

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060412.D
 Acq On : 2 Oct 2018 19:51
 Operator : VA/AP
 Sample : J5154-02RE
 Misc : 5.25/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONESRE

Manual Integrations
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Quant Time: Oct 03 03:22:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	211393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	384998	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	254043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	62559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	189223	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	4.26	113	195069	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
50) Toluene-d8	7.68	98	329479	36.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.98%	
62) 4-Bromofluorobenzene	11.50	95	111267	27.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.72%	
Target Compounds						
20) Methylene Chloride	2.32	84	18782	2.488	ug/l #	70
78) n-propylbenzene	11.67	91	6524	1.093	ug/l	95
80) 1,3,5-Trimethylbenzene	11.90	105	24515	5.858	ug/l	98
84) 1,2,4-Trimethylbenzene	12.28	105	76030	18.319	ug/l	94
85) sec-Butylbenzene	12.37	105	8880	1.559	ug/l #	68
86) p-Isopropyltoluene	12.53	119	7924m	1.702	ug/l	
95) Naphthalene	14.51	128	2101610	792.156	ug/l #	96

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

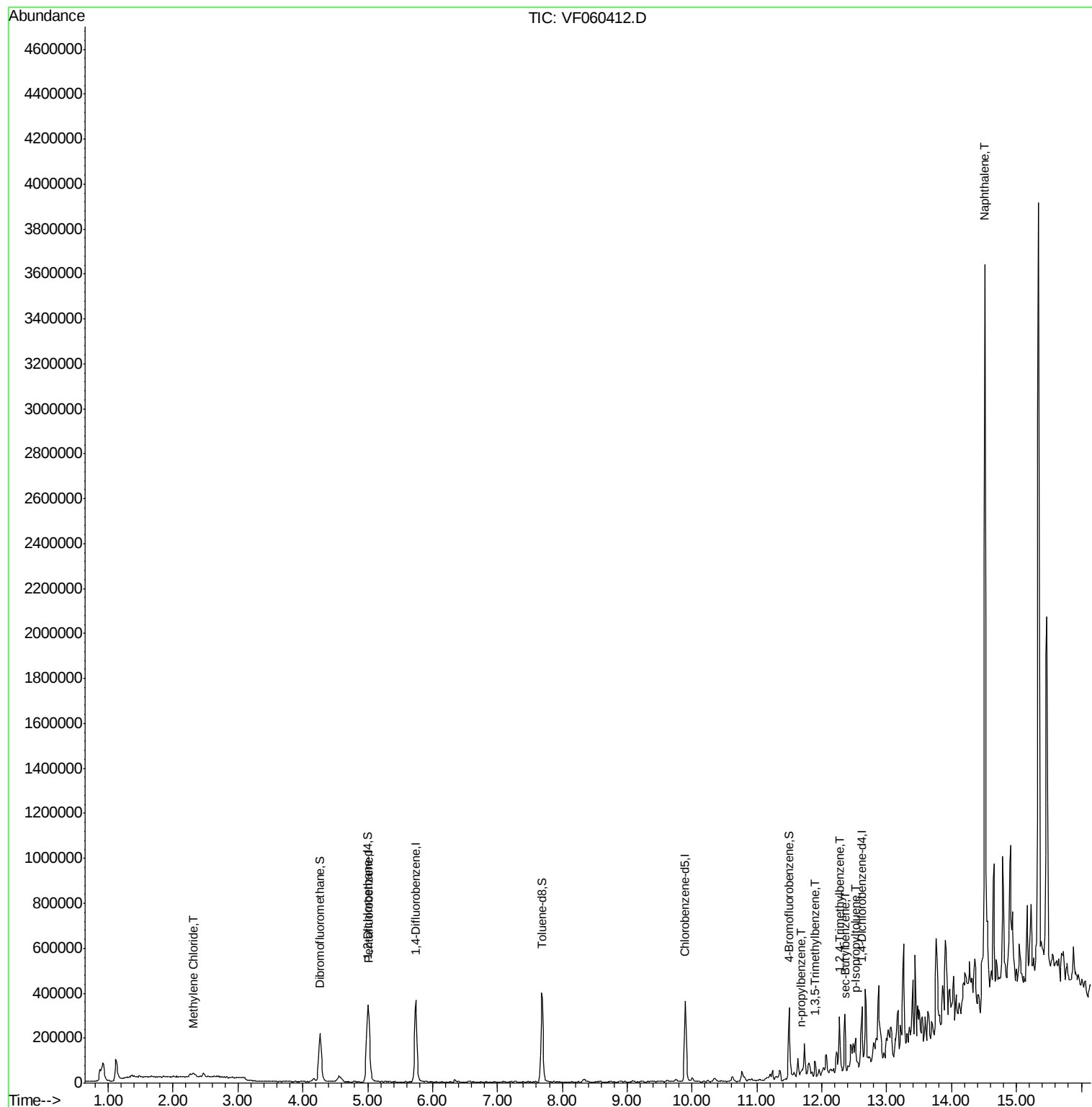
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100218\
Data File : VF060412.D
Acq On : 2 Oct 2018 19:51
Operator : VA/AP
Sample : J5154-02RE
Misc : 5.25/5mL/MSVOA F/SOIL
ALS Vial : 47 Sample Multiplier: 1

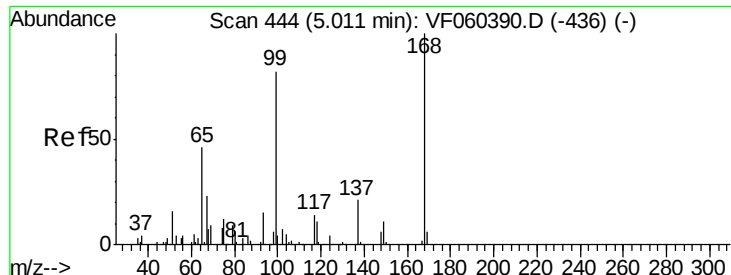
Instrument :
MSVOA_F
Client Sample Id :
OILY-STONESRE

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Quant Time: Oct 03 03:22:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

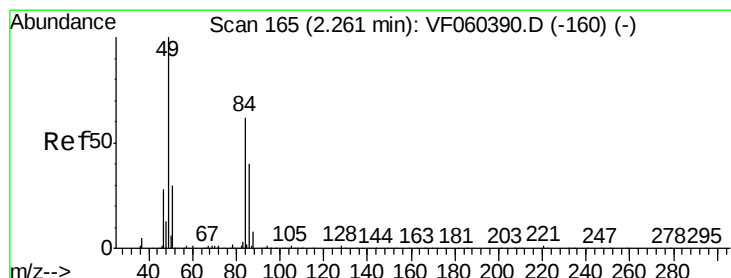
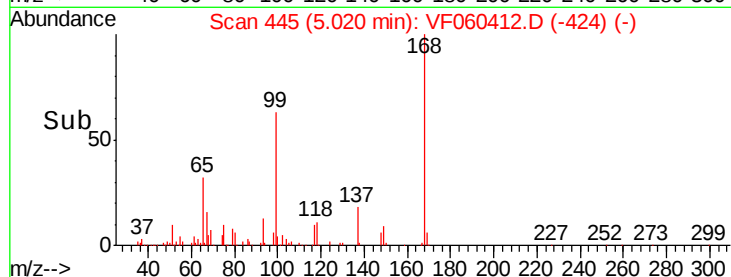
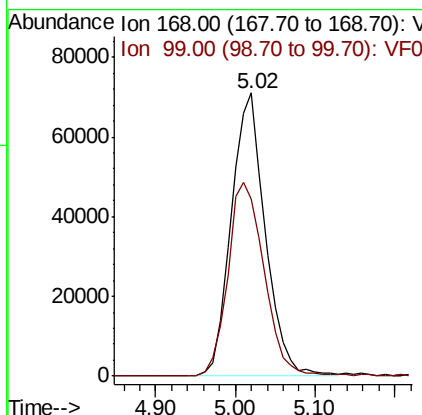
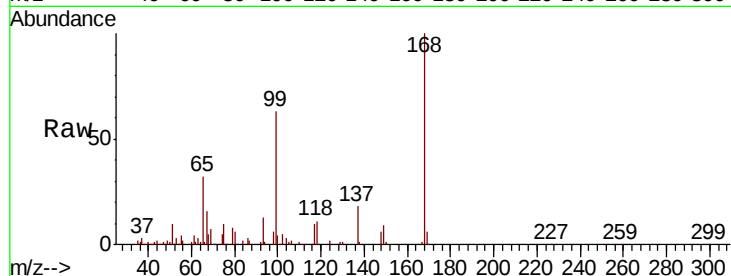
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. 0.01 min
 Lab File: VF060412.D
 Acq: 2 Oct 2018 19:51

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONESRE

Tot Ion	Ratio	Lower	Upper
168	100		
99	62.7	65.3	97.9#

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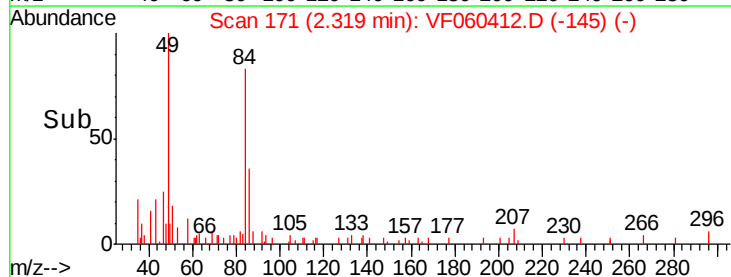
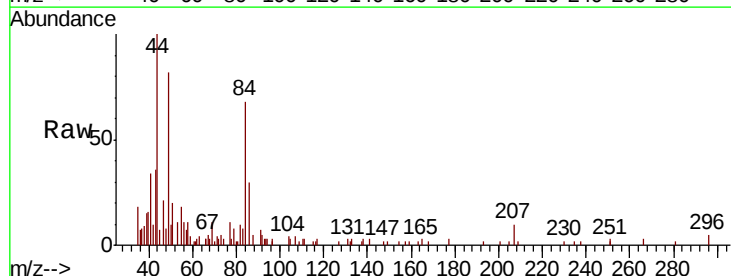
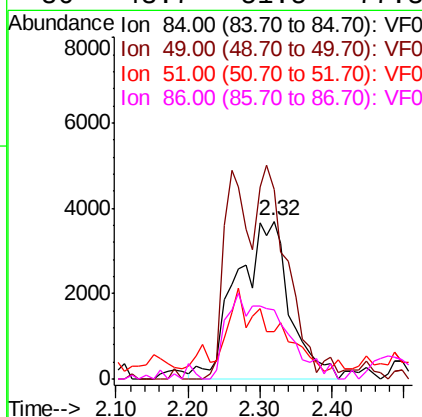
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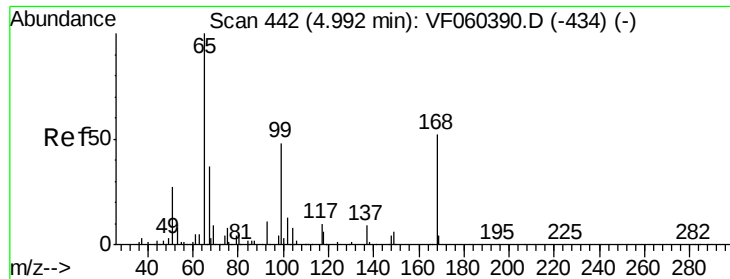


#20

Methylene Chloride
 Concen: 2.488 ug/l
 RT: 2.32 min Scan# 171
 Delta R.T. 0.06 min
 Lab File: VF060412.D
 Acq: 2 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	130.2	195.2#
51	29.8	41.0	61.6#
86	43.7	51.5	77.3#





#33

1,2-Dichloroethane-d4

Concen: 57.205 ug/l

RT: 4.99 min Scan# 442

Delta R.T. -0.00 min

Lab File: VF060412.D

Acq: 2 Oct 2018 19:51

Tot Ion: 65 Resp: 189223

Ion Ratio Lower Upper

65 100

67 44.0 0.0 89.4

Instrument :

MSVOA_F

ClientSampleId :

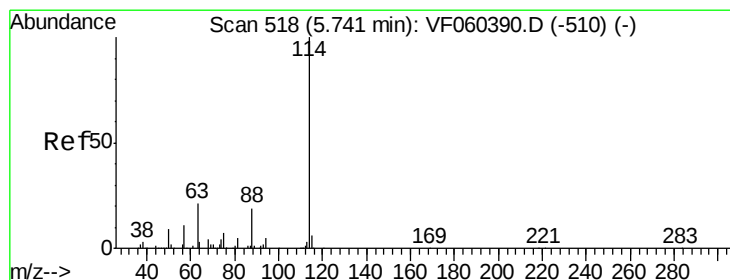
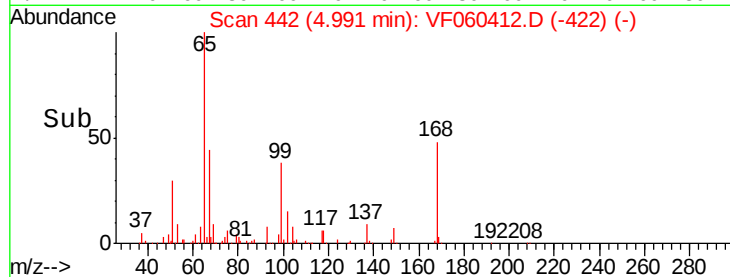
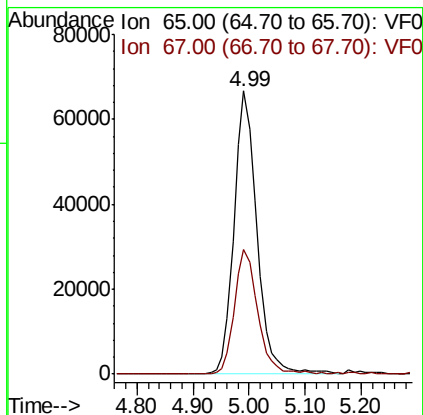
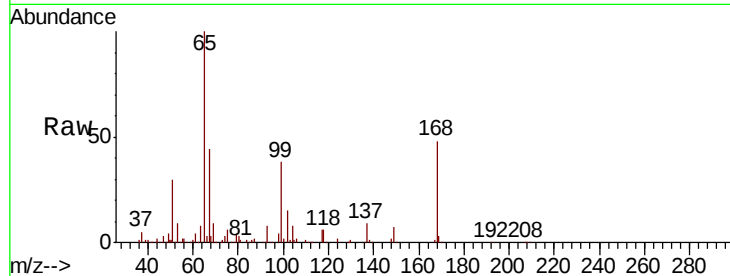
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 518

Delta R.T. -0.00 min

Lab File: VF060412.D

Acq: 2 Oct 2018 19:51

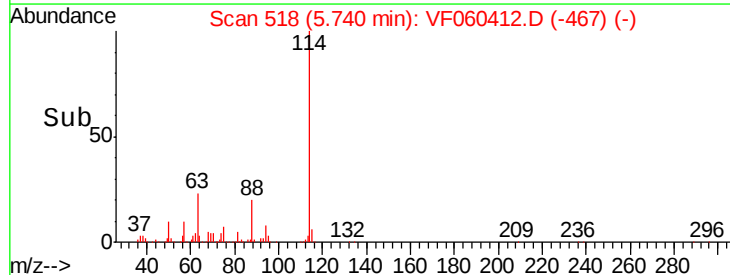
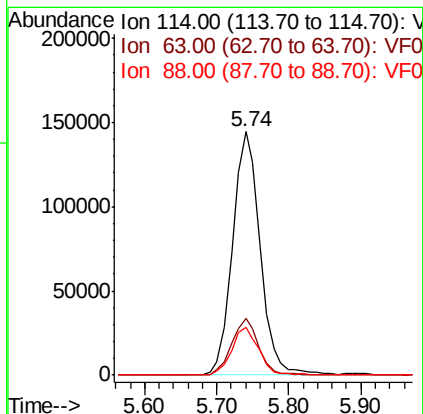
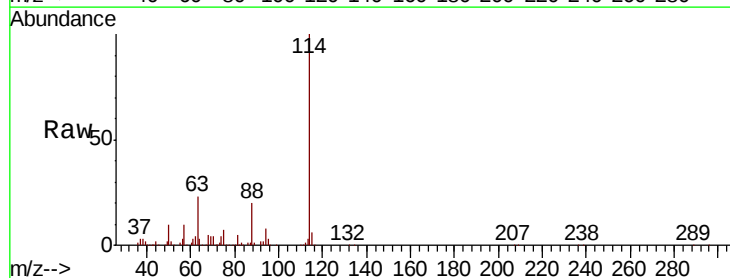
Tgt Ion: 114 Resp: 384998

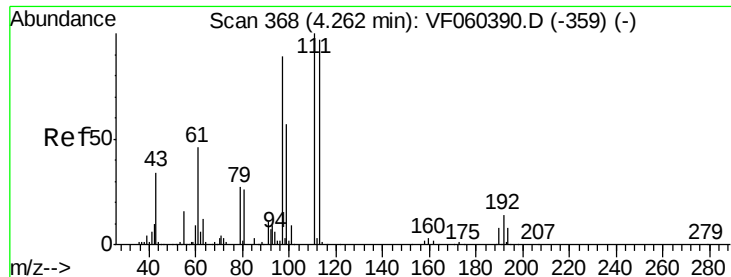
Ion Ratio Lower Upper

114 100

63 23.0 0.0 42.2

88 19.5 0.0 38.8





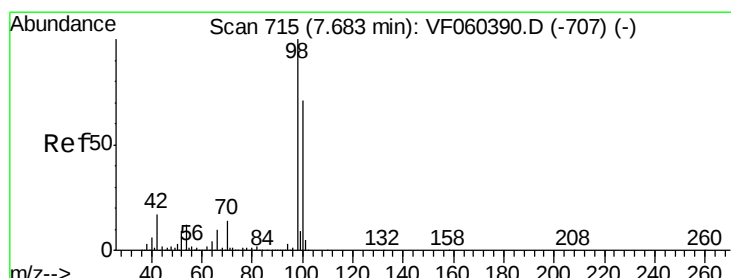
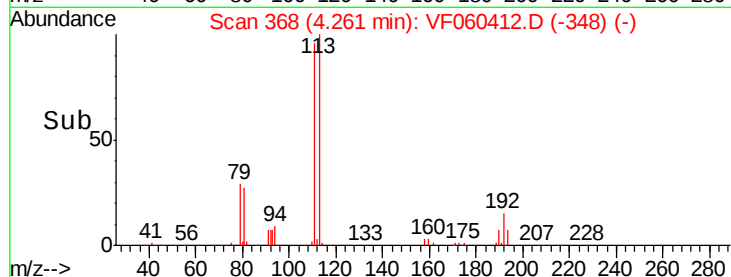
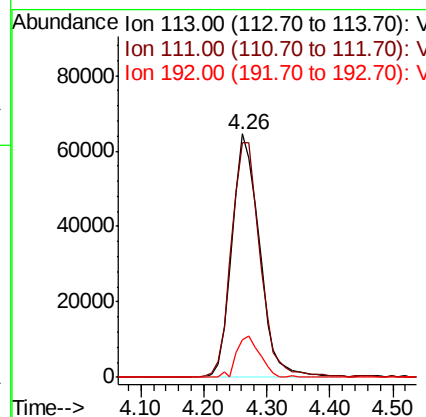
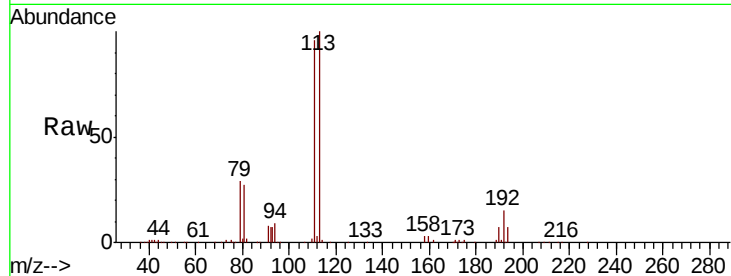
#35
Dibromofluoromethane
Concen: 53.934 ug/l
RT: 4.26 min Scan# 368
Delta R.T. -0.00 min
Lab File: VF060412.D
Acq: 2 Oct 2018 19:51

Instrument :
MSVOA_F
ClientSampleId :
OILY-STONESRE

Tot Ion	Ratio	Lower	Upper
113	100		
111	96.4	82.3	123.5
192	15.2	11.8	17.6

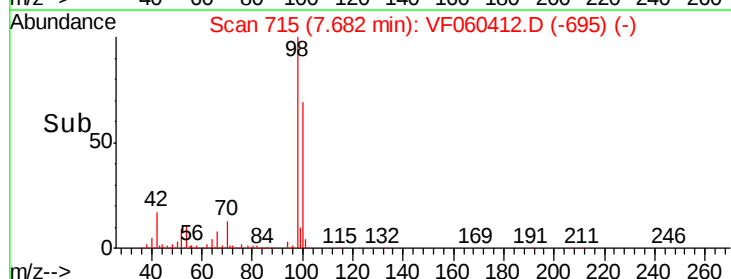
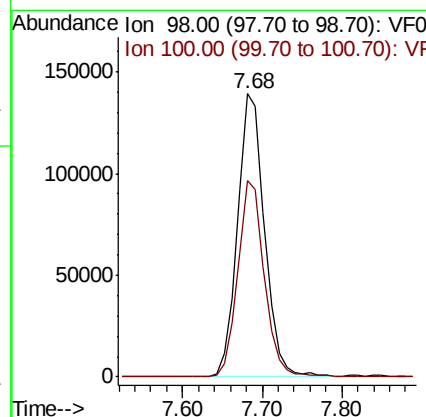
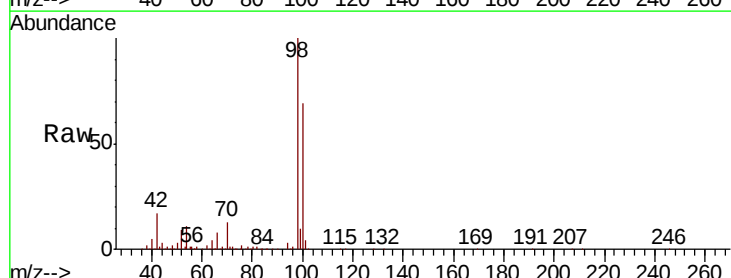
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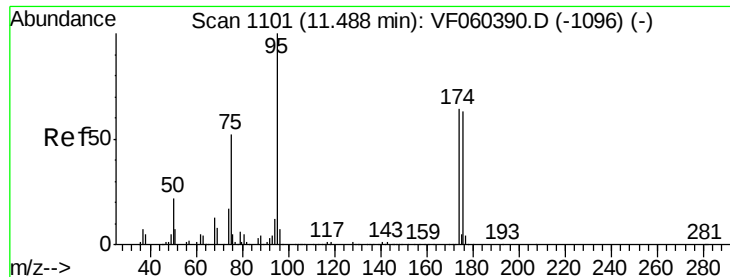
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#50
Toluene-d8
Concen: 36.989 ug/l
RT: 7.68 min Scan# 715
Delta R.T. -0.00 min
Lab File: VF060412.D
Acq: 2 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.2	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 27.358 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF060412.D

Acq: 2 Oct 2018 19:51

Instrument :

MSVOA_F

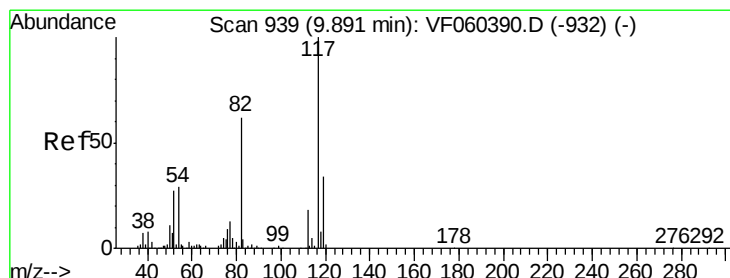
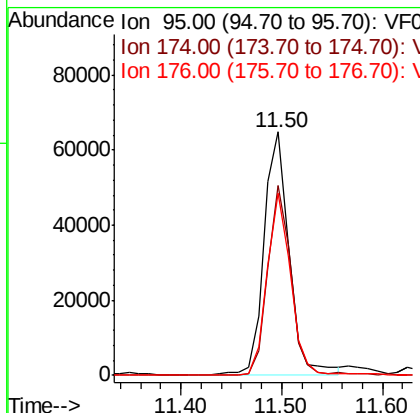
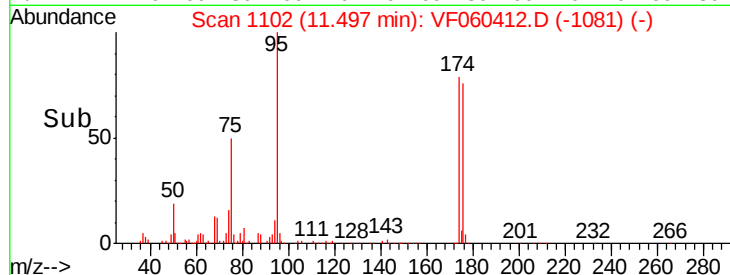
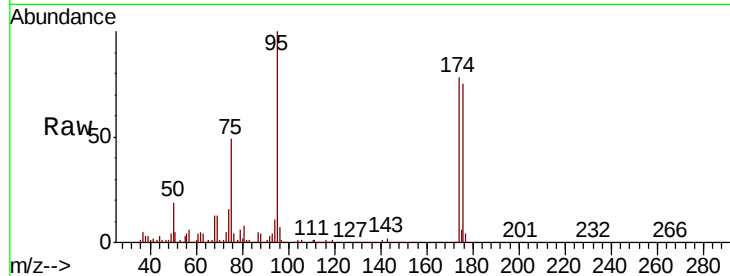
ClientSampleId :

OILY-STONESRE

Tot Ion:	95	Resp:	111267
Ion Ratio	Lower	Upper	
95	100		
174	78.1	0.0	129.0
176	75.0	0.0	125.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

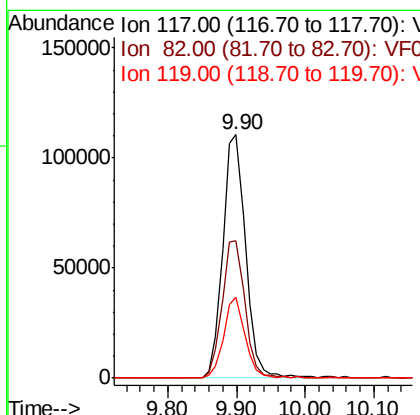
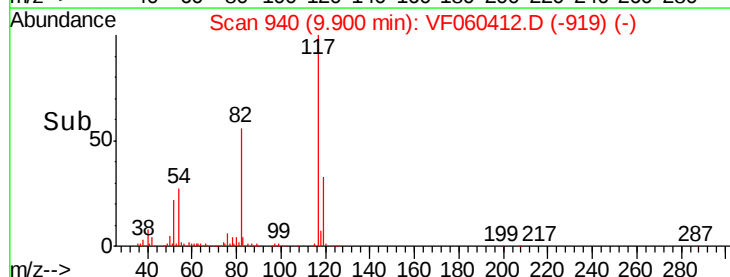
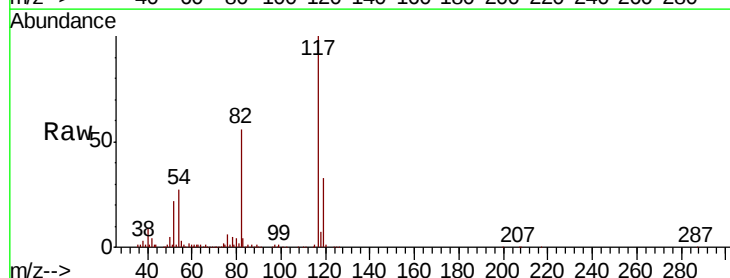
RT: 9.90 min Scan# 940

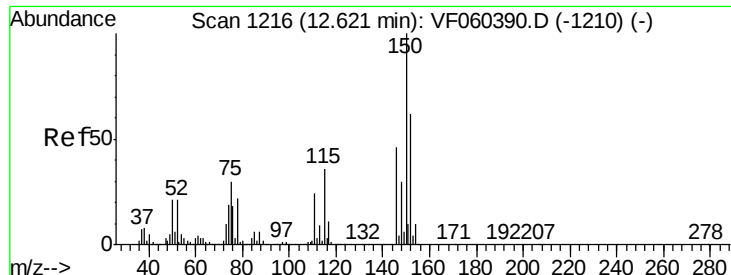
Delta R.T. 0.01 min

Lab File: VF060412.D

Acq: 2 Oct 2018 19:51

Tgt Ion:	117	Resp:	254043
Ion Ratio	Lower	Upper	
117	100		
82	56.4	49.5	74.3
119	33.3	27.0	40.6





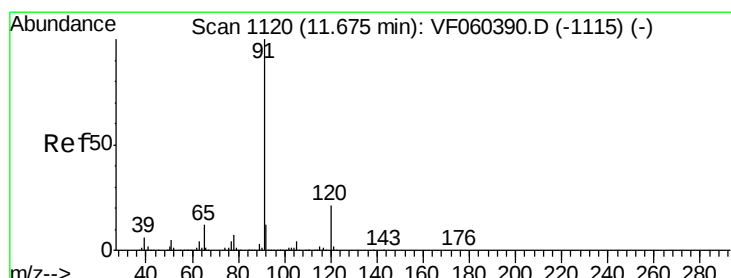
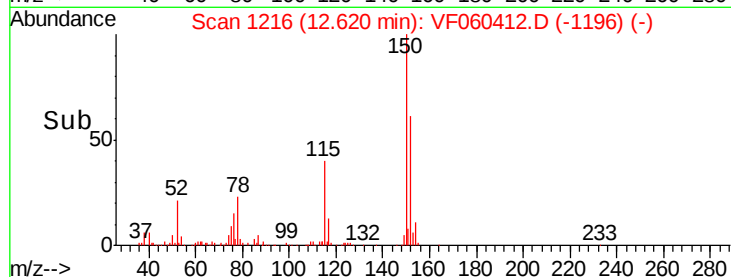
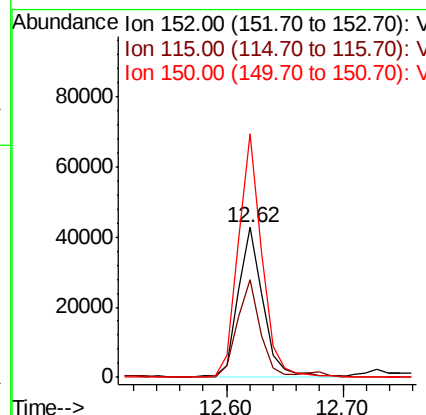
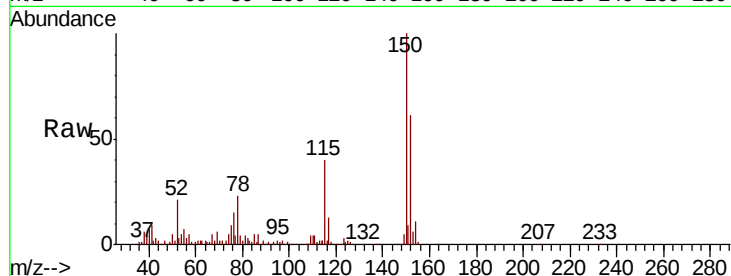
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.62 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: VF060412.D
 Acq: 2 Oct 2018 19:51

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONESRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.4	28.6	85.8
150	162.7	0.0	324.6

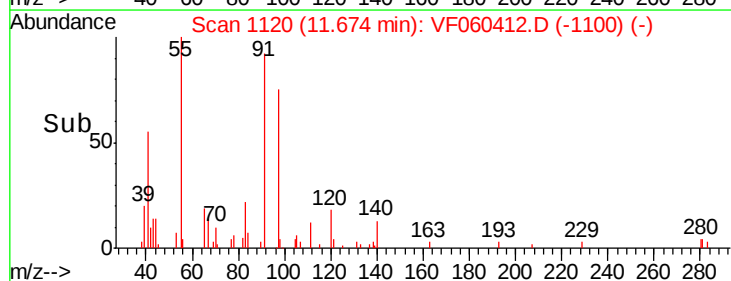
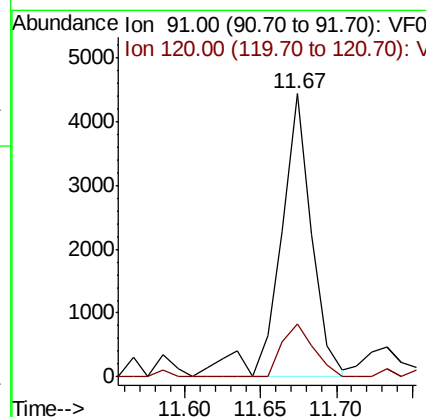
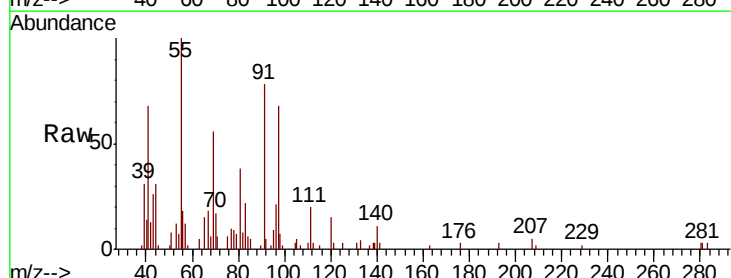
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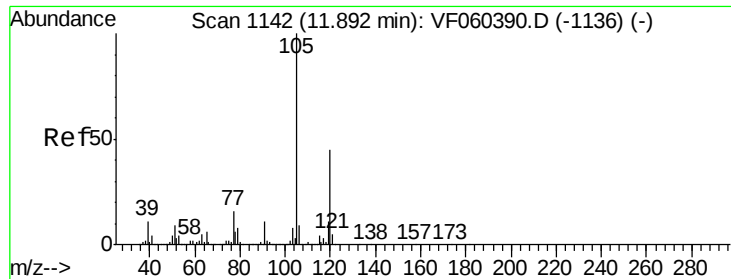
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#78
 n-propylbenzene
 Concen: 1.093 ug/l
 RT: 11.67 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: VF060412.D
 Acq: 2 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	18.8	10.5	31.6





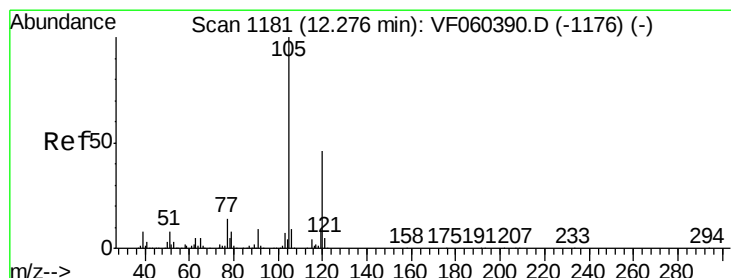
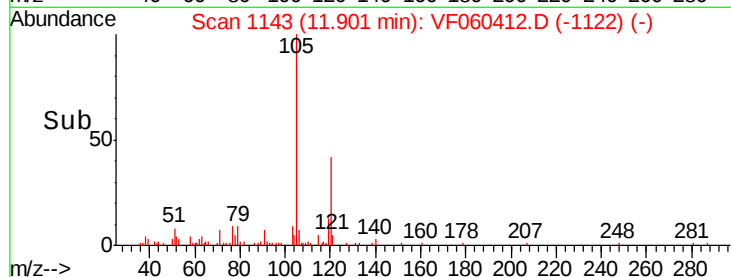
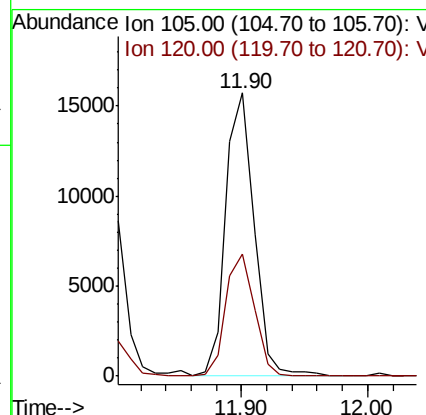
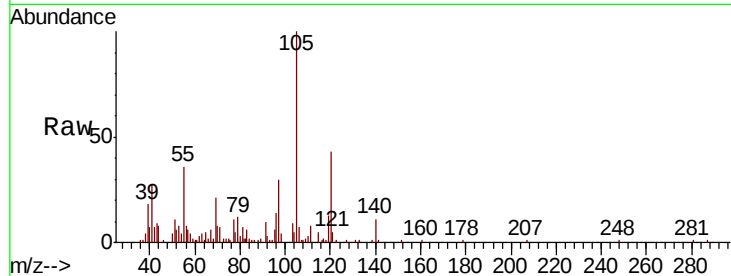
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 1,3,5-Trimethylbenzene
 Concen: 5.858 ug/l
 RT: 11.90 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VF060412.D
 Acq: 2 Oct 2018 19:51

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONESRE

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.3	66.9

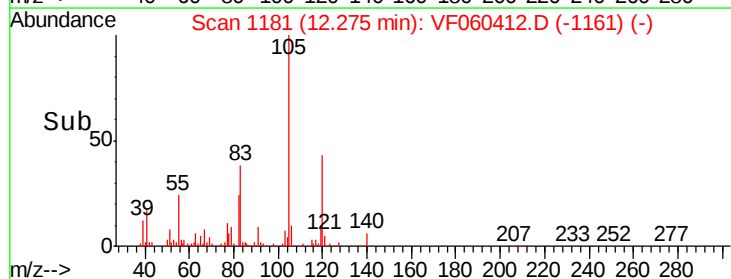
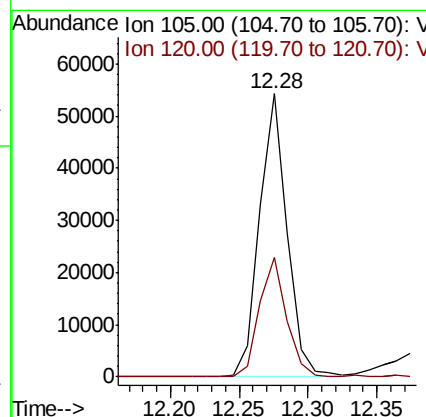
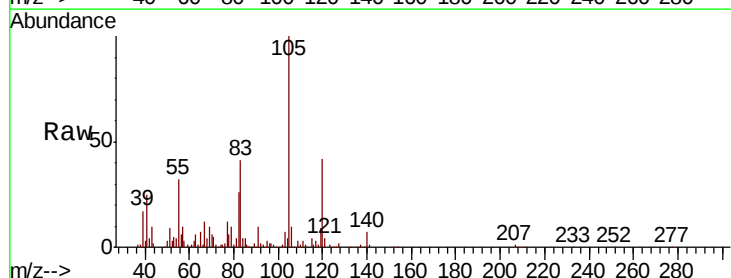
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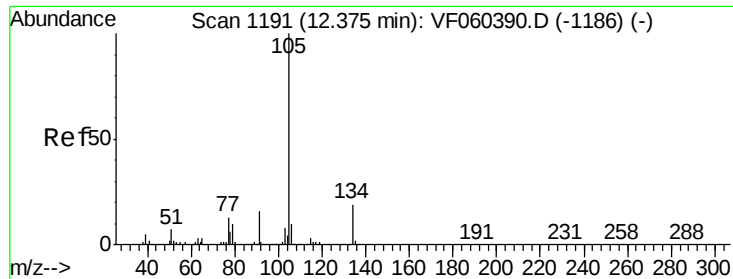
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.319 ug/l
 RT: 12.28 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VF060412.D
 Acq: 2 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.2	23.1	69.2





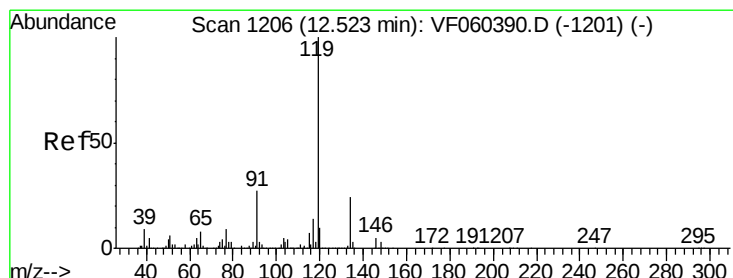
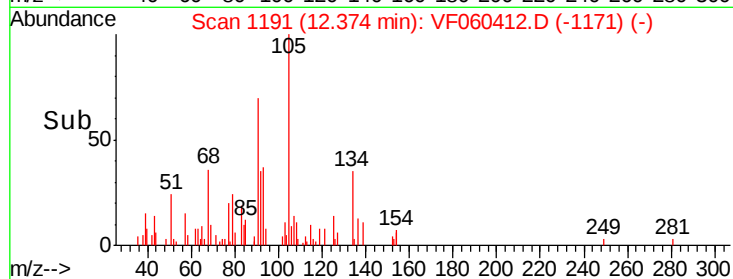
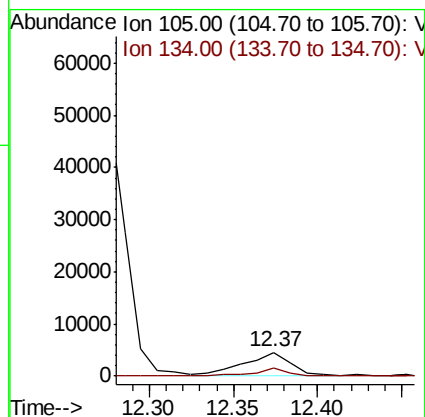
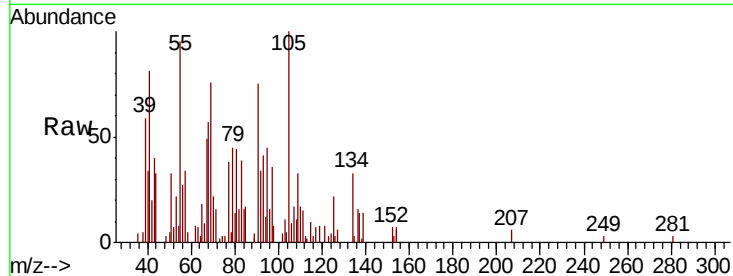
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 sec-Butylbenzene
 Concen: 1.559 ug/l
 RT: 12.37 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VF060412.D
 Acq: 2 Oct 2018 19:51

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONESRE

Tot Ion	Ratio	Lower	Upper
105	100		
134	33.1	9.4	28.3#

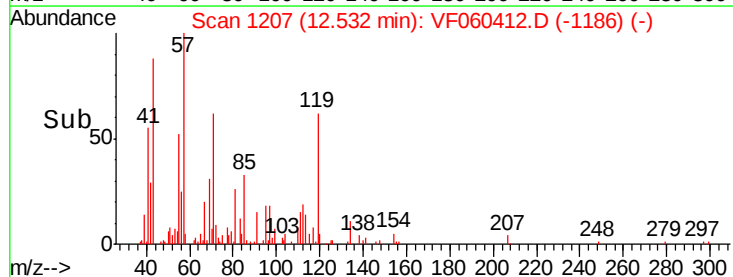
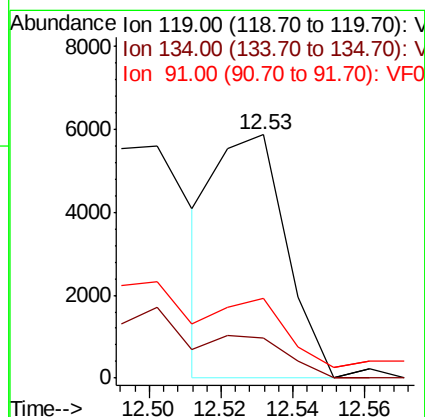
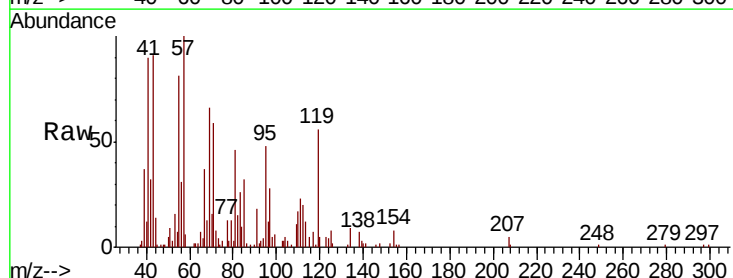
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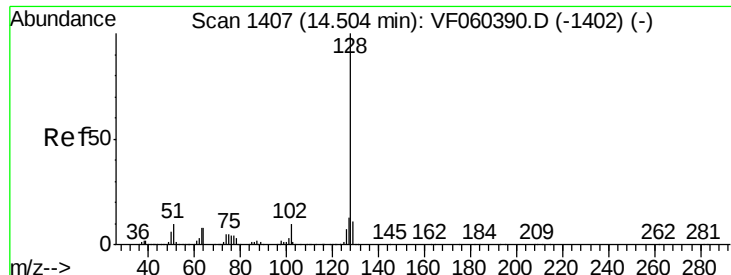
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#86
 p-Isopropyltoluene
 Concen: 1.702 ug/l m
 RT: 12.53 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: VF060412.D
 Acq: 2 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	16.6	12.3	36.8
91	32.9	13.5	40.4





#95
Naphthalene
Concen: 792.156 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. 0.01 min
Lab File: VF060412.D
Acq: 2 Oct 2018 19:51

Instrument :
MSVOA_F
ClientSampleId :
OILY-STONESRE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	13.4	8.7	13.1

Manual Integrations
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