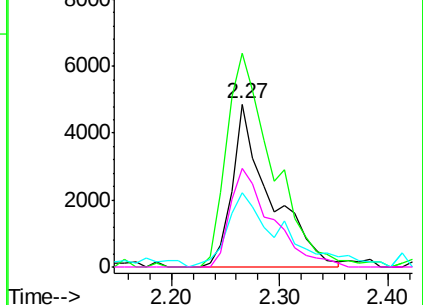


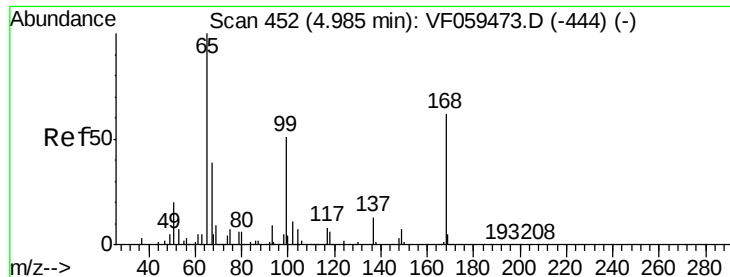
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 31.40 ug/l

RT: 5.00 min Scan# 453

Delta R.T. 0.01 min

Lab File: VF059483.D

Acq: 10 Jul 2018 14:42

Instrument :

MSVOA_F

ClientSampleId :

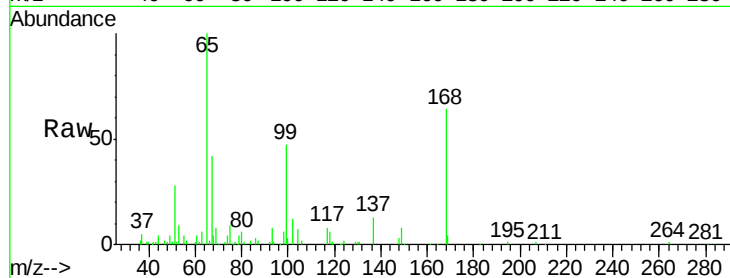
212-72-11940-R4-VNJ-242RE

Tot Ion: 65 Resp: 81665

Ion Ratio Lower Upper

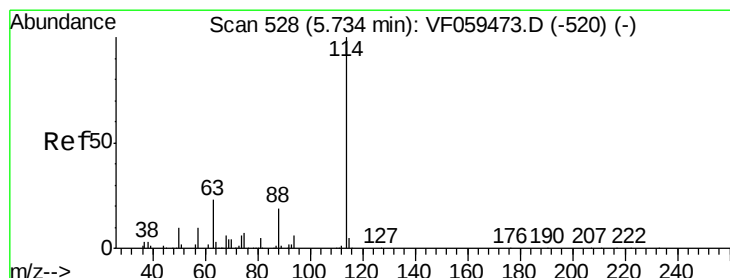
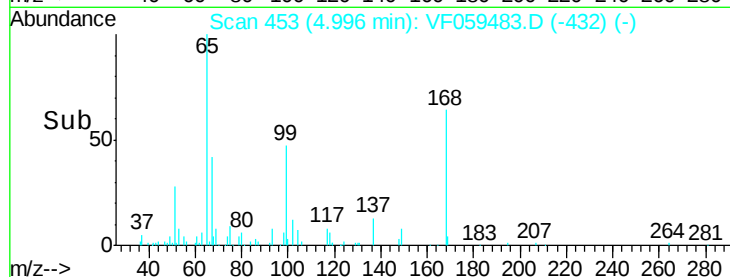
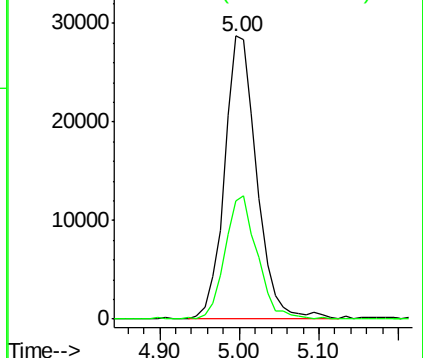
65 100

67 42.0 0.0 88.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. 0.01 min

Lab File: VF059483.D

Acq: 10 Jul 2018 14:42

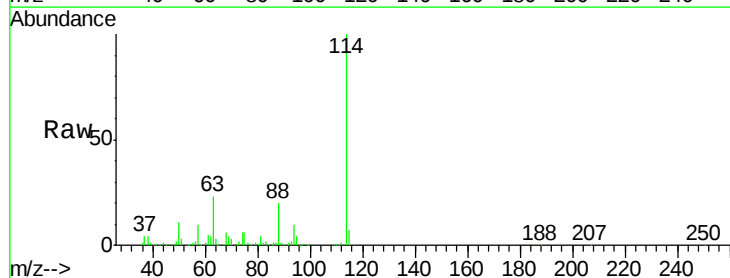
Tgt Ion: 114 Resp: 201578

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.2

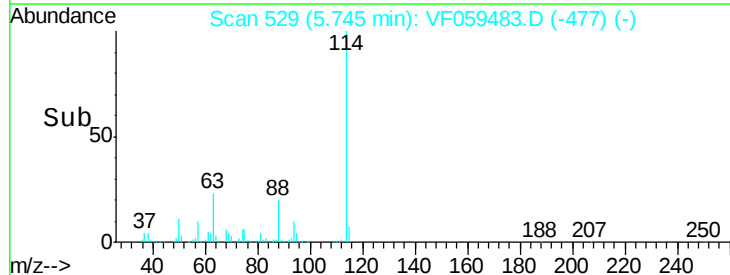
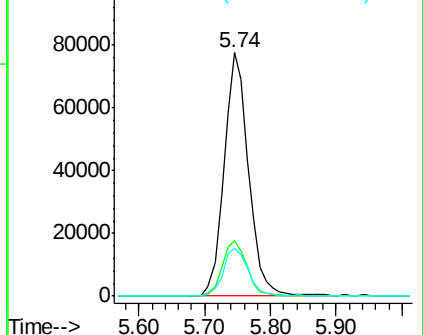
88 19.7 0.0 38.0

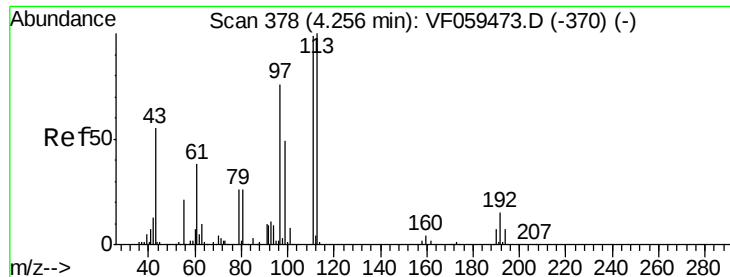


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

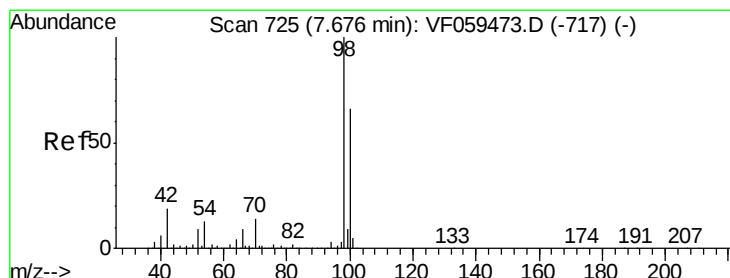
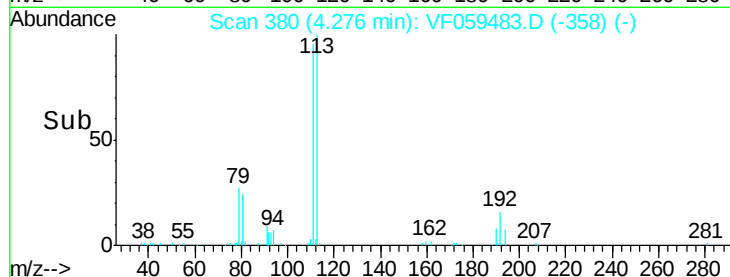
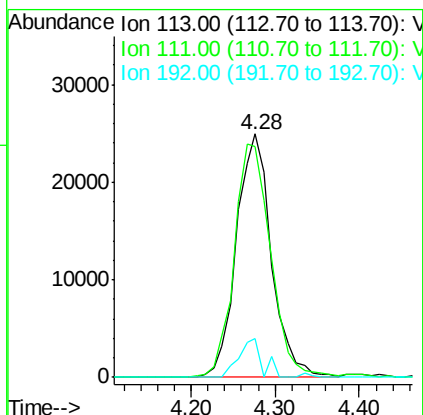
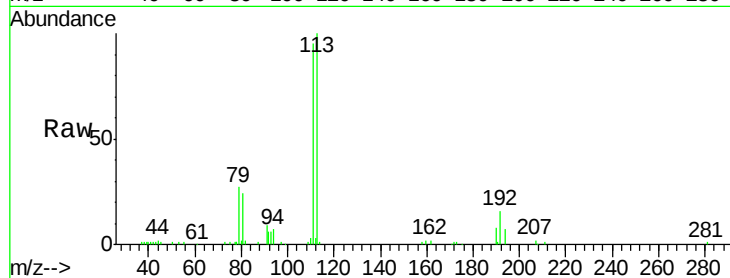




#35
 Dibromofluoromethane
 Concen: 37.28 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. 0.02 min
 Lab File: VF059483.D
 Acq: 10 Jul 2018 14:42

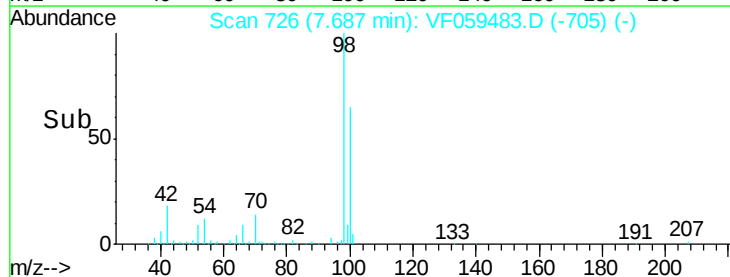
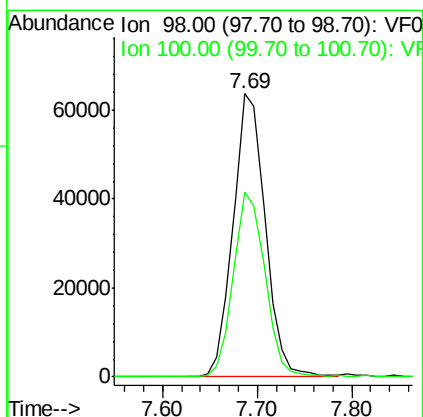
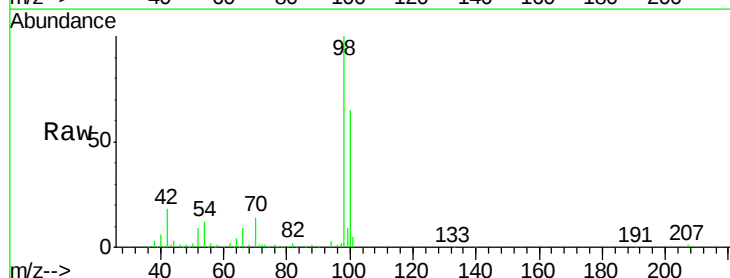
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 212-72-11940-R4-VNJ-242RE

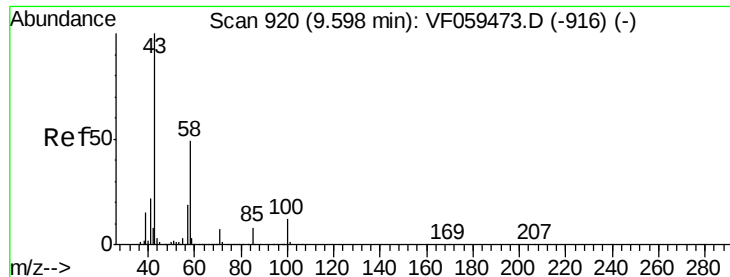
Tot Ion:113 Resp: 72112
 Ion Ratio Lower Upper
 113 100
 111 95.0 79.3 118.9
 192 15.8 12.0 18.0



#50
 Toluene-d8
 Concen: 33.08 ug/l
 RT: 7.69 min Scan# 726
 Delta R.T. 0.01 min
 Lab File: VF059483.D
 Acq: 10 Jul 2018 14:42

Tgt Ion: 98 Resp: 150521
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.6 78.8

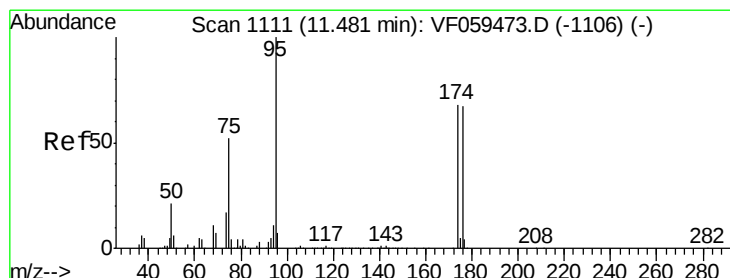
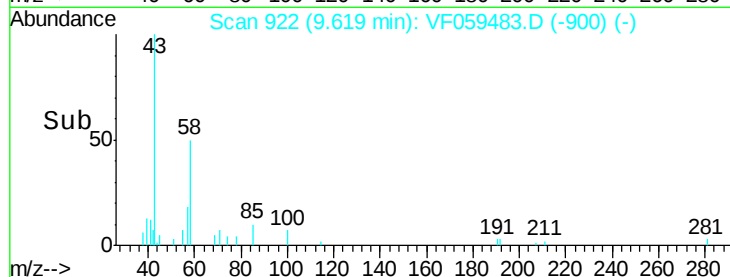
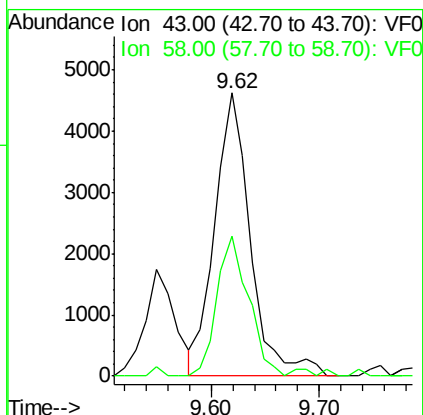
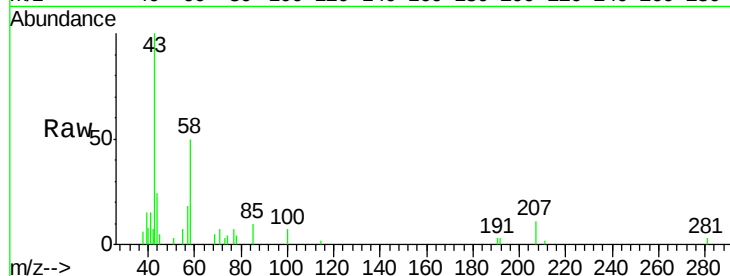




#59
2-Hexanone
Concen: 13.37 ug/l
RT: 9.62 min Scan# 922
Delta R.T. 0.02 min
Lab File: VF059483.D
Acq: 10 Jul 2018 14:42

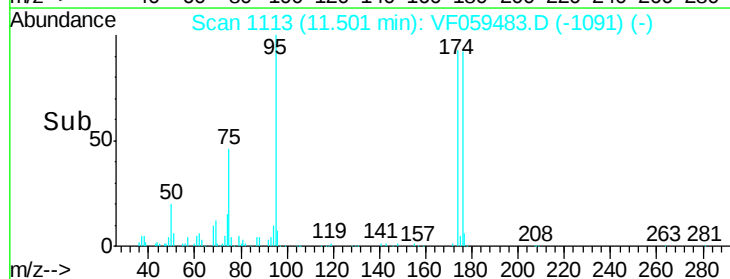
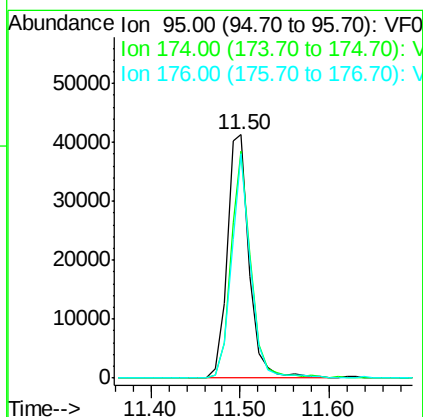
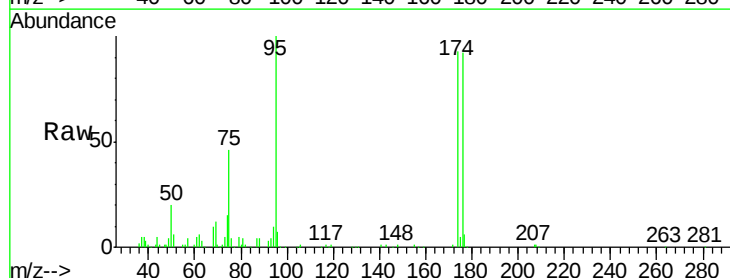
Instrument :
MSVOA_F
ClientSampleId :
212-72-11940-R4-VNJ-242RE

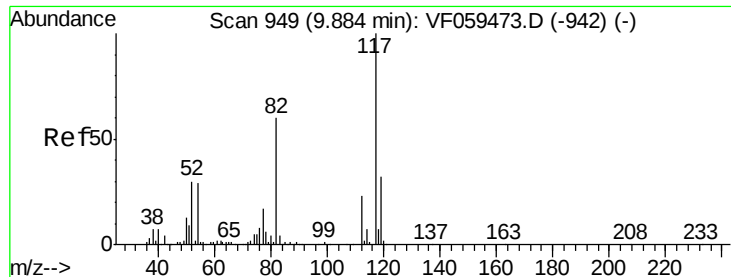
Tot Ion: 43 Resp: 10594
Ion Ratio Lower Upper
43 100
58 49.7 22.4 67.2



#62
4-Bromofluorobenzene
Concen: 28.64 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF059483.D
Acq: 10 Jul 2018 14:42

Tgt Ion: 95 Resp: 72683
Ion Ratio Lower Upper
95 100
174 93.4 0.0 137.0
176 92.1 0.0 133.8

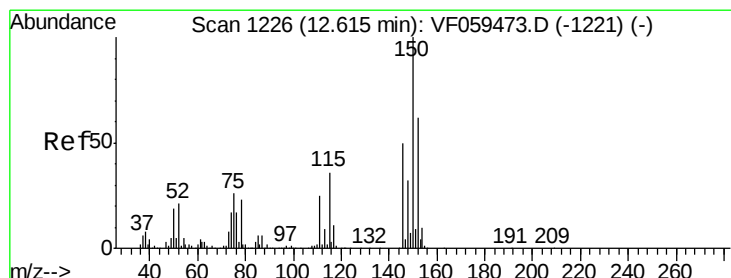
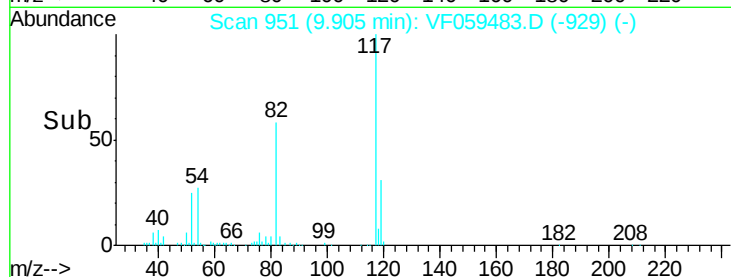
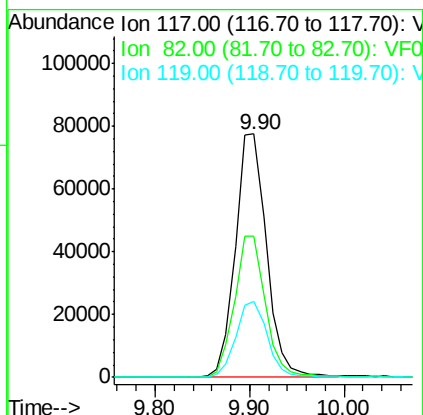
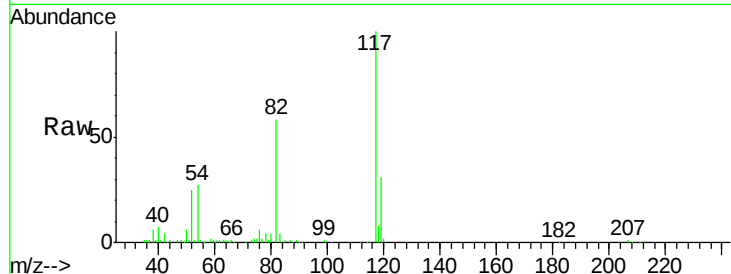




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF059483.D
Acq: 10 Jul 2018 14:42

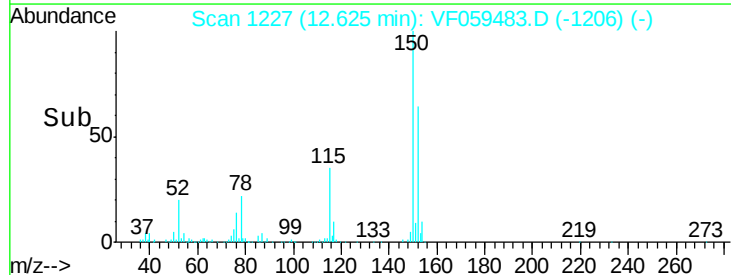
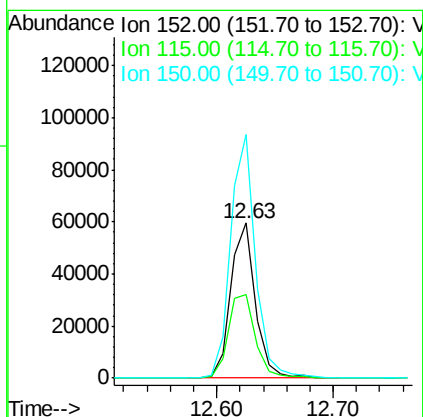
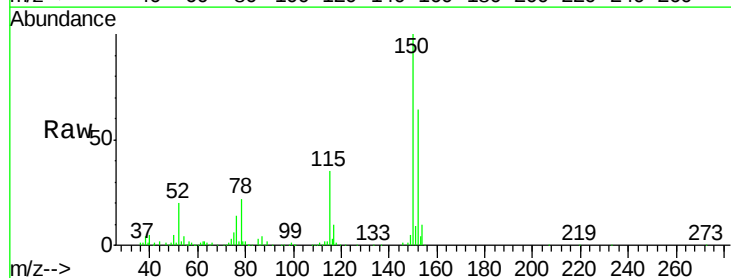
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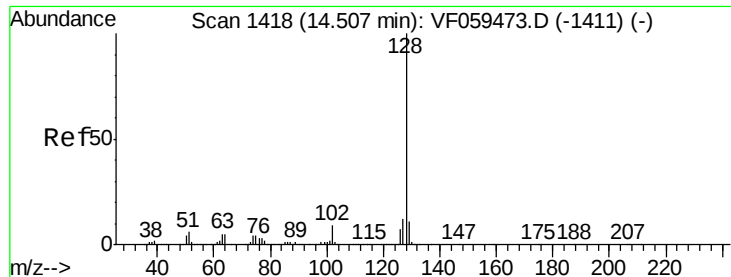
Tot Ion:117 Resp: 178179
Ion Ratio Lower Upper
117 100
82 58.3 48.2 72.4
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF059483.D
Acq: 10 Jul 2018 14:42

Tgt Ion:152 Resp: 87790
Ion Ratio Lower Upper
152 100
115 54.2 28.7 86.3
150 157.1 0.0 323.8





#95

Naphthalene

Concen: 2.04 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.01 min

Lab File: VF059483.D

Acq: 10 Jul 2018 14:42

Instrument :

MSVOA_F

ClientSampleId :

212-72-11940-R4-VNJ-242RE

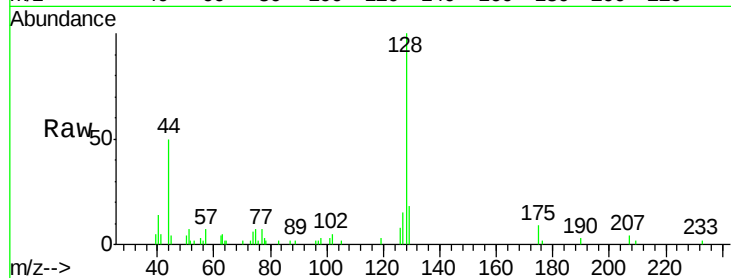
Tot Ion:128 Resp: 8372

Ion Ratio Lower Upper

128 100

127 15.1 9.9 14.9#

129 18.1 9.0 13.6#



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

