

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059571.D
 Acq On : 19 Jul 2018 22:46
 Operator : VA/AP
 Sample : J4041-01
 Misc : 5.06g/5mL/MSVOA F/SOIL
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONES

Manual Integrations
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 7/20/2018 11:52:55 AM

Quant Time: Jul 20 06:51:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	183605	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	285251	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	247963	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	125783	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	167892	58.80	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.60%	
35) Dibromofluoromethane	4.28	113	136215	55.14	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	110.28%	
50) Toluene-d8	7.70	98	239419	38.47	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.94%	
62) 4-Bromofluorobenzene	11.51	95	126874	38.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.72%	
Target Compounds						
20) Methylene Chloride	2.27	84	7191	1.10	ug/l	# 88
68) m/p-Xylenes	10.26	106	3174	1.09	ug/l	88
80) 1,3,5-Trimethylbenzene	11.91	105	14599	2.20	ug/l	97
84) 1,2,4-Trimethylbenzene	12.29	105	51490	7.52	ug/l	94
86) p-Isopropyltoluene	12.53	119	11467m	1.62	ug/l	
95) Naphthalene	14.52	128	1618422	351.24	ug/l	99

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

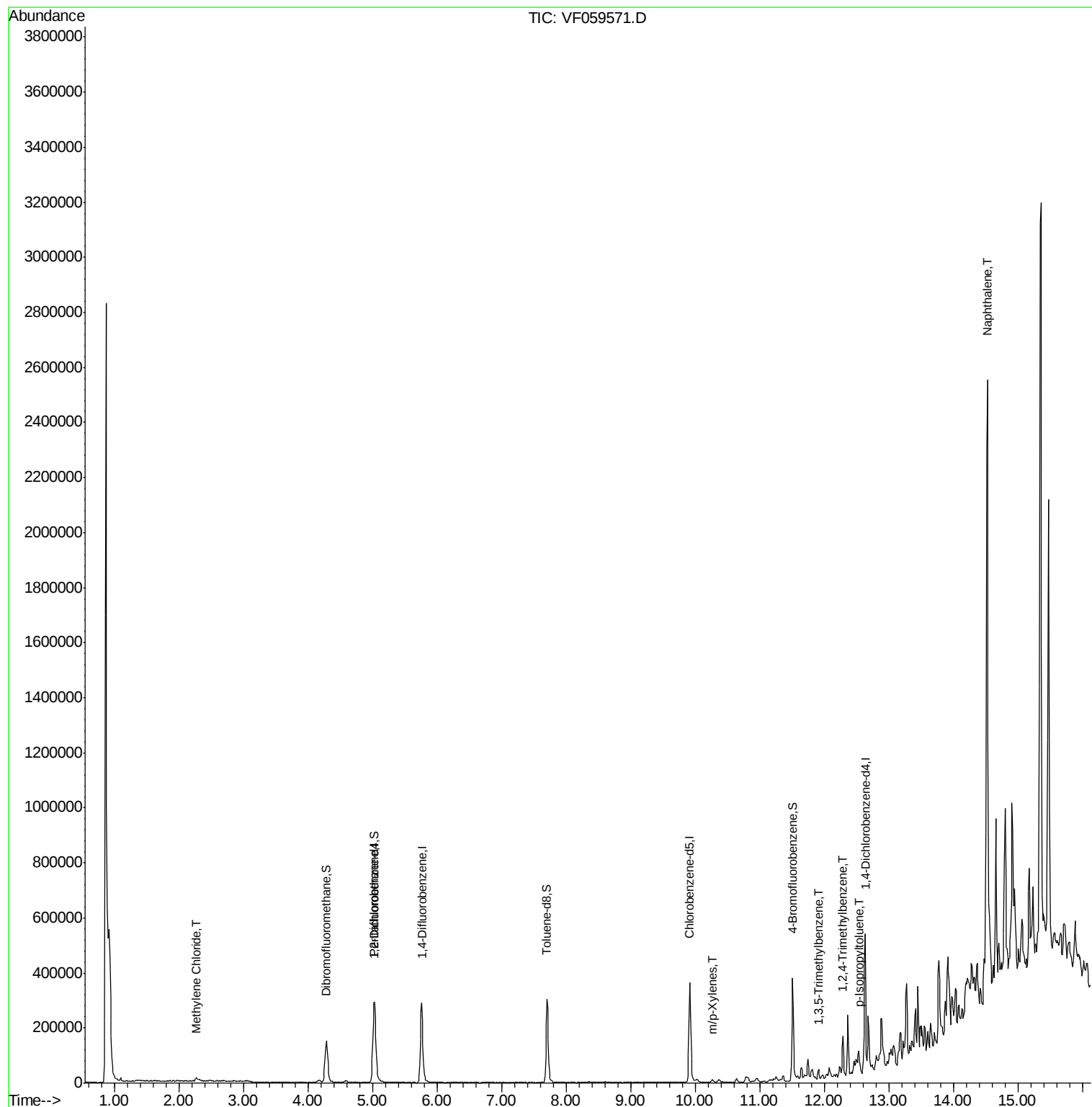
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059571.D
Acq On : 19 Jul 2018 22:46
Operator : VA/AP
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Misc : 5.06g/5mL/MSVOA F/SOIL
ALS Vial : 63 Sample Multiplier: 1

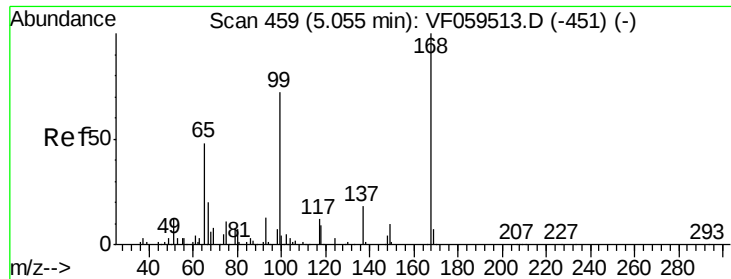
Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

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7/20/2018 11:52:55 AM

Quant Time: Jul 20 06:51:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

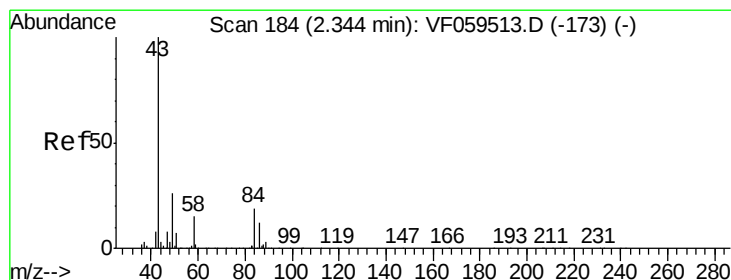
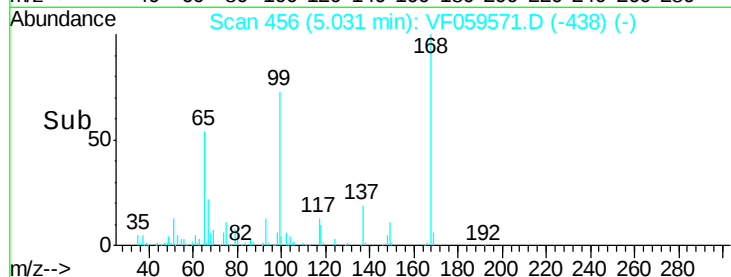
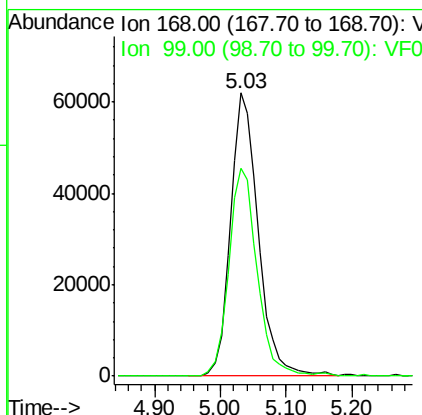
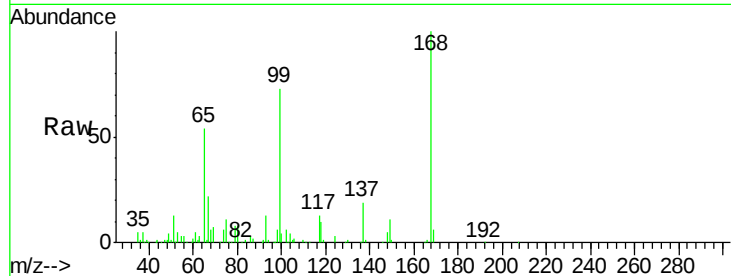
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: VF059571.D
 Acq: 19 Jul 2018 22:46

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Resp	Lower	Upper
168	100	183605		
99	73.4	57.6	86.4	

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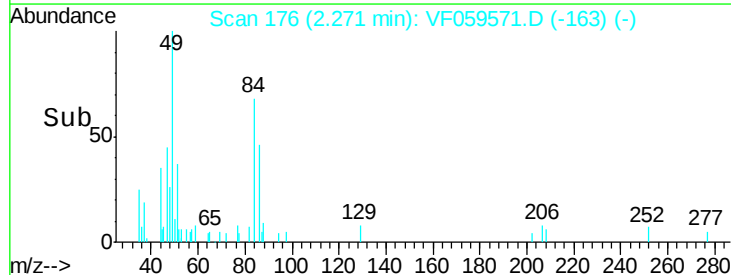
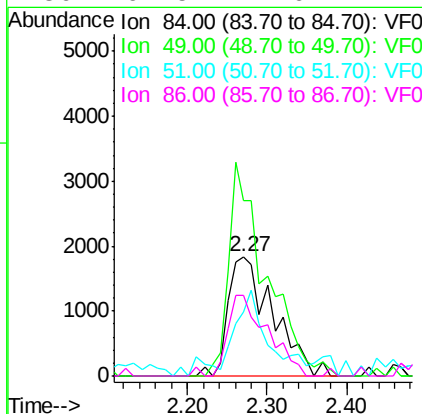
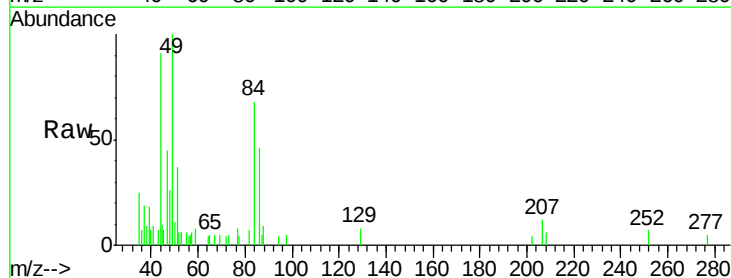
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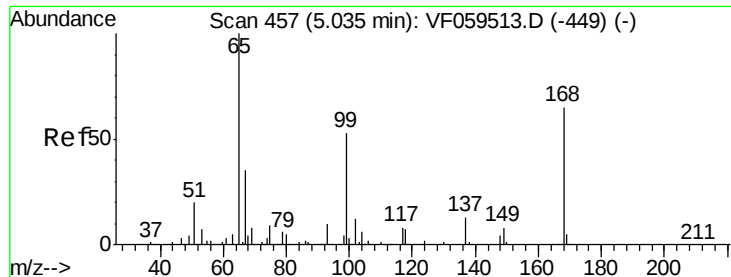


#20

Methylene Chloride
 Concen: 1.10 ug/l
 RT: 2.27 min Scan# 176
 Delta R.T. -0.07 min
 Lab File: VF059571.D
 Acq: 19 Jul 2018 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	7191		
49	147.5	109.4	164.2	
51	54.2	30.5	45.7#	
86	67.5	47.6	71.4	





#33

1,2-Dichloroethane-d4

Concen: 58.80 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059571.D

Acq: 19 Jul 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

OILY-STONES

Tot Ion: 65 Resp: 167892

Ion Ratio Lower Upper

65 100

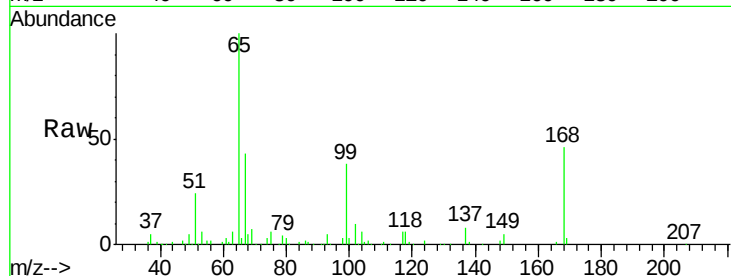
67 42.6 0.0 91.2

Manual Integrations

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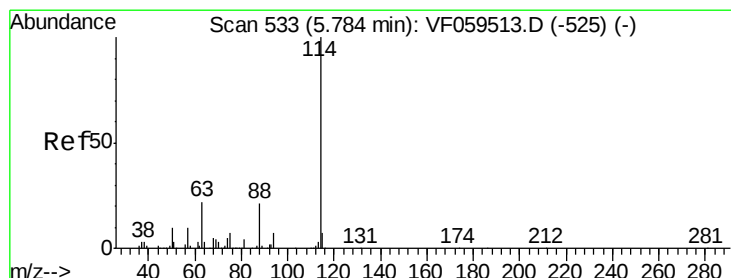
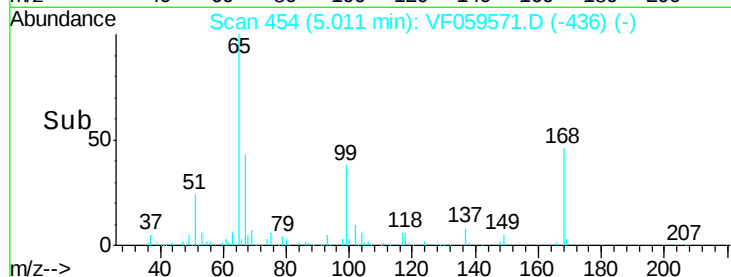
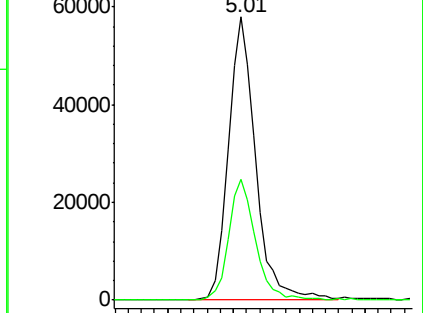
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF059571.D

Acq: 19 Jul 2018 22:46

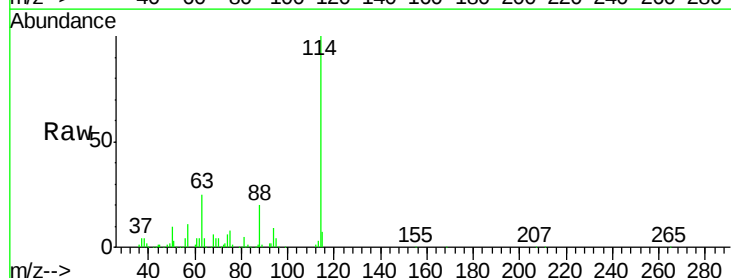
Tgt Ion: 114 Resp: 285251

Ion Ratio Lower Upper

114 100

63 25.0 0.0 44.8

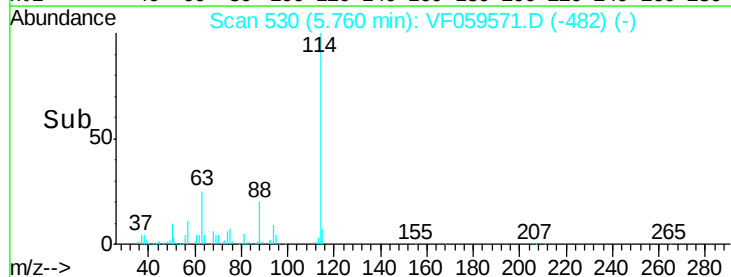
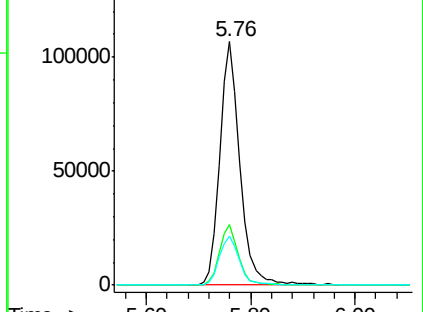
88 20.0 0.0 42.6

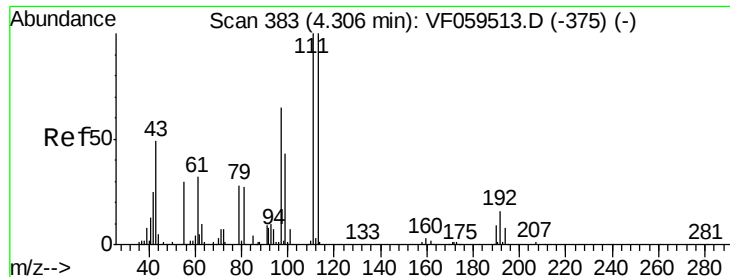


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





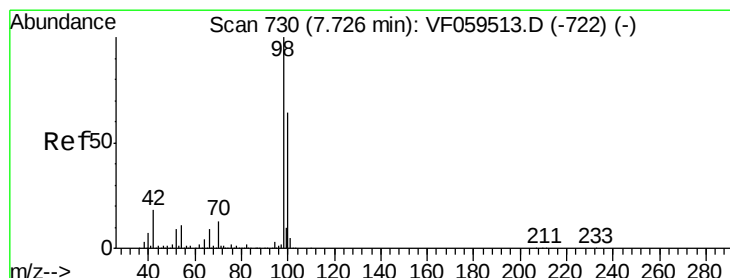
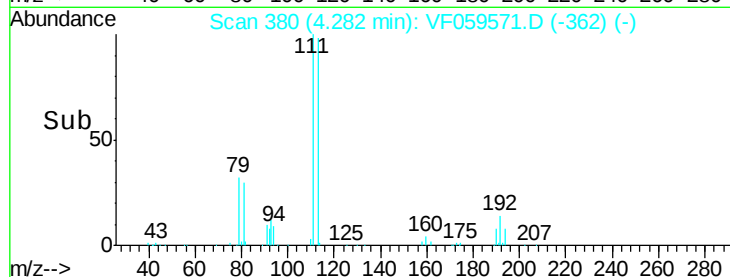
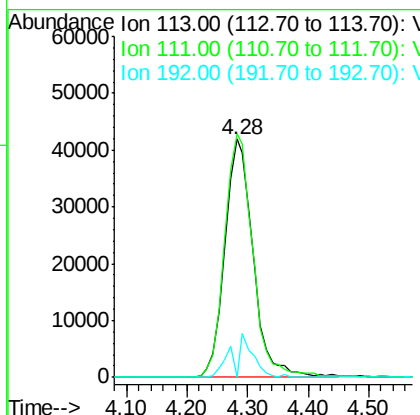
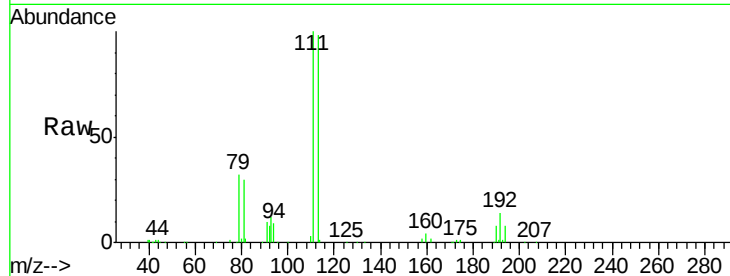
#35
 Dibromofluoromethane
 Concen: 55.14 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF059571.D
 Acq: 19 Jul 2018 22:46

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136215		
111	102.3		80.3	120.5
192	0.0		13.1	19.7#

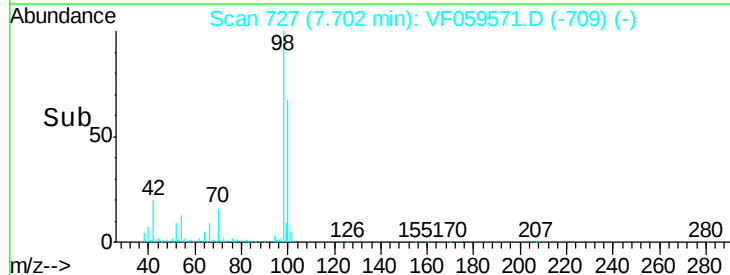
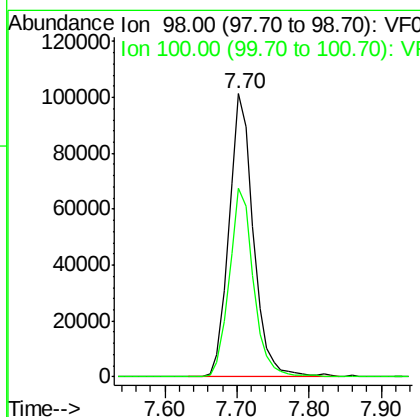
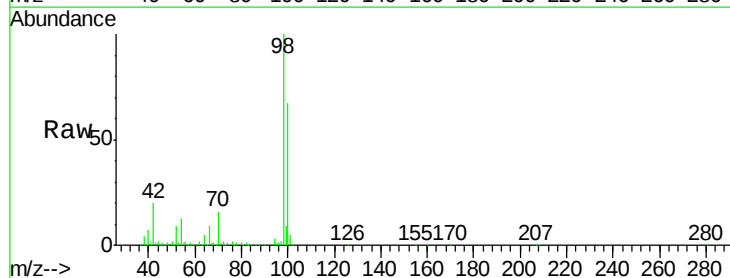
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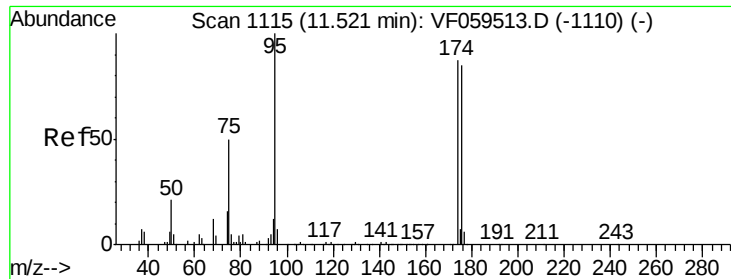
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#50
 Toluene-d8
 Concen: 38.47 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: VF059571.D
 Acq: 19 Jul 2018 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	239419		
100	66.9		50.9	76.3





#62

4-Bromofluorobenzene

Concen: 38.86 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059571.D

Acq: 19 Jul 2018 22:46

Instrument :

MSVOA_F

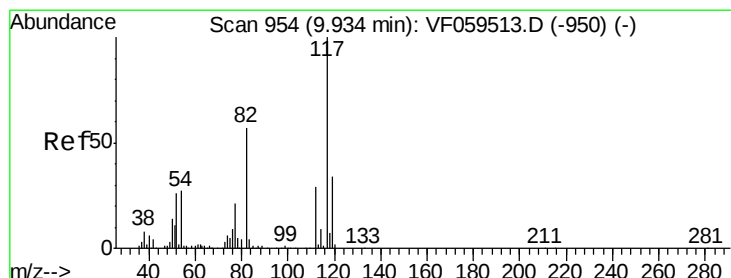
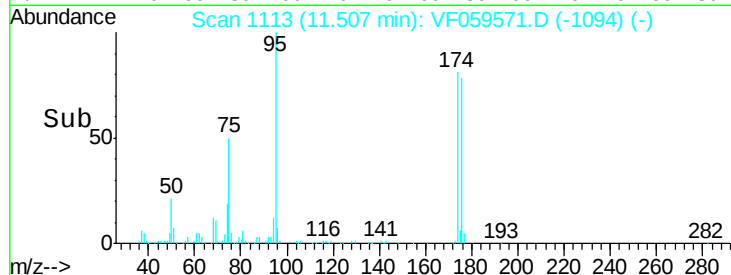
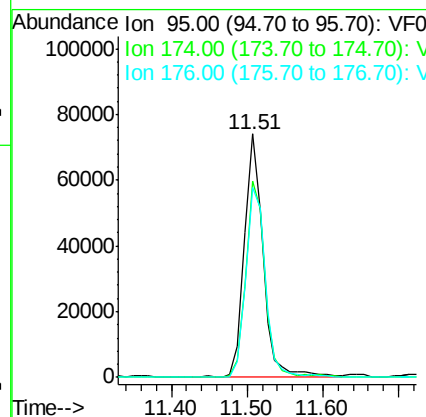
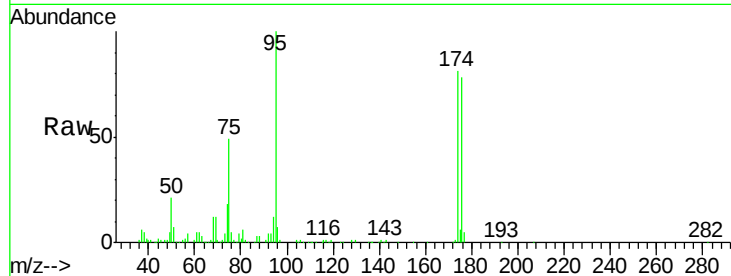
ClientSampleId :

OILY-STONES

Tot Ion:	95	Resp:	126874
Ion Ratio	Lower	Upper	
95	100		
174	80.7	0.0	174.4
176	77.8	0.0	169.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

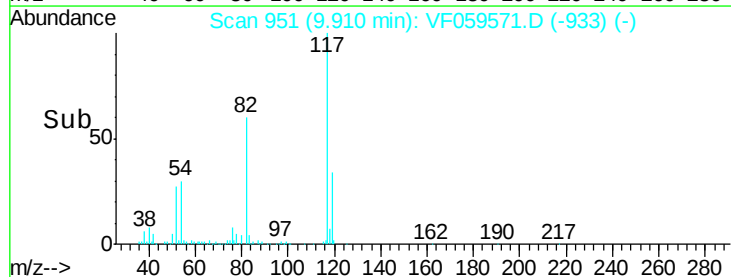
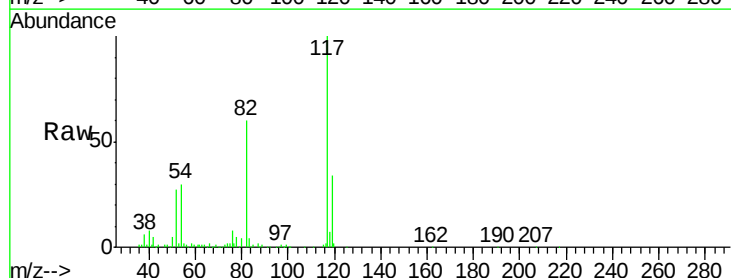
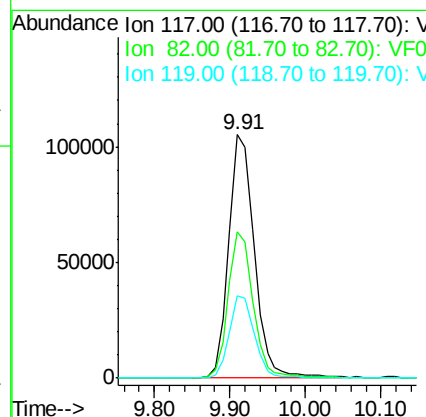
RT: 9.91 min Scan# 951

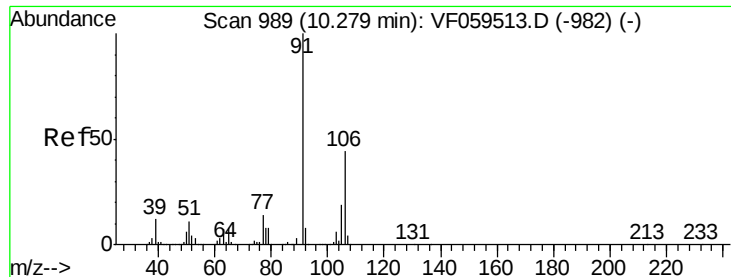
Delta R.T. -0.02 min

Lab File: VF059571.D

Acq: 19 Jul 2018 22:46

Tgt Ion:	117	Resp:	247963
Ion Ratio	Lower	Upper	
117	100		
82	60.3	46.1	69.1
119	33.7	27.2	40.8





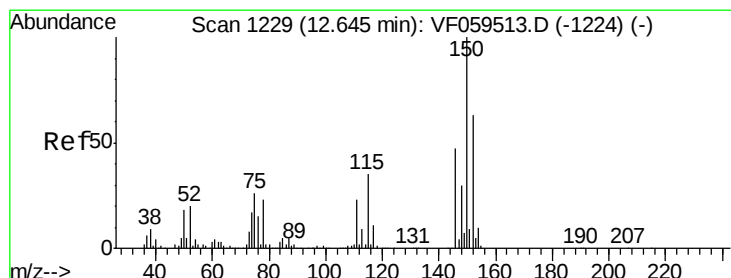
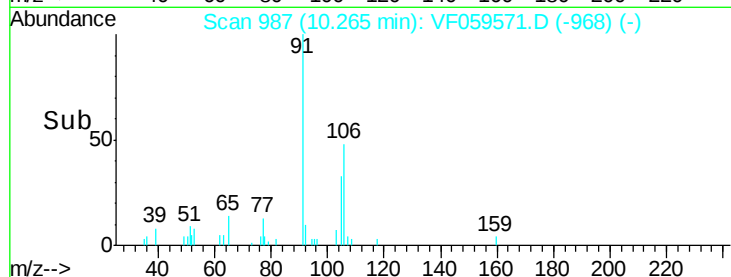
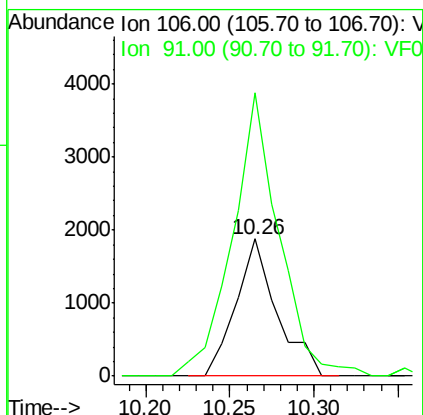
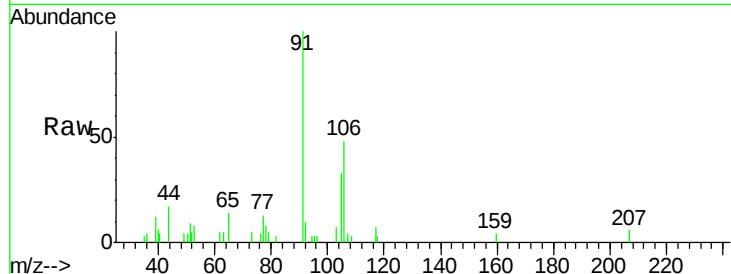
#68
m/p-Xvlenes
Concen: 1.09 ug/l
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF059571.D
Acq: 19 Jul 2018 22:46

Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

Tot Ion:106 Resp: 3174
Ion Ratio Lower Upper
106 100
91 206.5 181.0 271.4

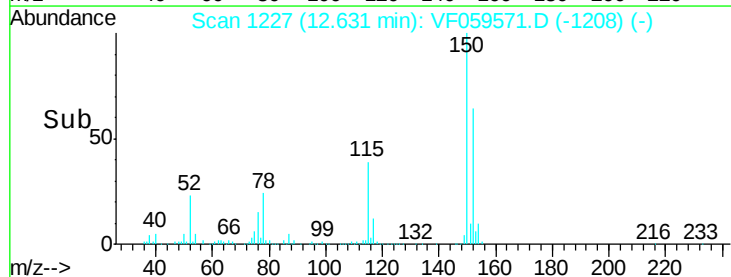
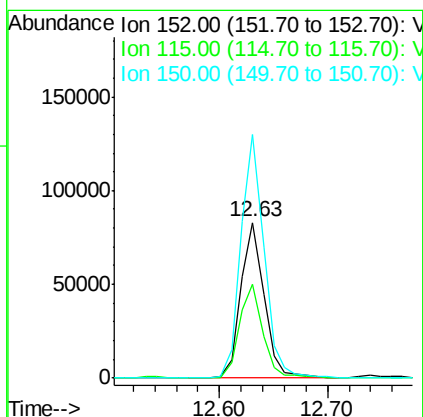
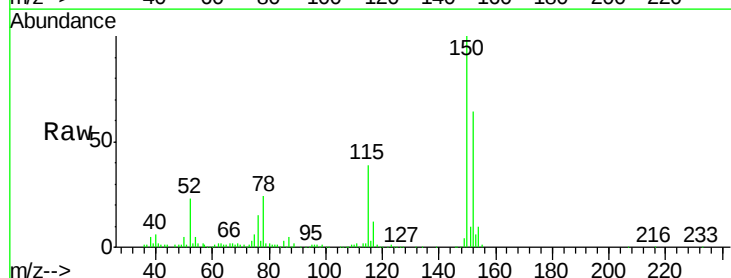
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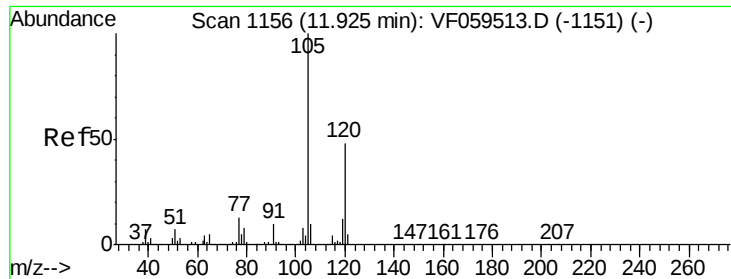
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059571.D
Acq: 19 Jul 2018 22:46

Tgt Ion:152 Resp: 125783
Ion Ratio Lower Upper
152 100
115 60.7 27.8 83.3
150 156.4 0.0 318.4





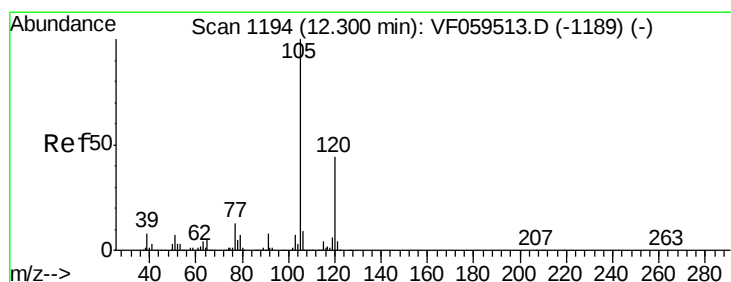
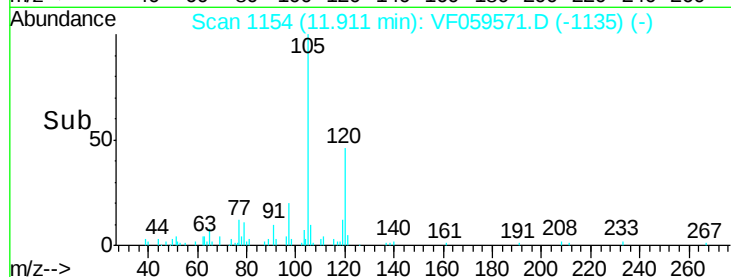
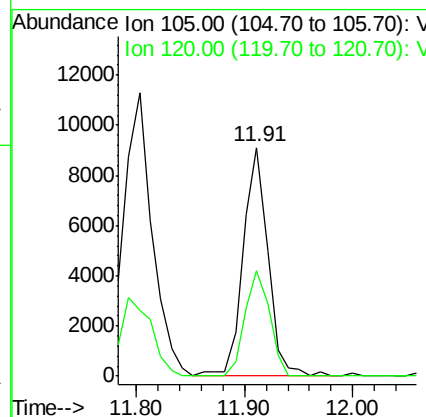
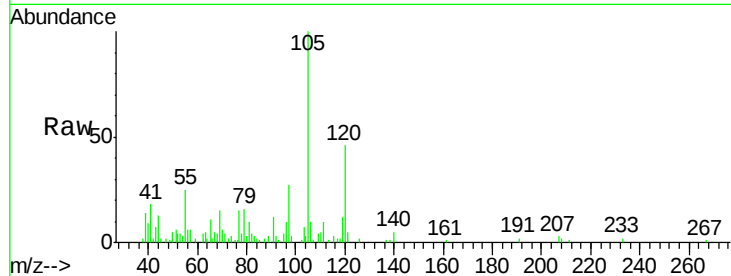
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 1,3,5-Trimethylbenzene
 Concen: 2.20 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: VF059571.D
 Acq: 19 Jul 2018 22:46

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.0	24.1	72.4

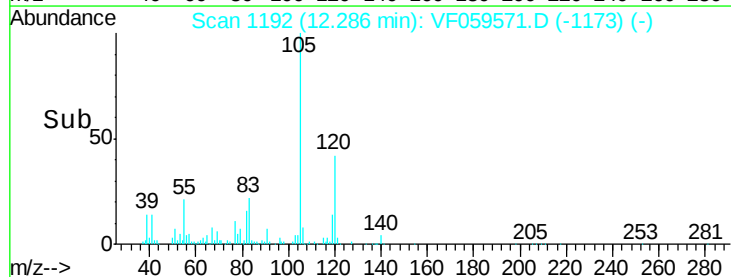
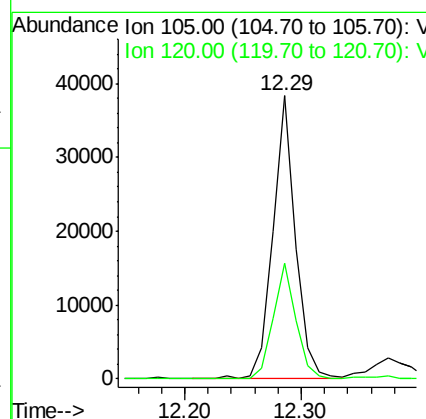
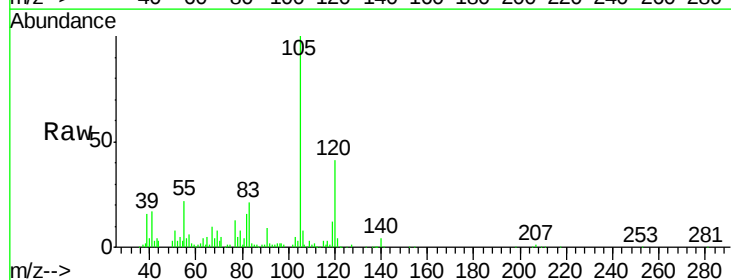
Manual Integrations
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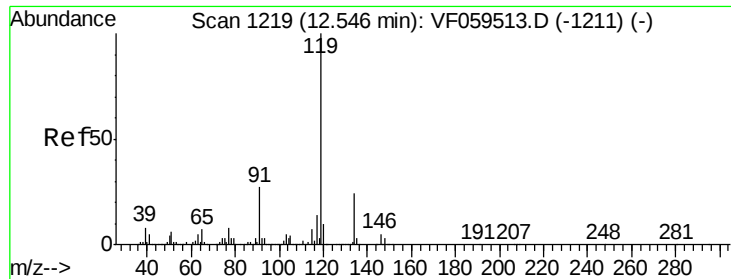
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#84
 1,2,4-Trimethylbenzene
 Concen: 7.52 ug/l
 RT: 12.29 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: VF059571.D
 Acq: 19 Jul 2018 22:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.1	22.5	67.5





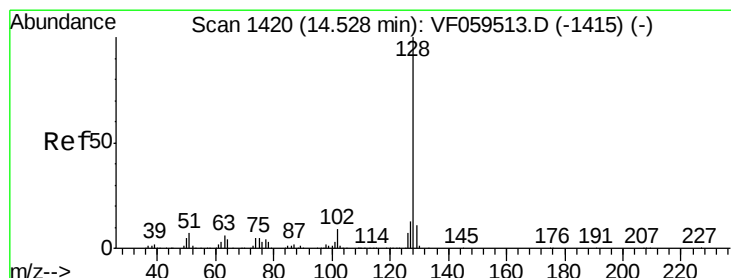
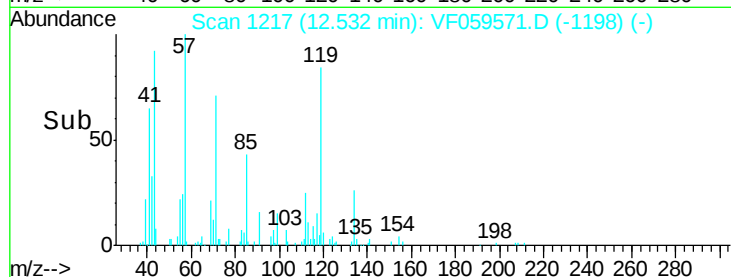
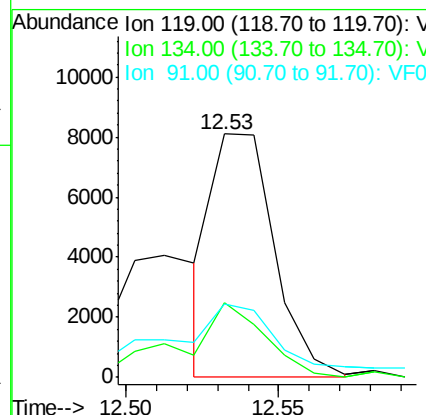
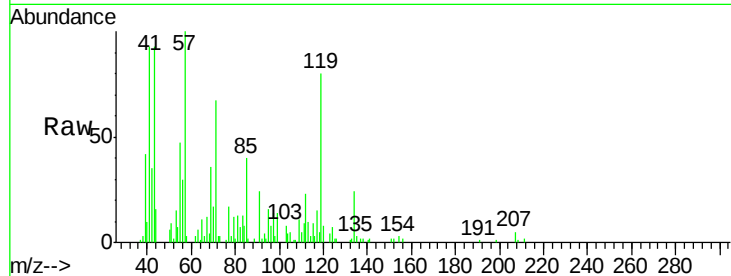
#86
p-Isopropyltoluene
Concen: 1.62 ug/l m
RT: 12.53 min Scan# 1217
Delta R.T. -0.01 min
Lab File: VF059571.D
Acq: 19 Jul 2018 22:46

Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
119	100		
134	30.5	12.0	36.0
91	30.4	13.5	40.4

Manual Integrations
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#95
Naphthalene
Concen: 351.24 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VF059571.D
Acq: 19 Jul 2018 22:46

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	12.1	9.0	13.4

