

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121420\
 Data File : VW017620.D
 Acq On : 14 Dec 2020 19:07
 Operator : SY/VA
 Sample : L5010-01
 Misc : 3.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JBD-SB-01-1.0-3.0

Quant Time: Dec 15 03:29:27 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)

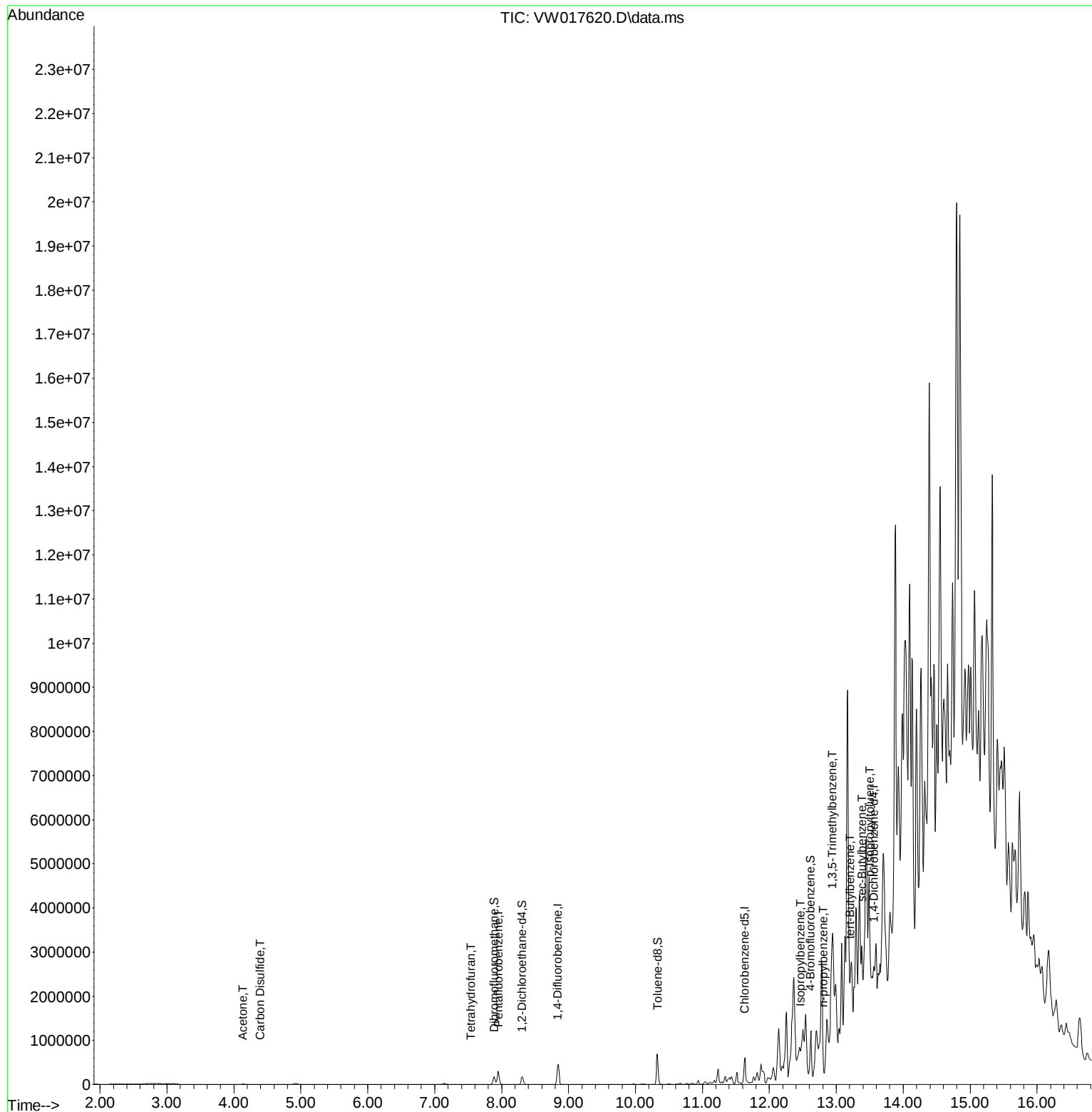
Internal Standards						
1) Pentafluorobenzene	7.951	168	209142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	374132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	309469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	190598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	140848	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
35) Dibromofluoromethane	7.890	113	119848	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	10.329	98	441505	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
62) 4-Bromofluorobenzene	12.615	95	178217	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
Target Compounds						
						Qvalue
16) Acetone	4.135	43	23419	42.25	ug/l	92
17) Carbon Disulfide	4.397	76	7043	1.02	ug/l	98
29) Tetrahydrofuran	7.543	42	2547	6.13	ug/l #	83
73) Isopropylbenzene	12.463	105	15919	1.06	ug/l	99
78) n-propylbenzene	12.804	91	44902	2.51	ug/l	86
80) 1,3,5-Trimethylbenzene	12.944	105	41563	3.26	ug/l	94
83) tert-Butylbenzene	13.207	119	33796	3.10	ug/l #	59
85) sec-Butylbenzene	13.383	105	185638	12.12	ug/l	83
86) p-Isopropyltoluene	13.499	119	250533	18.12	ug/l	94

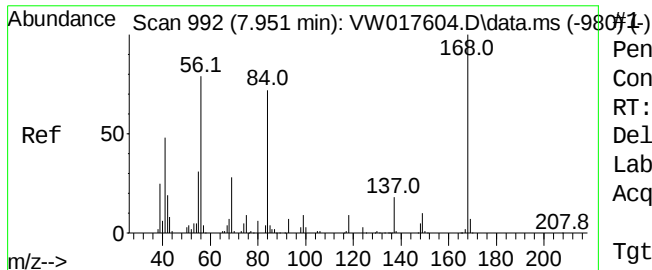
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121420\
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JBD-SB-01-1.0-3.0

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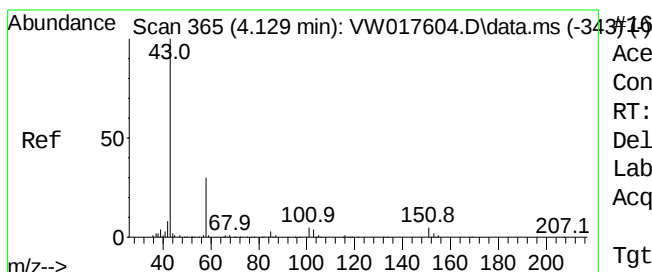
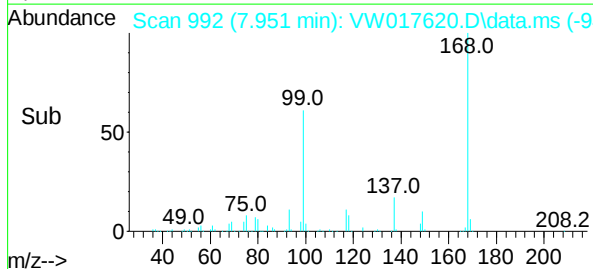
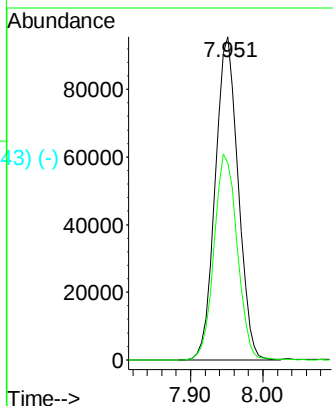
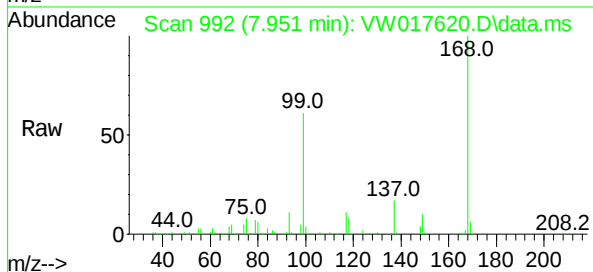




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.951 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VW017620.D
 Acq: 14 Dec 2020 19:07

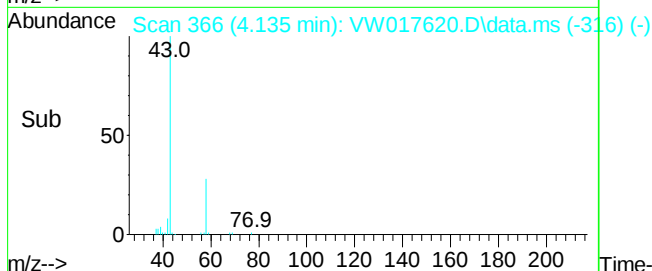
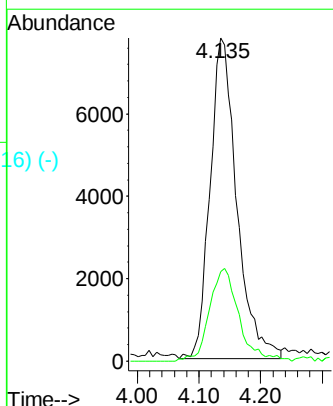
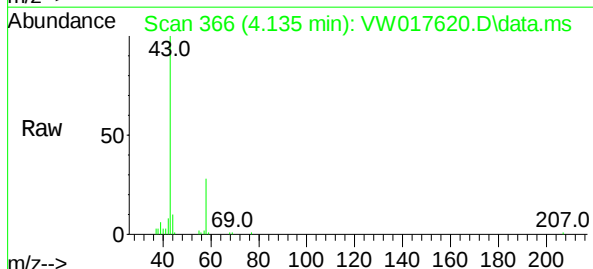
Instrument :
 MSVOA_W
 ClientSampleId :
 JBD-SB-01-1.0-3.0

Tgt Ion:168 Resp: 209142
 Ion Ratio Lower Upper
 168 100
 99 61.0 40.7 61.1

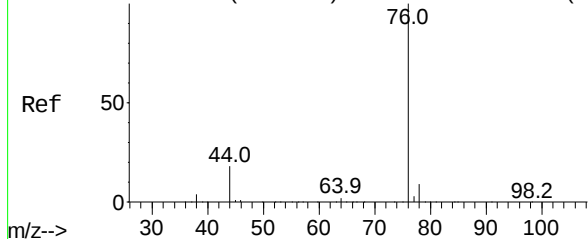


Acetone
 Concen: 42.25 ug/l
 RT: 4.135 min Scan# 366
 Delta R.T. 0.006 min
 Lab File: VW017620.D
 Acq: 14 Dec 2020 19:07

Tgt Ion: 43 Resp: 23419
 Ion Ratio Lower Upper
 43 100
 58 27.4 25.7 38.5



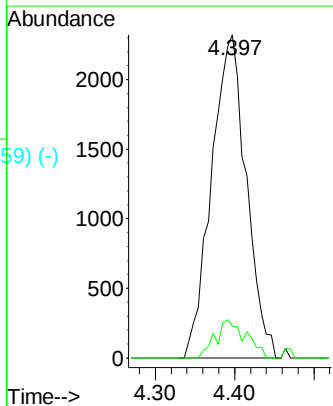
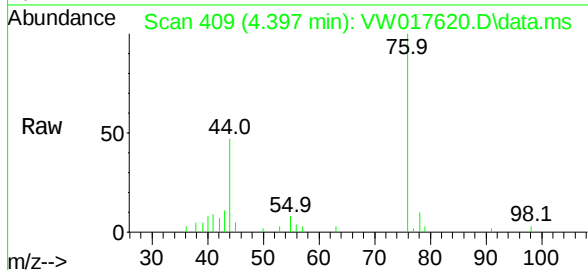
Abundance Scan 408 (4.391 min): VW017604.D\data.ms (-394) #17



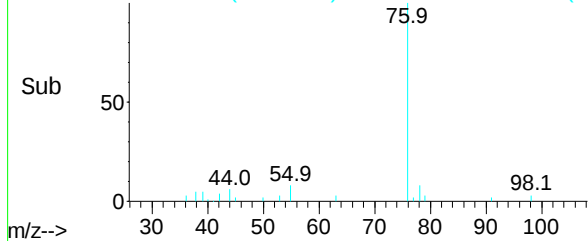
Carbon Disulfide
Concen: 1.02 ug/l
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

Instrument :
MSVOA_W
ClientSampleId :
JBD-SB-01-1.0-3.0

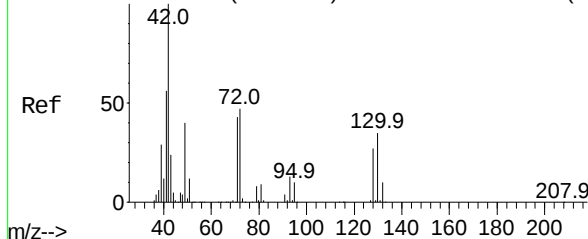
Tgt Ion: 76 Resp: 7043
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2



Abundance Scan 409 (4.397 min): VW017620.D\data.ms (-359) (-)

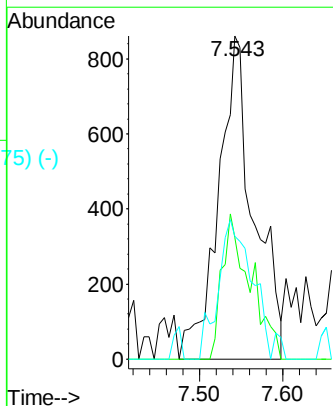
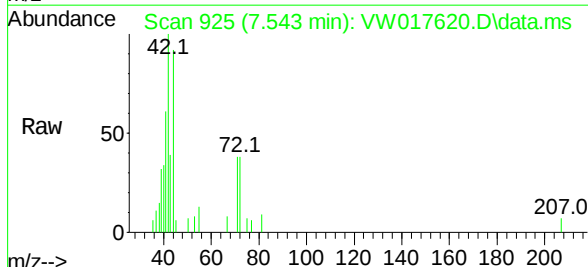


Abundance Scan 924 (7.537 min): VW017604.D\data.ms (-908) #29

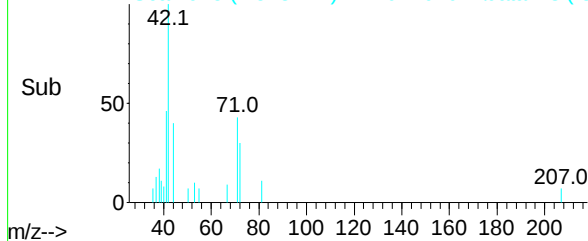


Tetrahydrofuran
Concen: 6.13 ug/l
RT: 7.543 min Scan# 925
Delta R.T. 0.006 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

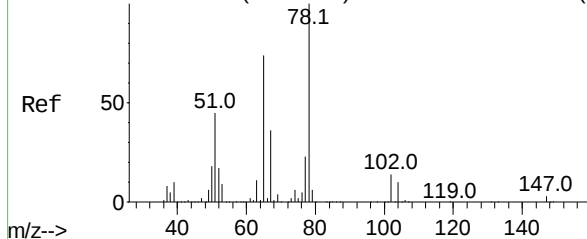
Tgt Ion: 42 Resp: 2547
Ion Ratio Lower Upper
42 100
72 36.3 42.0 63.0#
71 41.0 39.0 58.6



Abundance Scan 925 (7.543 min): VW017620.D\data.ms (-875) (-)



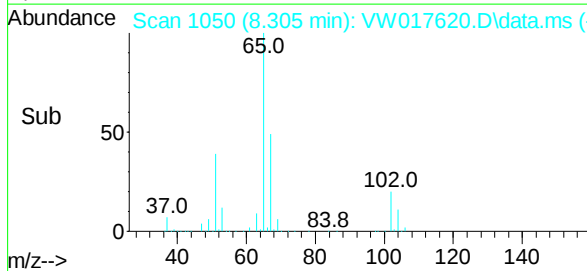
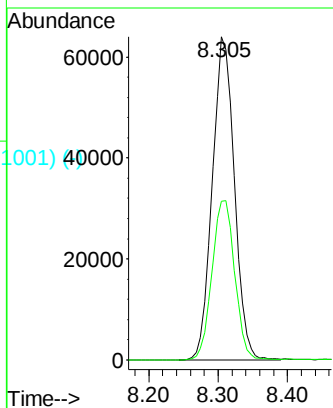
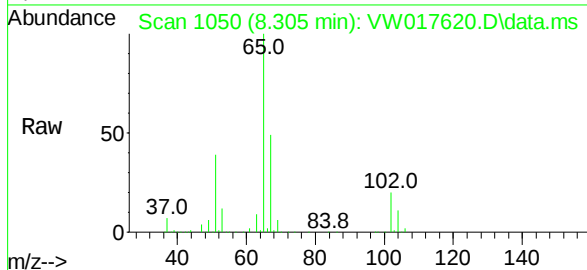
Abundance Scan 1050 (8.305 min): VW017604.D\data.ms (-1054) (-)



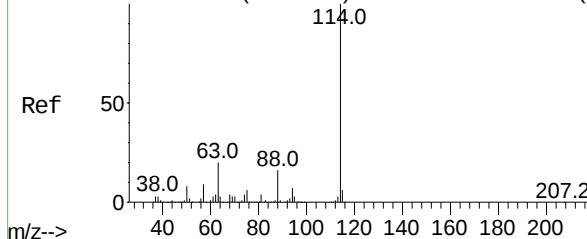
1,2-Dichloroethane-d4
Concen: 55.29 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

Instrument :
MSVOA_W
ClientSampleId :
JBD-SB-01-1.0-3.0

Tgt Ion: 65 Resp: 140848
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.8

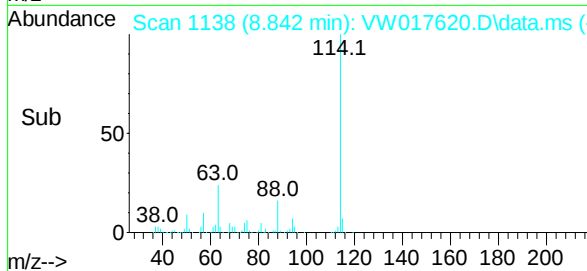
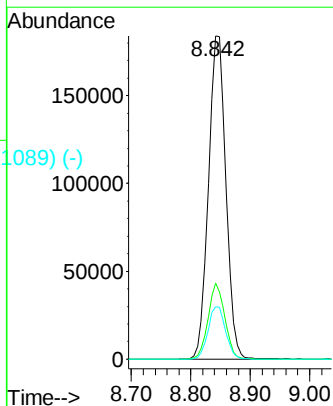
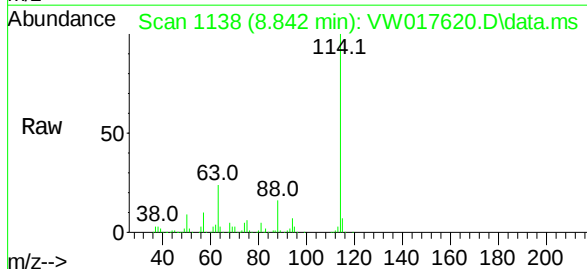


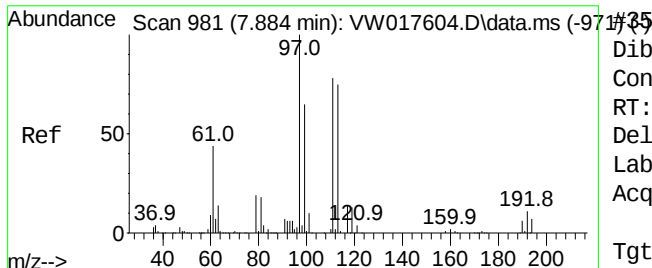
Abundance Scan 1138 (8.842 min): VW017604.D\data.ms (-1138) (-)



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

Tgt Ion:114 Resp: 374132
Ion Ratio Lower Upper
114 100
63 23.6 0.0 35.6
88 16.2 0.0 30.4

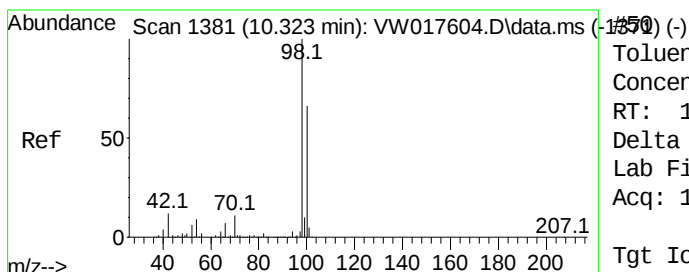
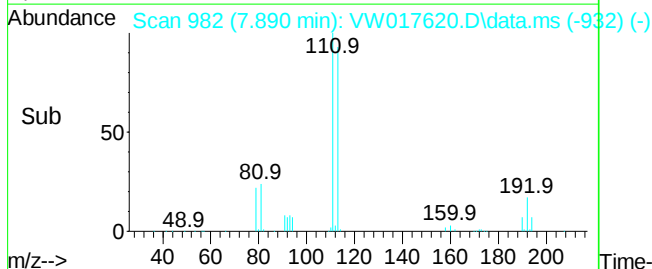
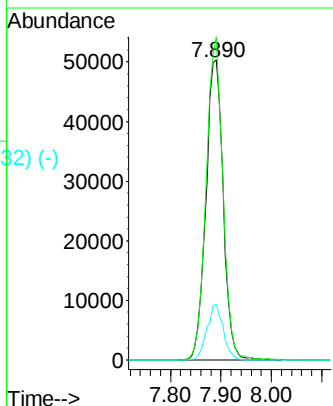
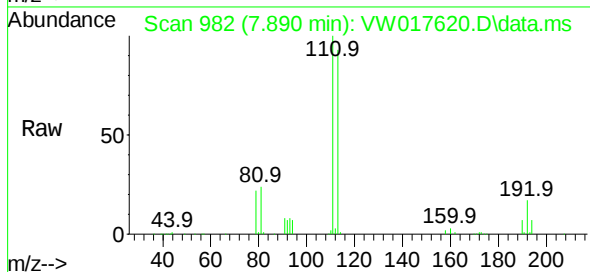




Dibromofluoromethane
Concen: 48.41 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

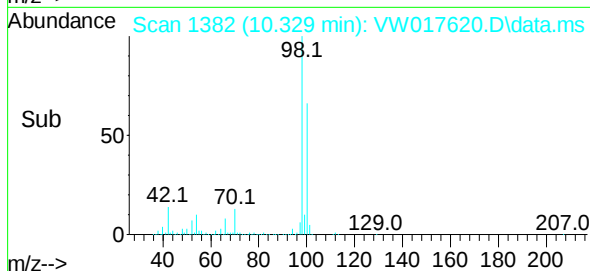
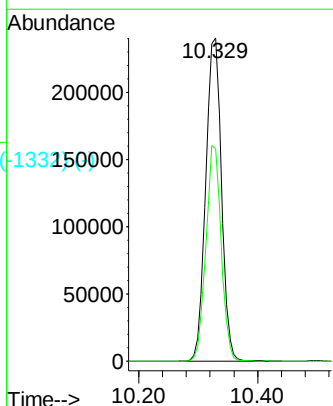
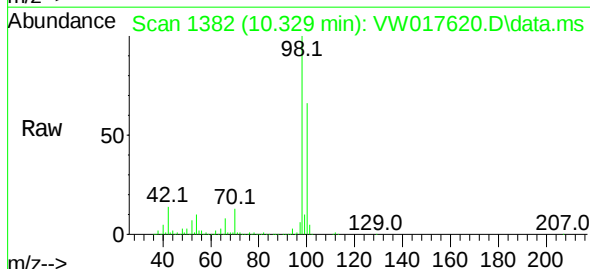
Instrument :
MSVOA_W
ClientSampleId :
JBD-SB-01-1.0-3.0

Tgt Ion:113 Resp: 119848
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.2
192 17.4 17.8 26.8#



Toluene-d8
Concen: 45.80 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

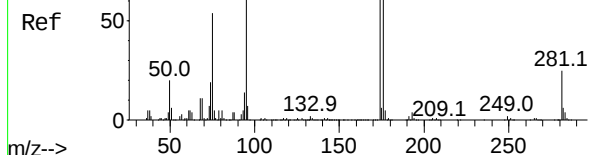
Tgt Ion: 98 Resp: 441505
Ion Ratio Lower Upper
98 100
100 64.7 53.3 79.9



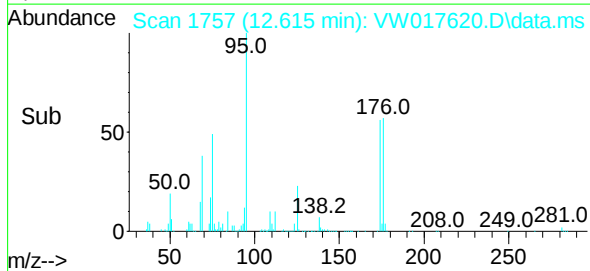
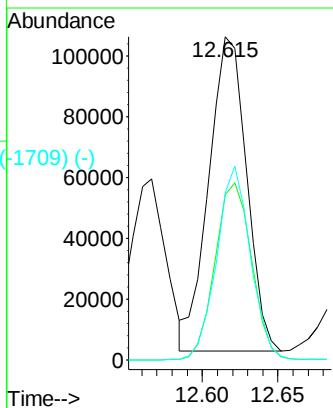
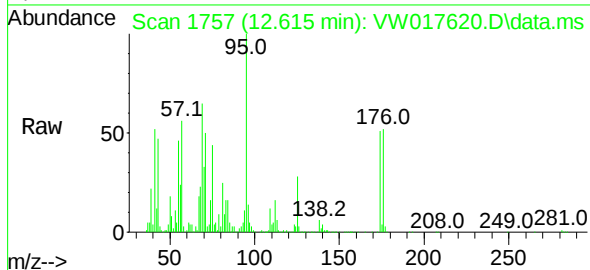
Abundance Scan 1758 (12.621 min): VW017604.D\data.ms (-1709) (-)

4-Bromofluorobenzene
Concen: 51.78 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

Instrument :
MSVOA_W
ClientSampleId :
JBD-SB-01-1.0-3.0

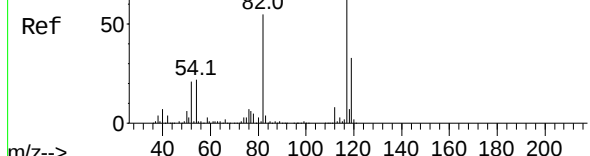


Tgt Ion:	95	Resp:	178217
Ion Ratio	Lower	Upper	
95	100		
174	54.9	0.0	180.6
176	55.5	0.0	177.6

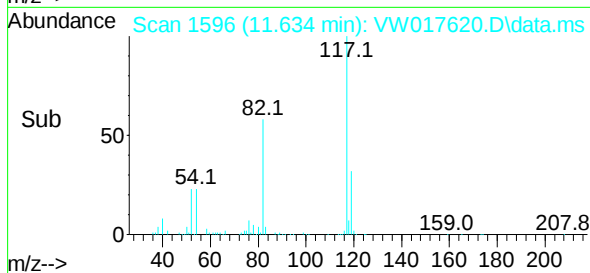
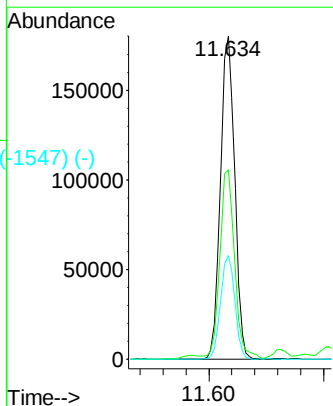
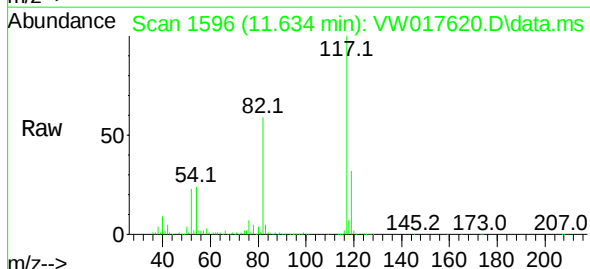


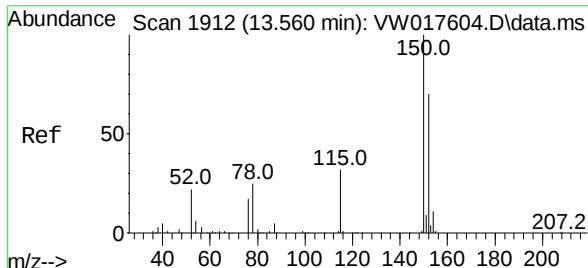
Abundance Scan 1596 (11.634 min): VW017604.D\data.ms (-1503) (-)

Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07



Tgt Ion:	117	Resp:	309469
Ion Ratio	Lower	Upper	
117	100		
82	58.1	40.7	61.1
119	32.1	25.0	37.4

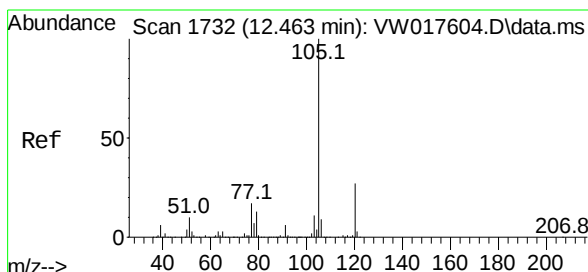
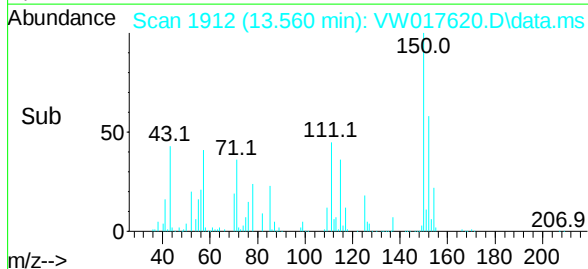
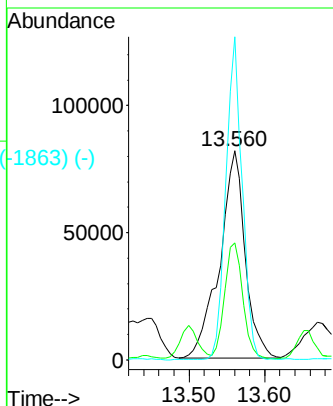
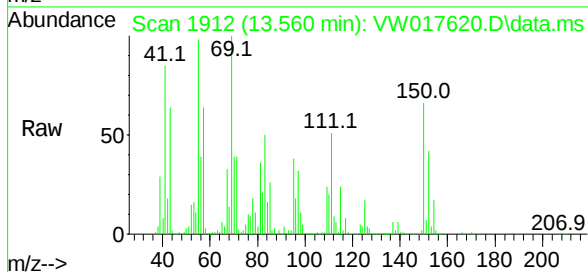




Scan 1912 (13.560 min): VW017604.D\data.ms (-1862) (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VW017620.D
 Acq: 14 Dec 2020 19:07

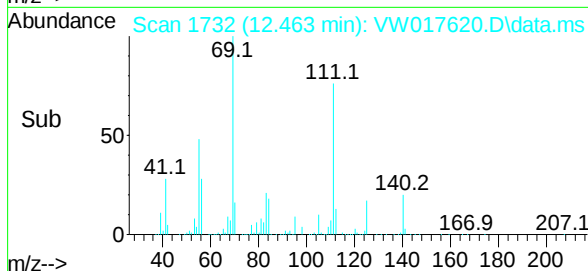
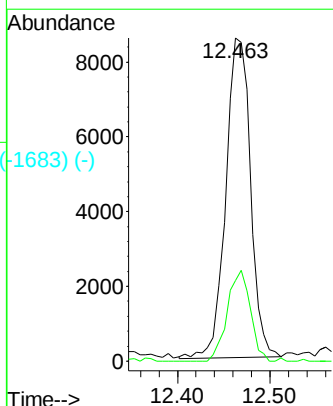
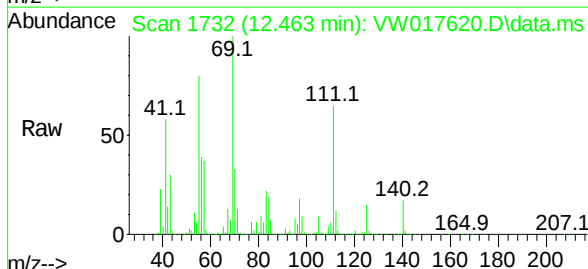
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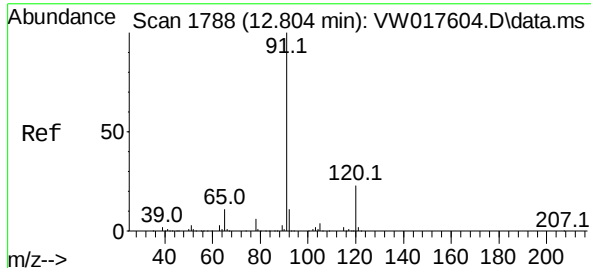
Tgt Ion:	152	Resp:	190598
Ion	Ratio	Lower	Upper
152	100		
115	39.9	27.9	83.7
150	99.6	0.0	344.0



Scan 1732 (12.463 min): VW017604.D\data.ms (-1772) (-)
 Isopropylbenzene
 Concen: 1.06 ug/l
 RT: 12.463 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: VW017620.D
 Acq: 14 Dec 2020 19:07

Tgt Ion:	105	Resp:	15919
Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.6	40.7

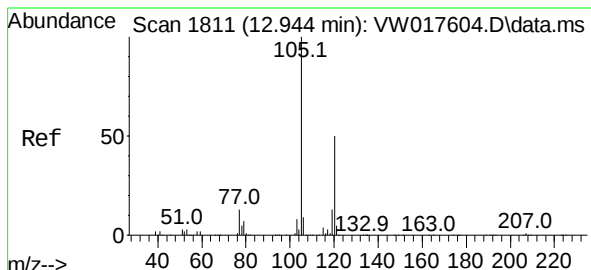
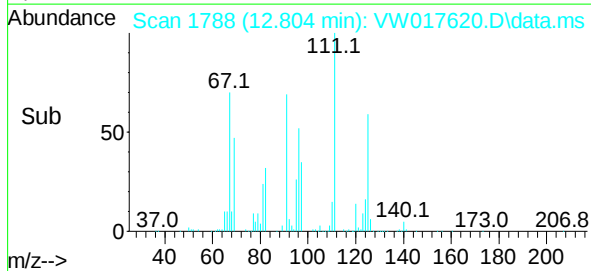
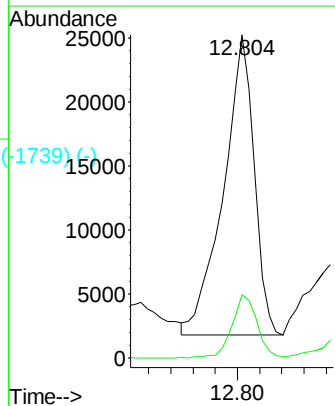
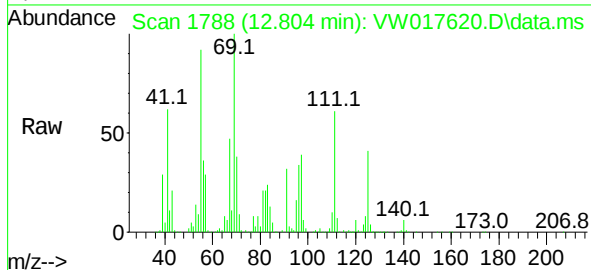




n-propylbenzene
Concen: 2.51 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

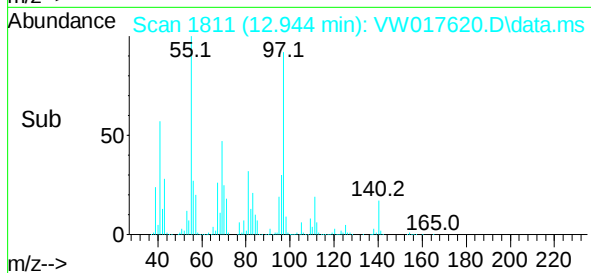
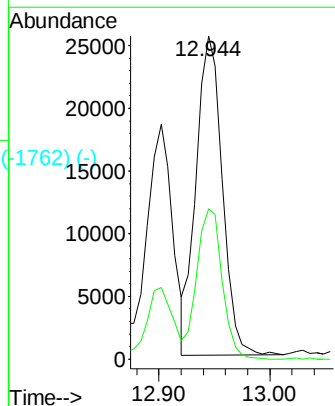
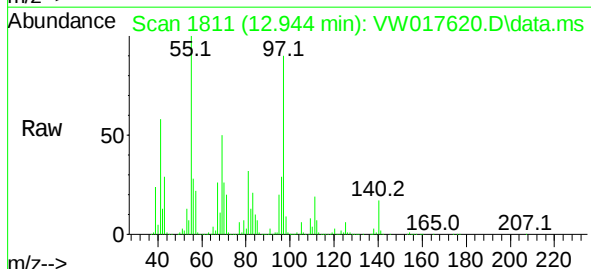
Instrument :
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JBD-SB-01-1.0-3.0

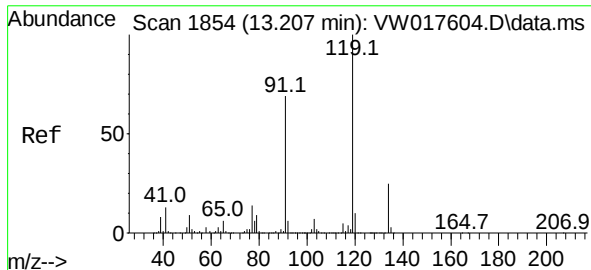
Tgt Ion: 91 Resp: 44902
Ion Ratio Lower Upper
91 100
120 17.3 12.0 36.1



1,3,5-Trimethylbenzene
Concen: 3.26 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

Tgt Ion:105 Resp: 41563
Ion Ratio Lower Upper
105 100
120 45.8 24.9 74.8

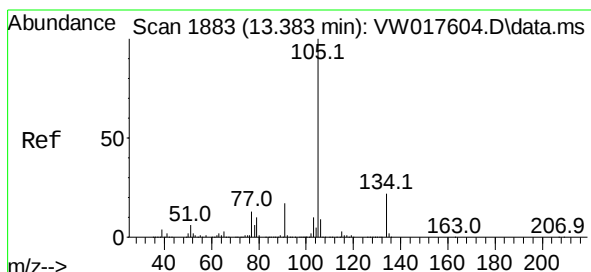
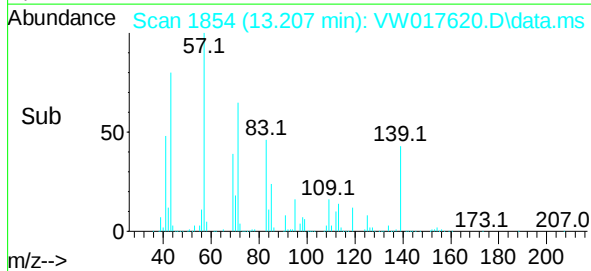
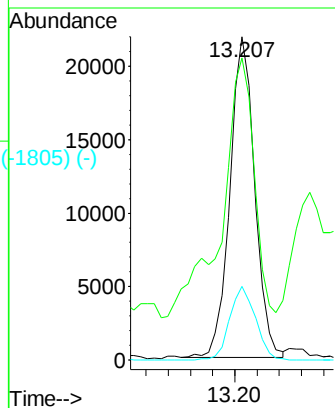
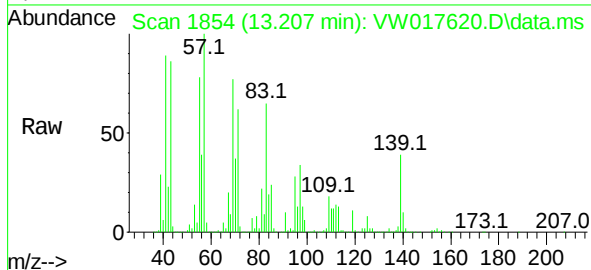




tert-Butylbenzene
Concen: 3.10 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

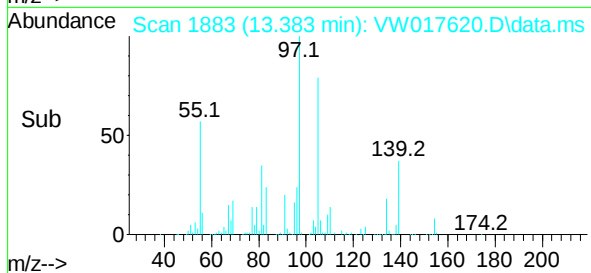
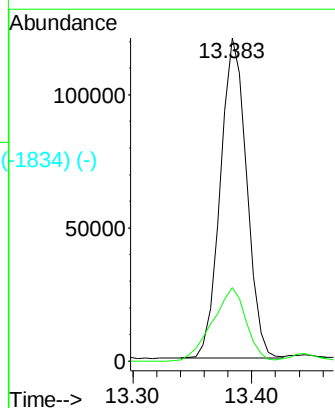
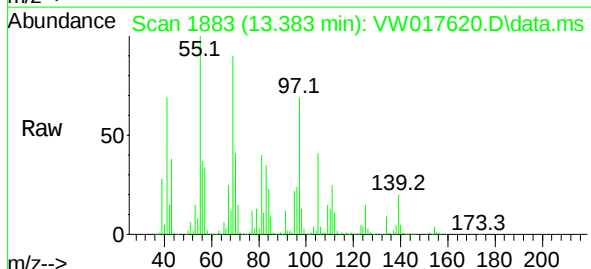
Instrument :
MSVOA_W
ClientSampleId :
JBD-SB-01-1.0-3.0

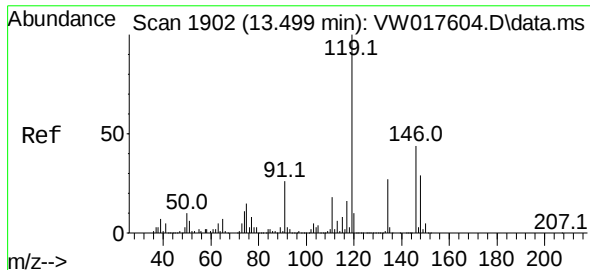
Tgt Ion:	119	Resp:	33796
Ion	Ratio	Lower	Upper
119	100		
91	105.6	31.3	93.9#
134	23.8	14.0	42.0



sec-Butylbenzene
Concen: 12.12 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW017620.D
Acq: 14 Dec 2020 19:07

Tgt Ion:	105	Resp:	185638
Ion	Ratio	Lower	Upper
105	100		
134	29.3	10.6	31.8





p-Isopropyltoluene
 Concen: 18.12 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017620.D
 Acq: 14 Dec 2020 19:07

Instrument :
 MSVOA_W
 ClientSampleId :
 JBD-SB-01-1.0-3.0

Tgt Ion:	119	Resp:	250533
Ion Ratio	Lower	Upper	
119	100		
134	26.5	13.8	41.3
91	28.3	11.3	33.9

