

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121820\
 Data File : Vw017671.D
 Acq On : 18 Dec 2020 13:05
 Operator : SY/VA
 Sample : L5126-01
 Misc : 3.86G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20071-OILY-DEBRIS-GRAB

Quant Time: Dec 19 00:11:22 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

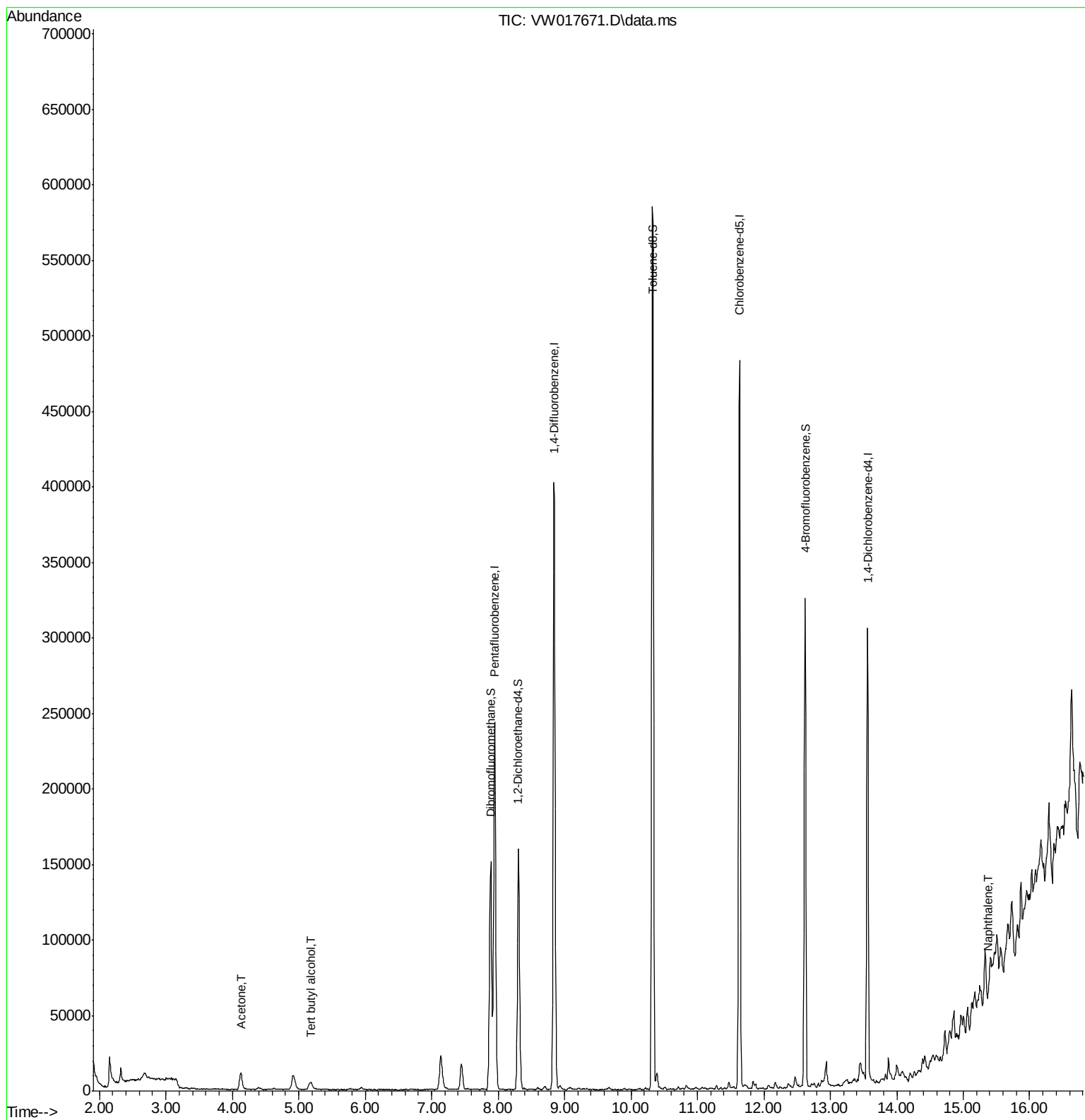
Internal Standards						
1) Pentafluorobenzene	7.945	168	171750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	333570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	249697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	67878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	125322	59.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.80%	
35) Dibromofluoromethane	7.884	113	107872	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.323	98	382134	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	
62) 4-Bromofluorobenzene	12.621	95	99812	32.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.06%	
Target Compounds						
11) Tert butyl alcohol	5.184	59	10220	28.48	ug/l #	80
16) Acetone	4.129	43	20894	45.90	ug/l	91
95) Naphthalene	15.371	128	3530	1.32	ug/l #	74

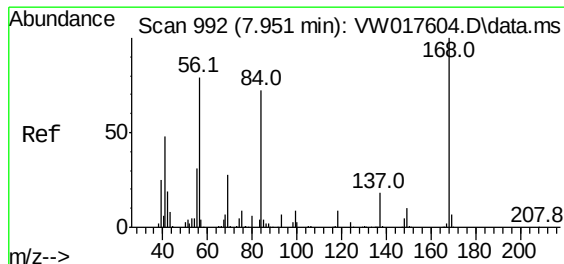
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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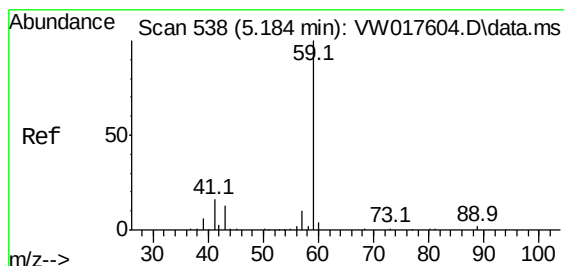
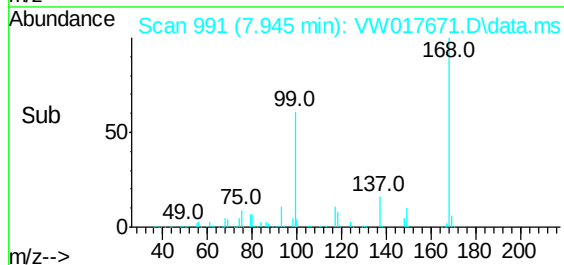
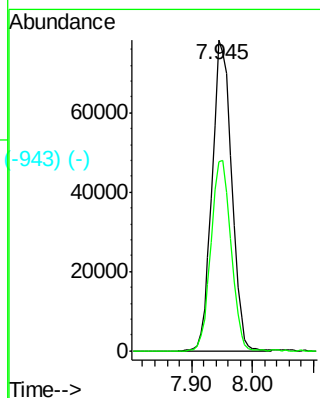
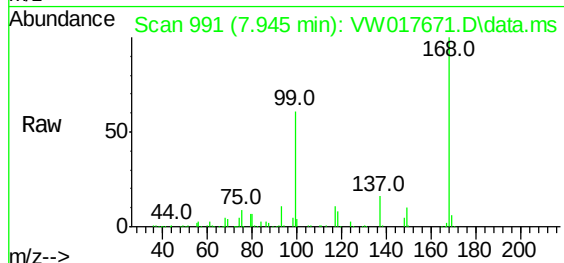




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017671.D
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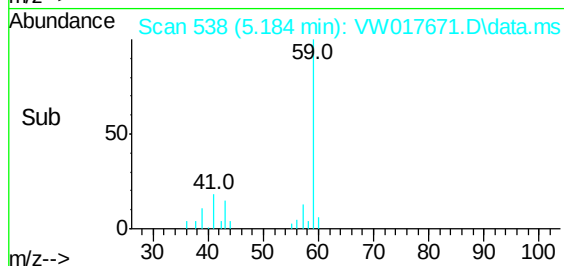
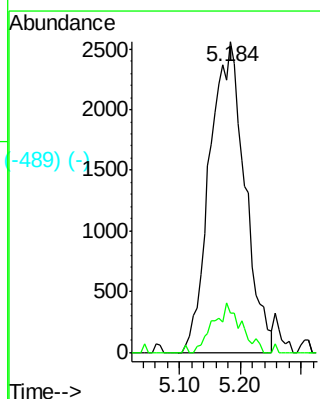
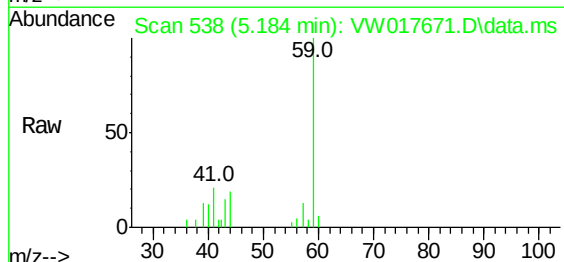
Instrument :
MSVOA_W
ClientSampleId :
20071-OILY-DEBRIS-GRAB

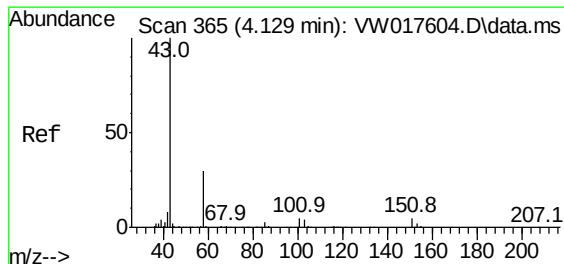
Tgt Ion:168 Resp: 171750
Ion Ratio Lower Upper
168 100
99 61.0 40.7 61.1



Tert butyl alcohol
Concen: 28.48 ug/l
RT: 5.184 min Scan# 538
Delta R.T. -0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion: 59 Resp: 10220
Ion Ratio Lower Upper
59 100
57 12.6 4.7 7.1#

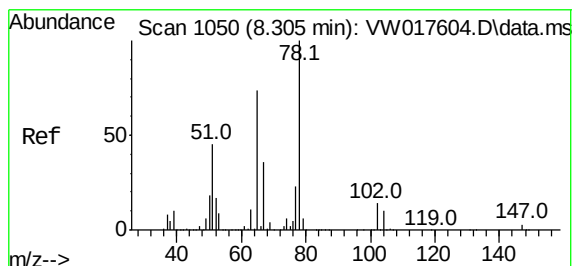
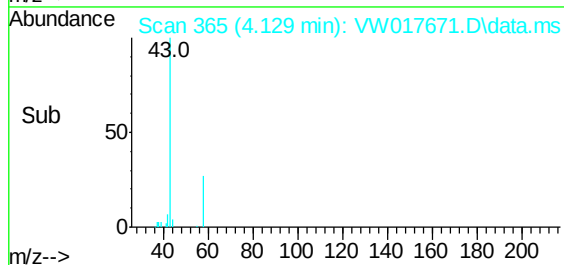
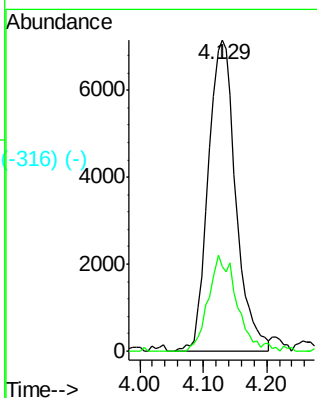
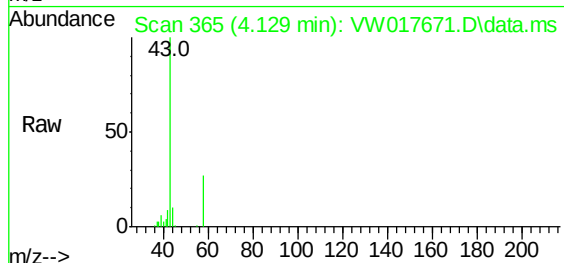




#16 (-)
Acetone
Concen: 45.90 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

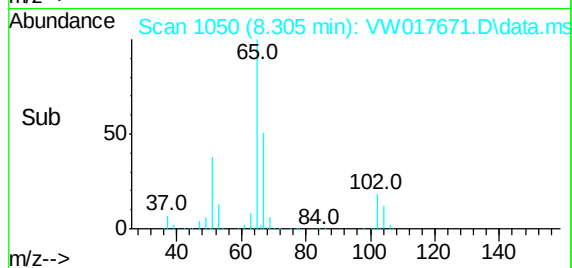
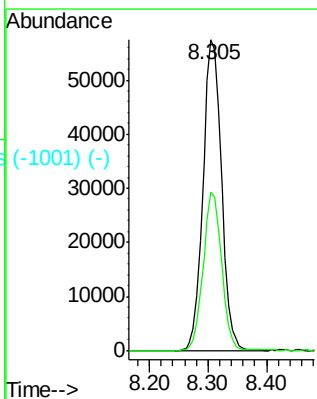
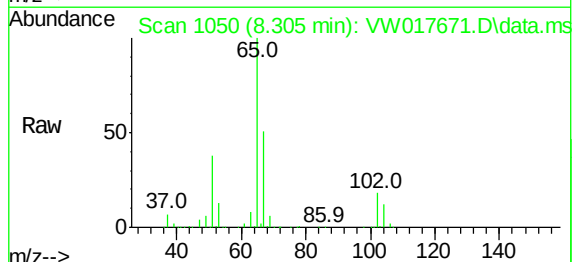
Instrument :
MSVOA_W
ClientSampleId :
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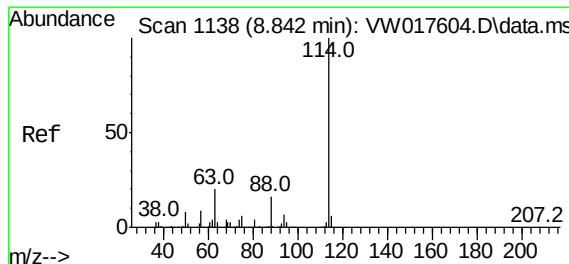
Tgt Ion: 43 Resp: 20894
Ion Ratio Lower Upper
43 100
58 26.9 25.7 38.5



#184 (-)
1,2-Dichloroethane-d4
Concen: 59.90 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion: 65 Resp: 125322
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.8

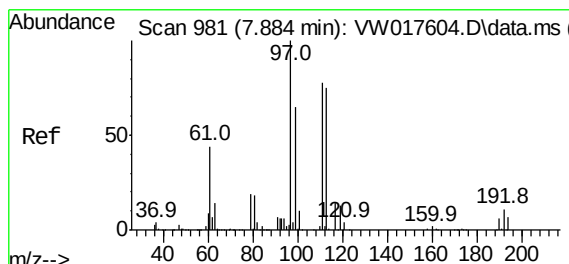
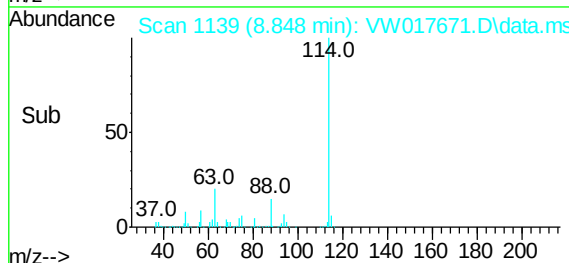
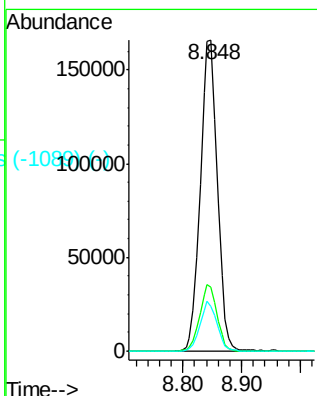
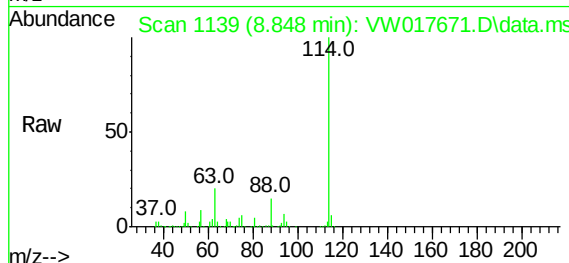




#948 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

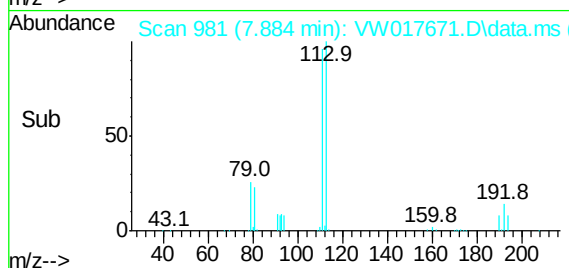
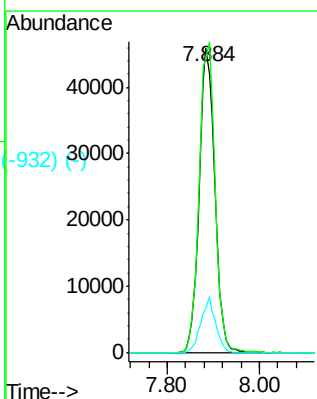
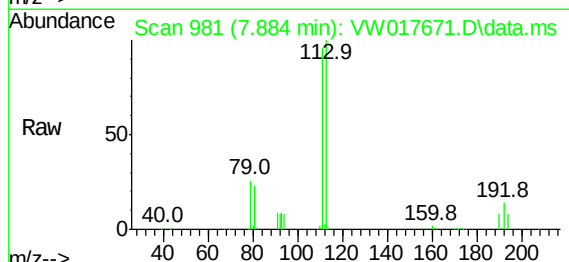
Instrument :
MSVOA_W
ClientSampleId :
20071-OILY-DEBRIS-GRAB

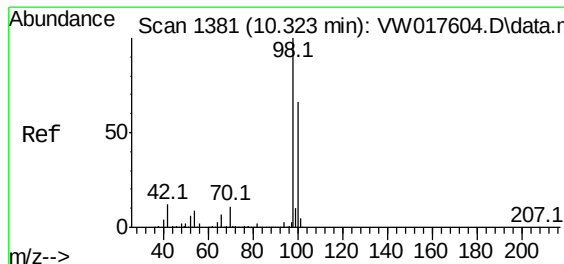
Tgt Ion:	114	Resp:	333570
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	35.6
88	14.5	0.0	30.4



#949 (-)
Dibromofluoromethane
Concen: 48.87 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

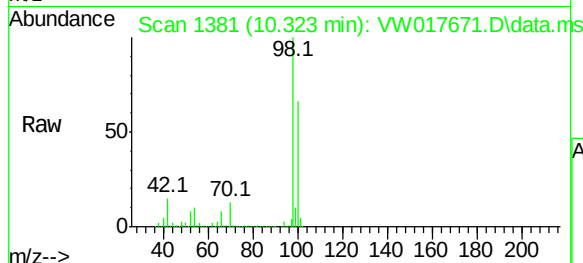
Tgt Ion:	113	Resp:	107872
Ion Ratio	Lower	Upper	
113	100		
111	104.0	81.4	122.2
192	16.8	17.8	26.8#



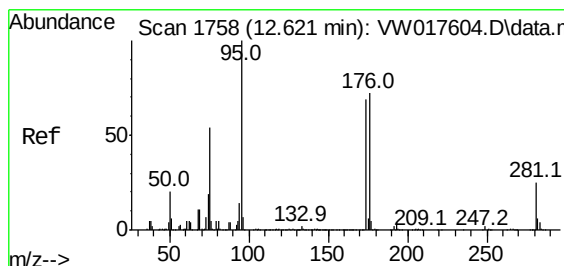
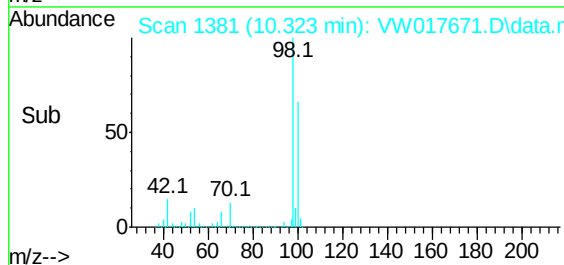
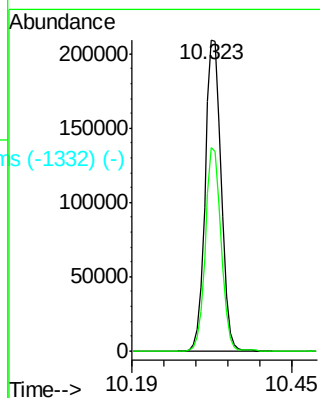


#50
Toluene-d8
Concen: 44.46 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Instrument :
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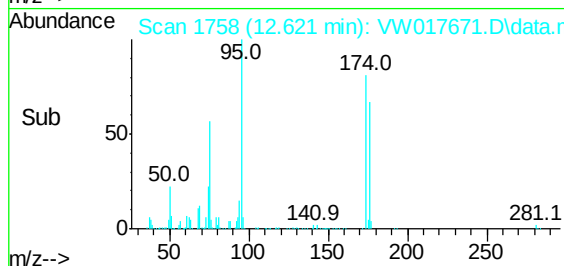
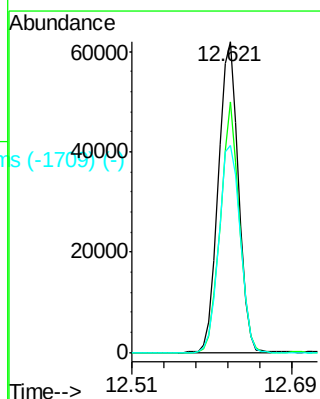
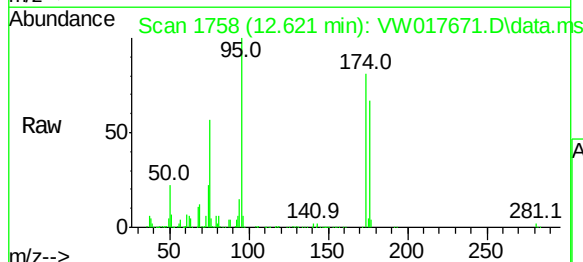


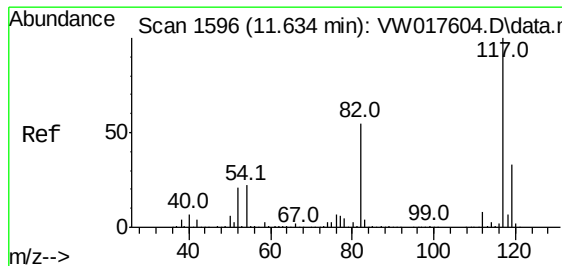
Tgt Ion: 98 Resp: 382134
Ion Ratio Lower Upper
98 100
100 64.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 32.53 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion: 95 Resp: 99812
Ion Ratio Lower Upper
95 100
174 75.8 0.0 180.6
176 71.5 0.0 177.6

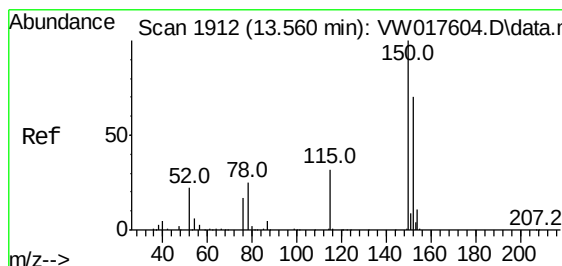
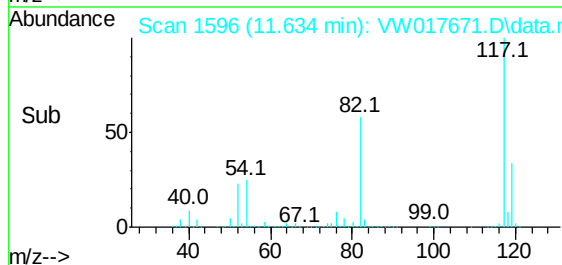
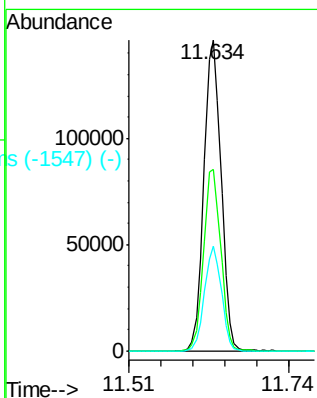
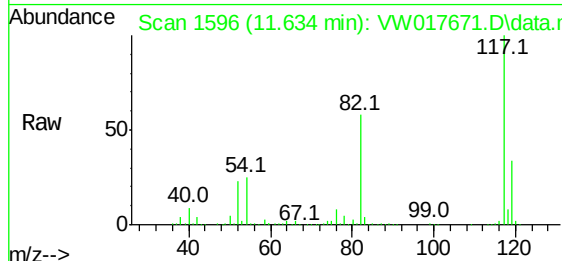




#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

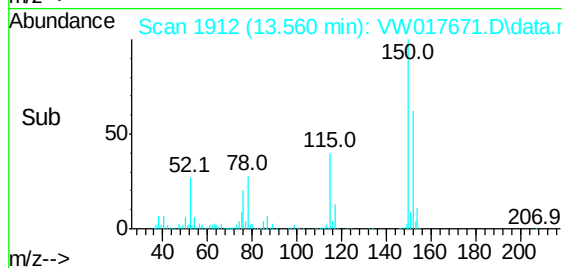
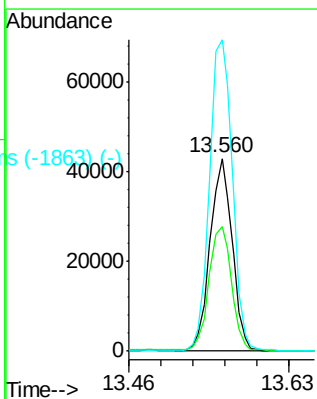
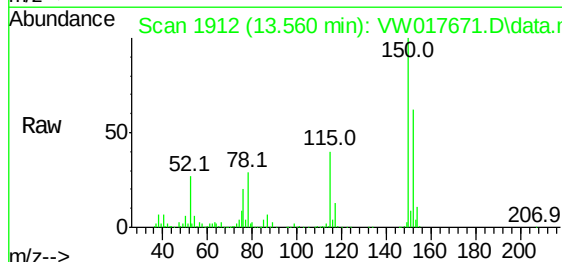
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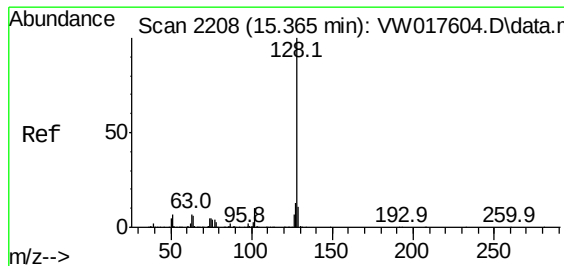
Tgt Ion:117 Resp: 249697
Ion Ratio Lower Upper
117 100
82 58.2 40.7 61.1
119 33.6 25.0 37.4



#7204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion:152 Resp: 67878
Ion Ratio Lower Upper
152 100
115 65.8 27.9 83.7
150 167.1 0.0 344.0





#2199 (-)
Naphthalene
Concen: 1.32 ug/l
RT: 15.371 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Instrument :
MSVOA_W
ClientSampleId :
20071-OILY-DEBRIS-GRAB

Tgt Ion:128 Resp: 3530
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 17.4 8.6 12.8#

