

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121820\
 Data File : Vw017678.D
 Acq On : 18 Dec 2020 16:02
 Operator : SY/VA
 Sample : L5126-01RE
 Misc : 3.98G/5ML/MSVOA_w/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Quant Time: Dec 19 00:13:28 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	7.951	168	124181	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.847	114	239287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	128976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	22848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	106229	70.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.46%	
35) Dibromofluoromethane	7.884	113	84834	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
50) Toluene-d8	10.329	98	223254	36.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.42%	
62) 4-Bromofluorobenzene	12.615	95	43581	19.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.60%	
Target Compounds						
11) Tert butyl alcohol	5.214	59	9600m	54.90	ug/l	Qvalue
16) Acetone	4.141	43	15907	48.33	ug/l #	78
17) Carbon Disulfide	4.391	76	8983	2.19	ug/l #	93
52) Toluene	10.390	92	10525	2.43	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	2002	1.31	ug/l	83
84) 1,2,4-Trimethylbenzene	13.249	105	3970	2.64	ug/l	91
86) p-Isopropyltoluene	13.493	119	2584	1.56	ug/l #	80
95) Naphthalene	15.365	128	3494	3.90	ug/l #	31

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

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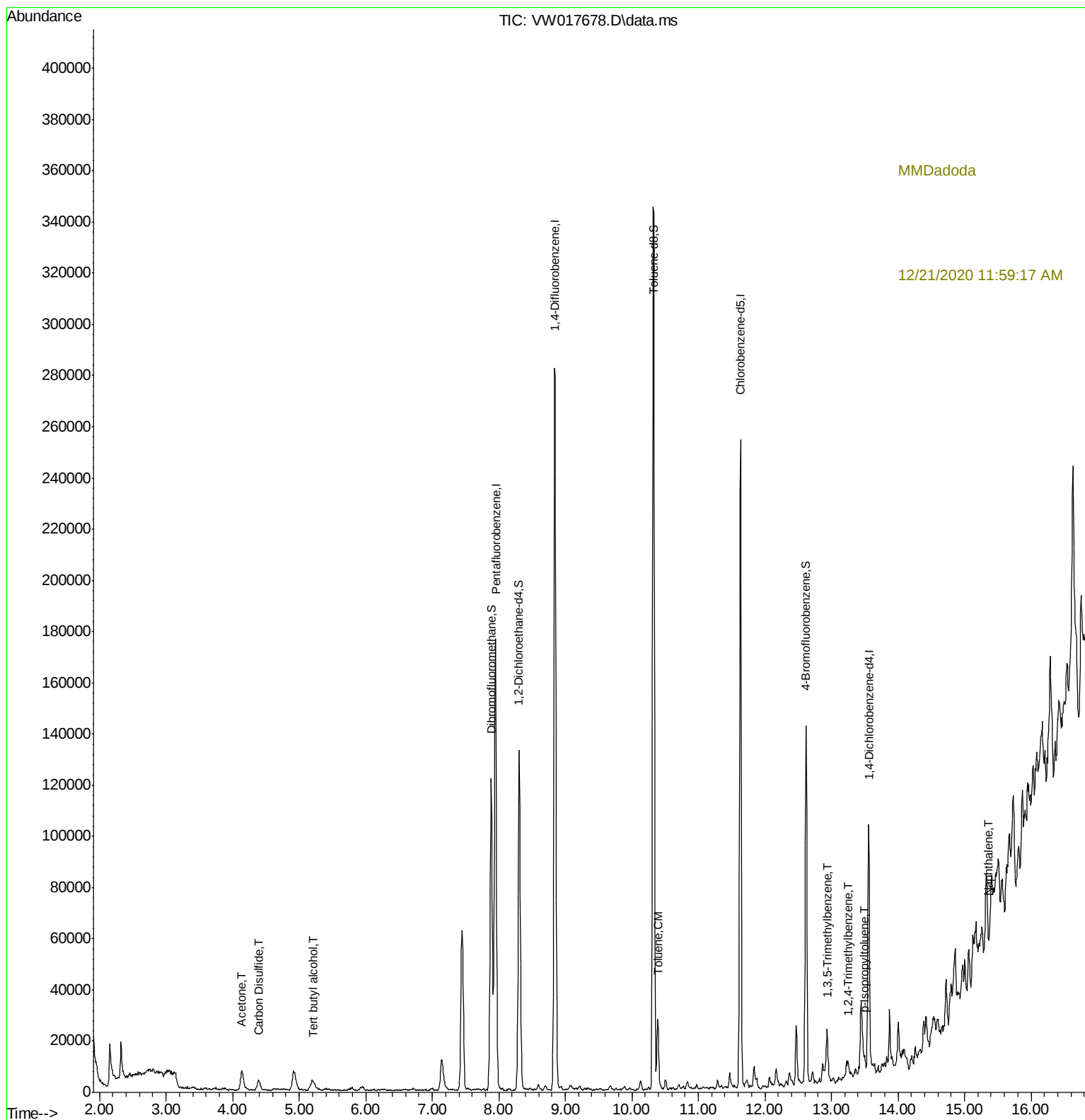
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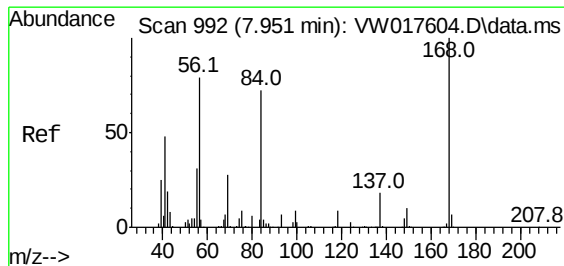
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Response via : Initial Calibration



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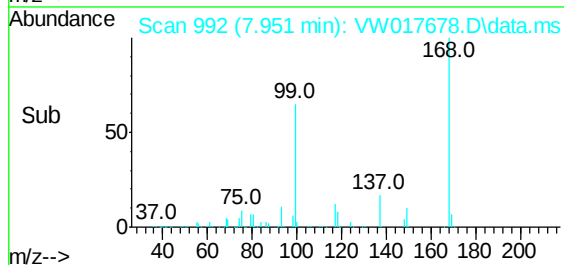
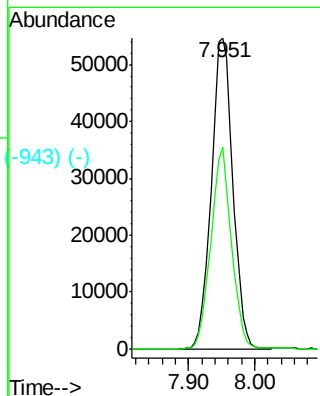
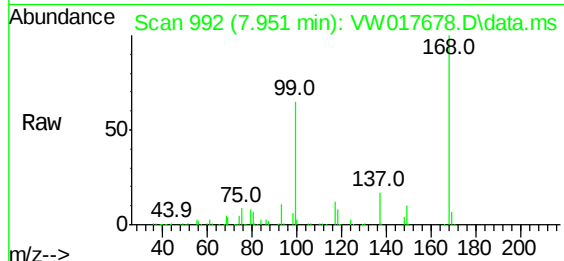


Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.951 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VW017678.D
 Acq: 18 Dec 2020 16:02

Tgt Ion:168 Resp: 124181
 Ion Ratio Lower Upper
 168 100
 99 64.8 40.7 61.1#

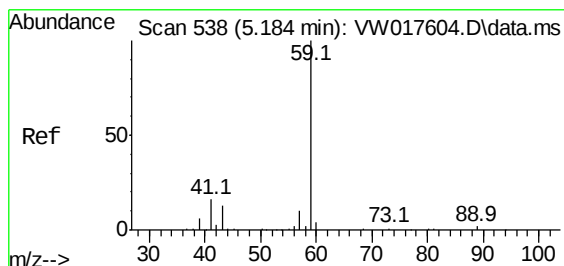
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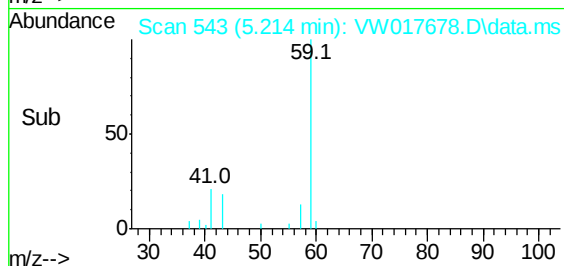
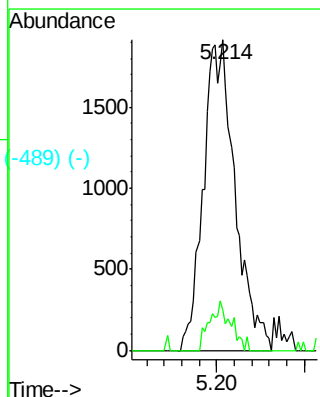
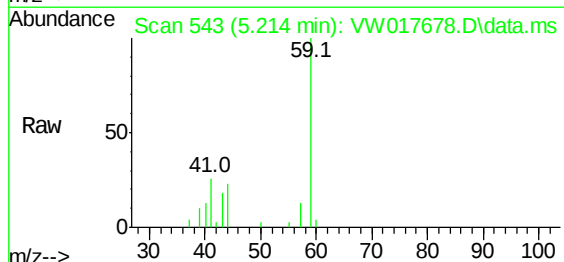
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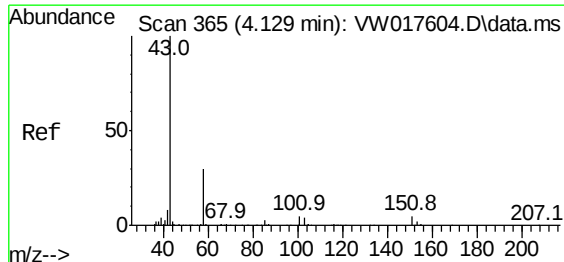
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Tert butyl alcohol
 Concen: 54.90 ug/l m
 RT: 5.214 min Scan# 543
 Delta R.T. 0.030 min
 Lab File: VW017678.D
 Acq: 18 Dec 2020 16:02

Tgt Ion: 59 Resp: 9600
 Ion Ratio Lower Upper
 59 100
 57 10.4 4.7 7.1#



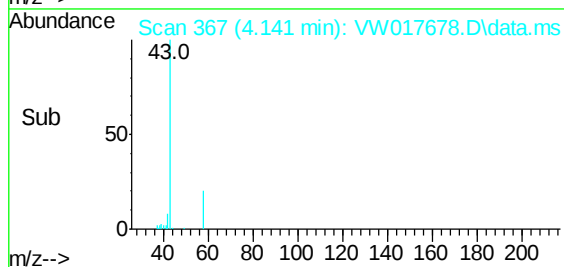
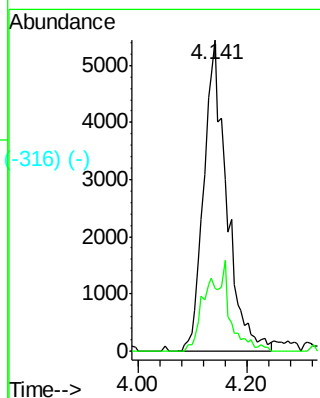
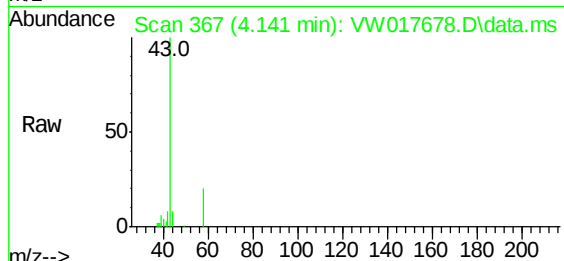


Acetone
Concen: 48.33 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW017678.D
Acq: 18 Dec 2020 16:02

Tgt Ion: 43 Resp: 15907
Ion Ratio Lower Upper
43 100
58 20.1 25.7 38.5#

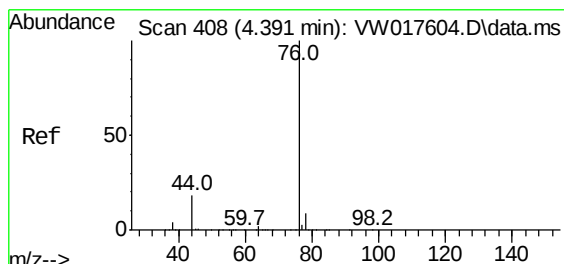
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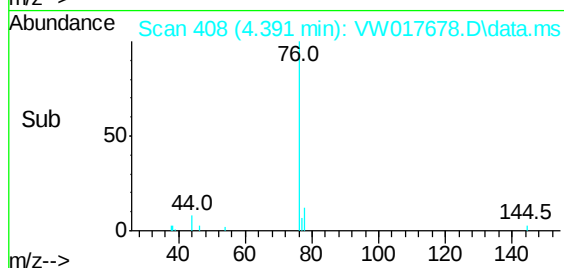
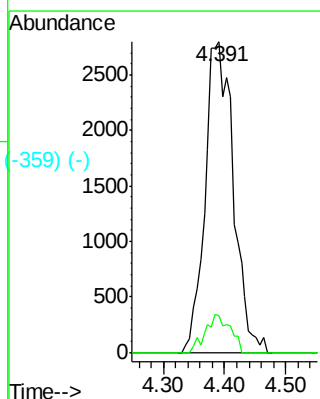
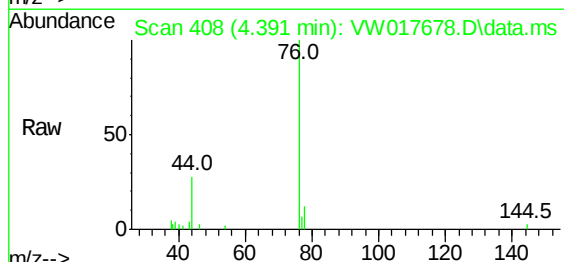
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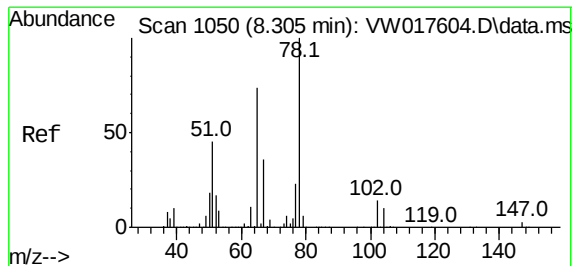
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Carbon Disulfide
Concen: 2.19 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW017678.D
Acq: 18 Dec 2020 16:02

Tgt Ion: 76 Resp: 8983
Ion Ratio Lower Upper
76 100
78 11.8 7.4 11.2#



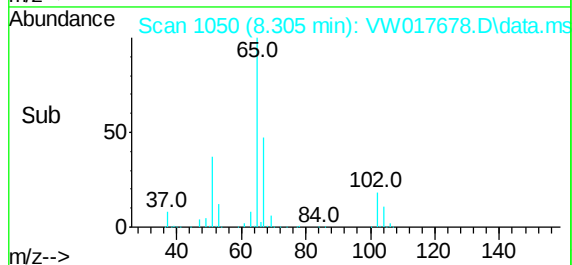
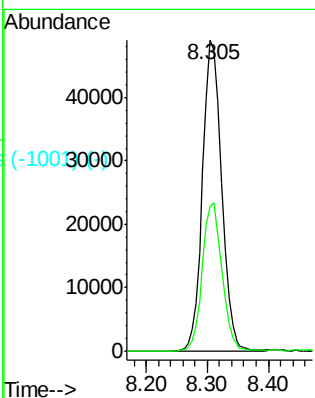
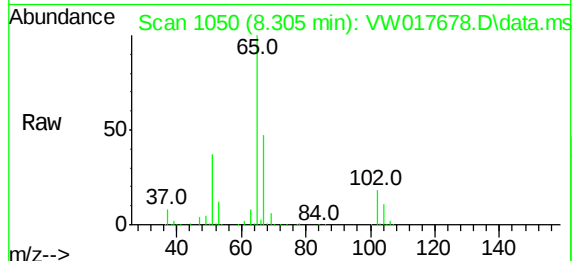


(#1084) (-)
 1,2-Dichloroethane-d4
 Concen: 70.23 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VW017678.D
 Acq: 18 Dec 2020 16:02

Tgt Ion: 65 Resp: 106229
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 103.8

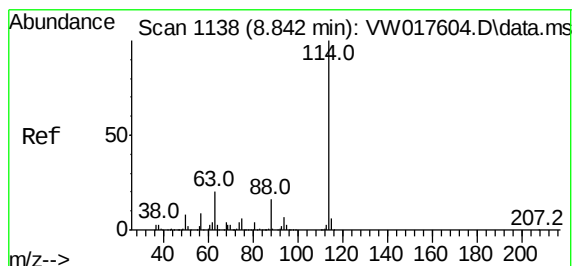
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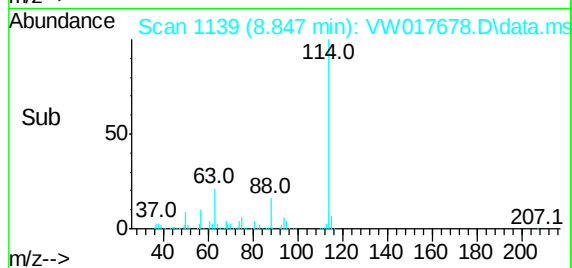
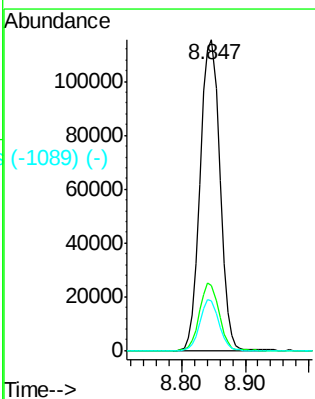
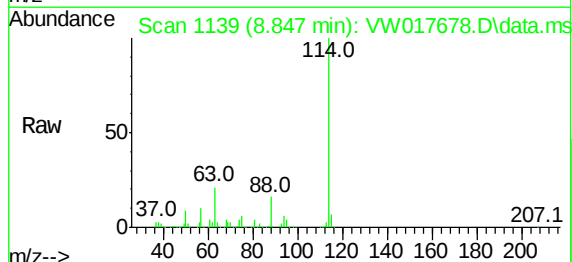
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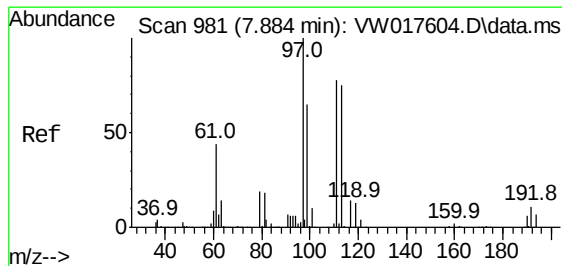
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(#1128) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.847 min Scan# 1139
 Delta R.T. 0.005 min
 Lab File: VW017678.D
 Acq: 18 Dec 2020 16:02

Tgt Ion:114 Resp: 239287
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 35.6
 88 16.0 0.0 30.4



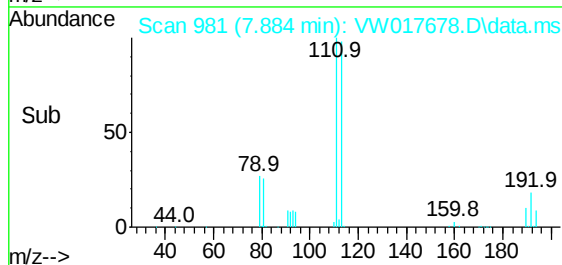
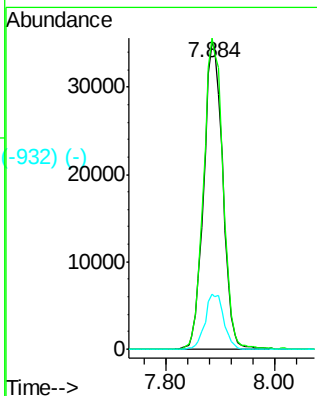
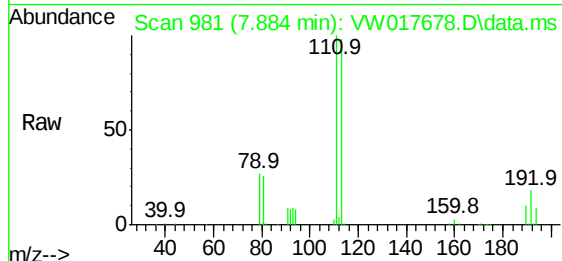


#935 (-)
Dibromofluoromethane
Concen: 53.57 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017678.D
Acq: 18 Dec 2020 16:02

Tgt Ion:	113	Resp:	84834
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.4	122.2
192	17.3	17.8	26.8#

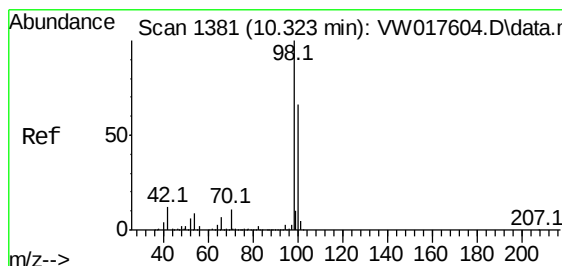
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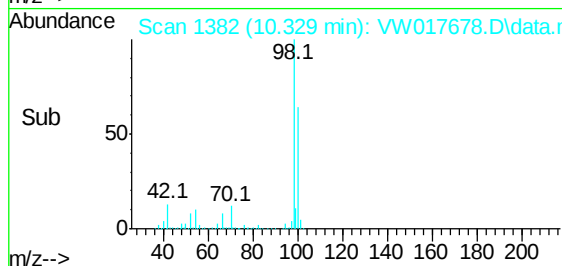
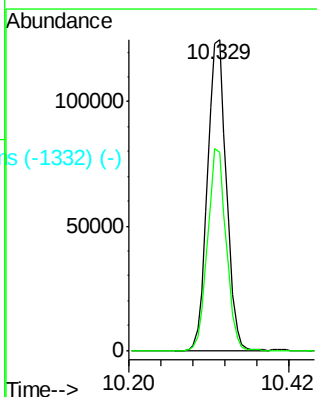
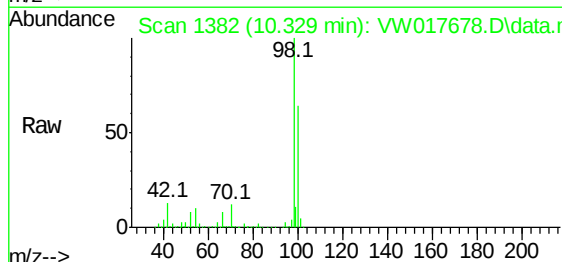
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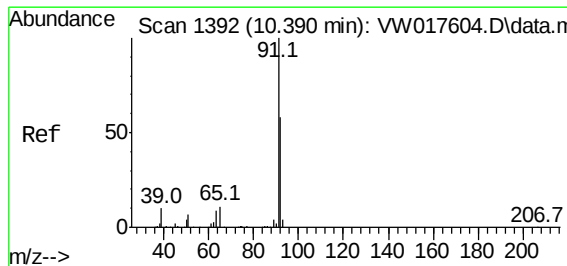
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#519 (-)
Toluene-d8
Concen: 36.21 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW017678.D
Acq: 18 Dec 2020 16:02

Tgt Ion:	98	Resp:	223254
Ion Ratio	Lower	Upper	
98	100		
100	63.8	53.3	79.9



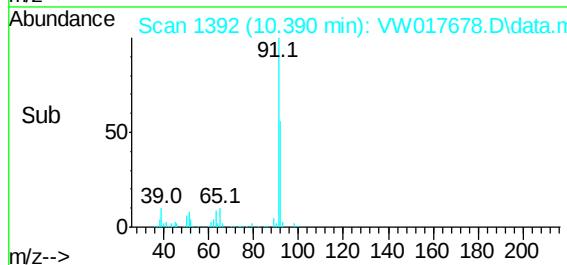
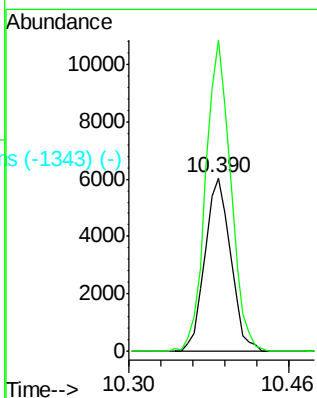
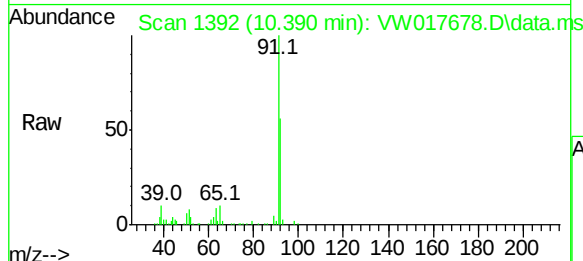


#5283 (-)
Toluene
Concen: 2.43 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017678.D
Acq: 18 Dec 2020 16:02

Tgt Ion: 92 Resp: 10525
Ion Ratio Lower Upper
92 100
91 175.2 134.7 202.1

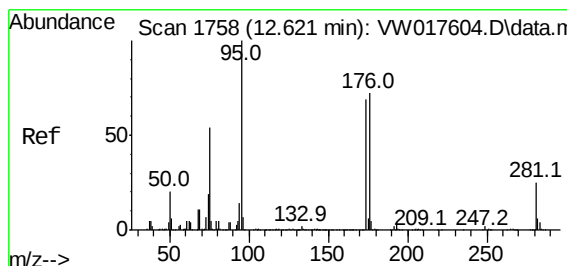
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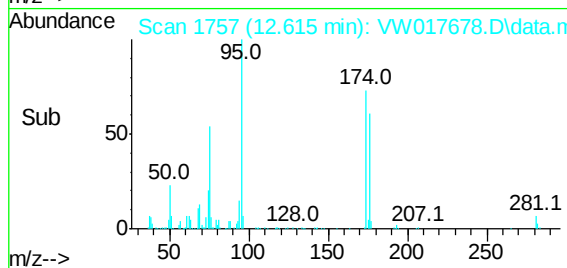
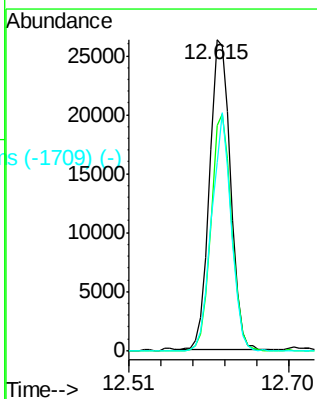
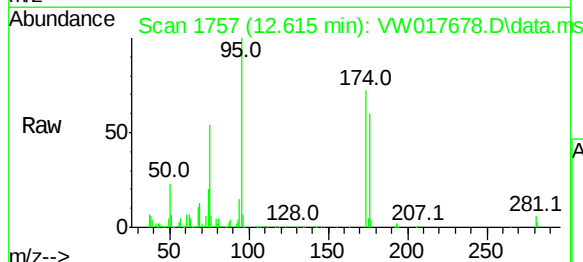
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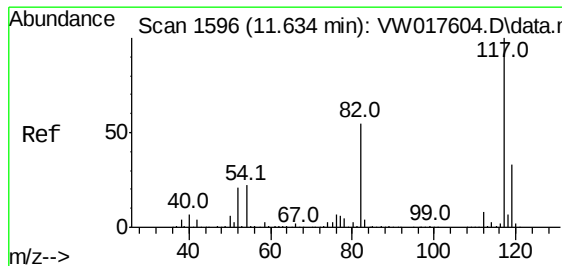
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#6249 (-)
4-Bromofluorobenzene
Concen: 19.80 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017678.D
Acq: 18 Dec 2020 16:02

Tgt Ion: 95 Resp: 43581
Ion Ratio Lower Upper
95 100
174 74.5 0.0 180.6
176 71.4 0.0 177.6



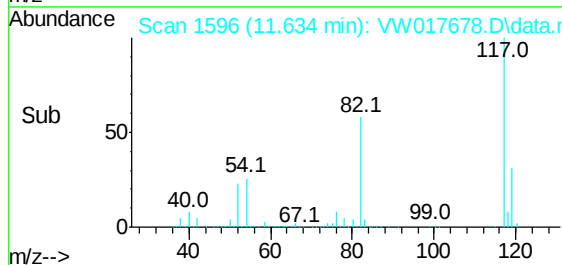
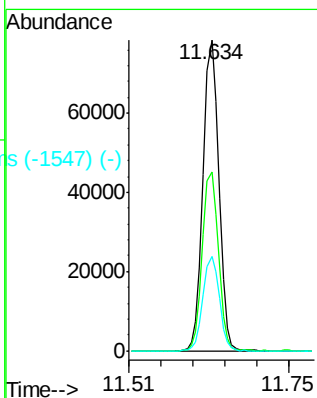
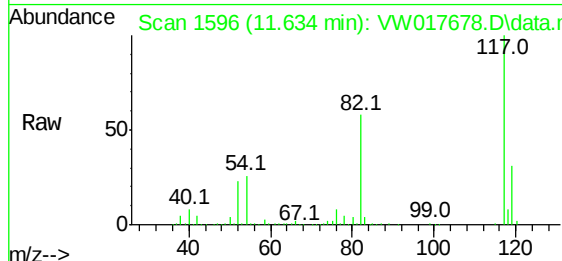


Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017678.D
Acq: 18 Dec 2020 16:02

Tgt Ion:	117	Resp:	128976
Ion Ratio	Lower	Upper	
117	100		
82	57.4	40.7	61.1
119	30.6	25.0	37.4

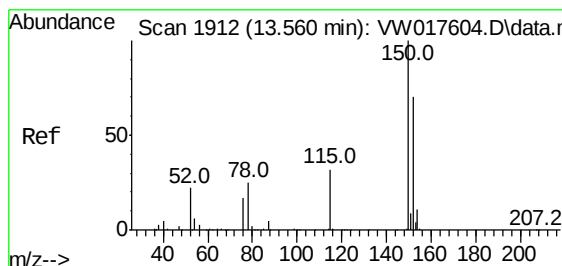
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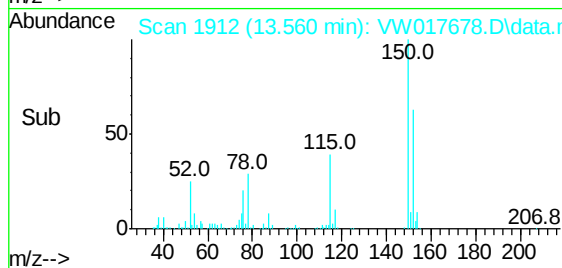
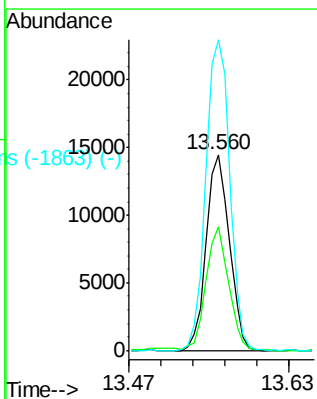
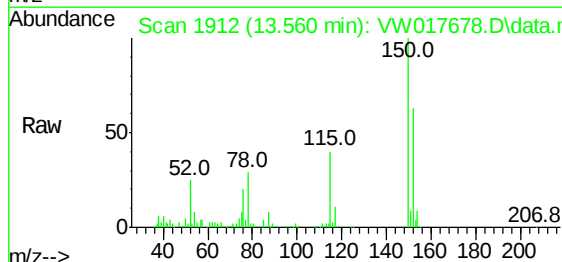
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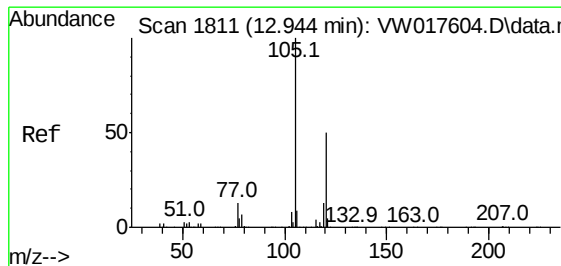
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1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017678.D
Acq: 18 Dec 2020 16:02

Tgt Ion:	152	Resp:	22848
Ion Ratio	Lower	Upper	
152	100		
115	61.7	27.9	83.7
150	163.2	0.0	344.0



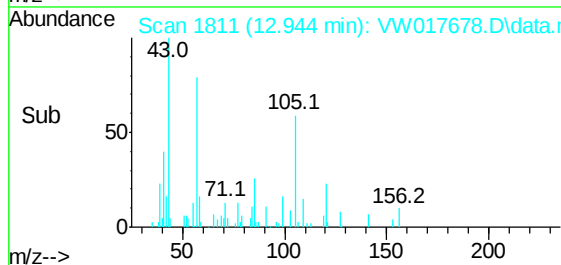
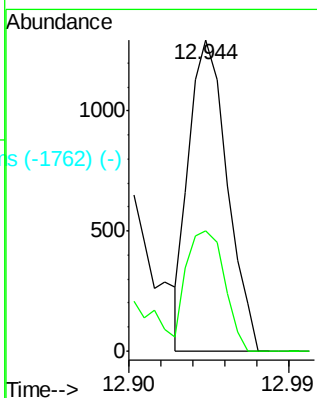
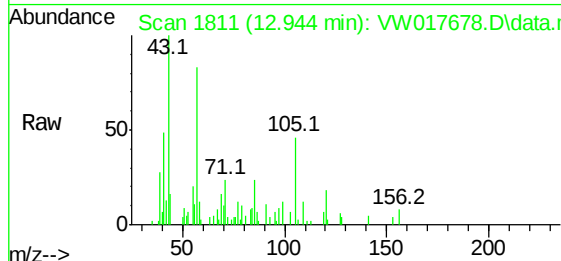


#802 (-)
 1,3,5-Trimethylbenzene
 Concen: 1.31 ug/l
 RT: 12.944 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: Vw017678.D
 Acq: 18 Dec 2020 16:02

Tgt Ion:	105	Resp:	2002
Ion Ratio	Lower	Upper	
105	100		
120	38.4	24.9	74.8

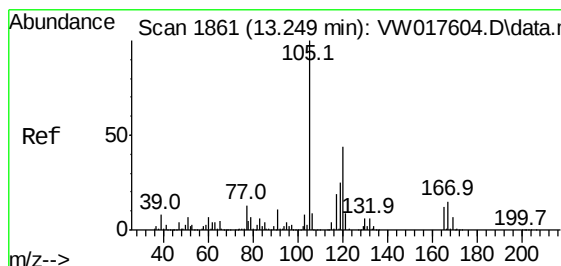
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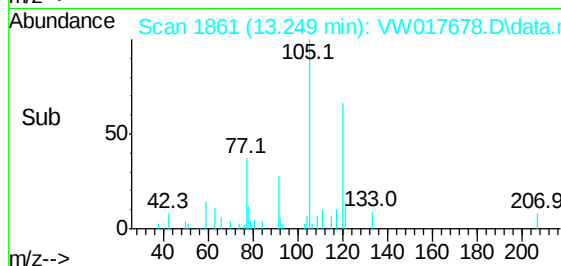
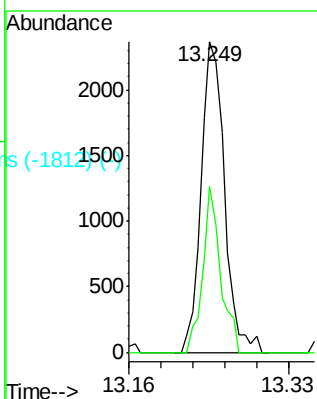
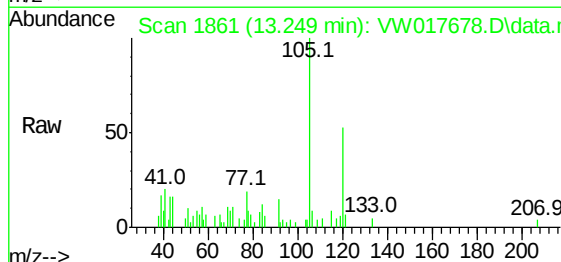
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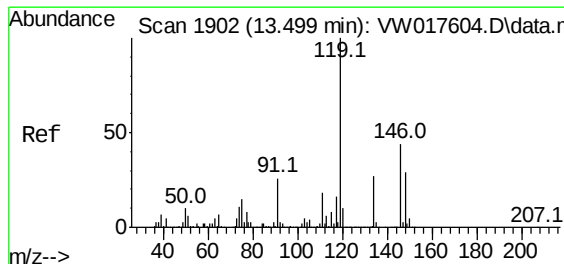
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#848 (-)
 1,2,4-Trimethylbenzene
 Concen: 2.64 ug/l
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: Vw017678.D
 Acq: 18 Dec 2020 16:02

Tgt Ion:	105	Resp:	3970
Ion Ratio	Lower	Upper	
105	100		
120	40.6	23.4	70.0



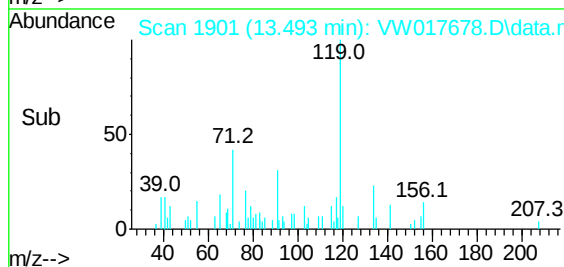
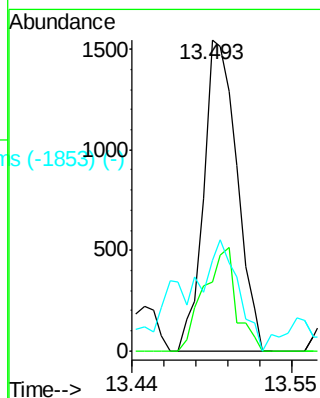
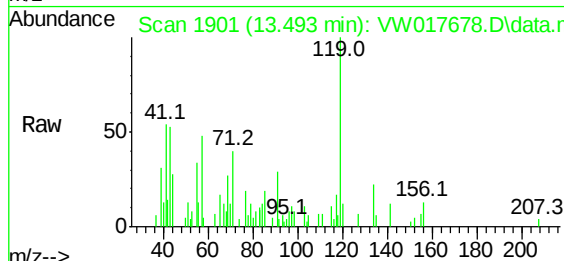


#98
p-Isopropyltoluene
Concen: 1.56 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW017678.D
Acq: 18 Dec 2020 16:02

Tgt Ion:	119	Resp:	2584
Ion Ratio	Lower	Upper	
119	100		
134	32.2	13.8	41.3
91	39.2	11.3	33.9

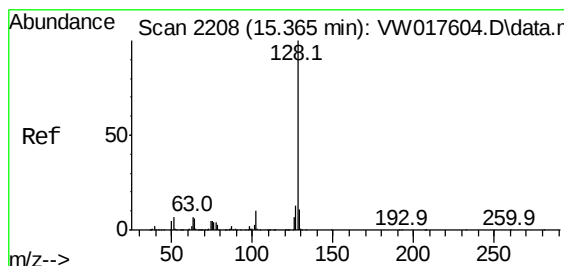
Instrument :
MSVOA_W
ClientSampleId :
20071-OILY-DEBRIS-GRABRE

Manual Integrations
APPROVED



MMDadoda

12/21/2020 11:59:17 AM



#99
Naphthalene
Concen: 3.90 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017678.D
Acq: 18 Dec 2020 16:02

Tgt Ion:	128	Resp:	3494
Ion Ratio	Lower	Upper	
128	100		
127	57.5	10.4	15.6
129	16.8	8.6	12.8

