

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018137.D
 Acq On : 15 Feb 2021 15:52
 Operator : SY/VA
 Sample : M1370-11RE
 Misc : 5.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY7RE

Quant Time: Feb 16 02:25:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

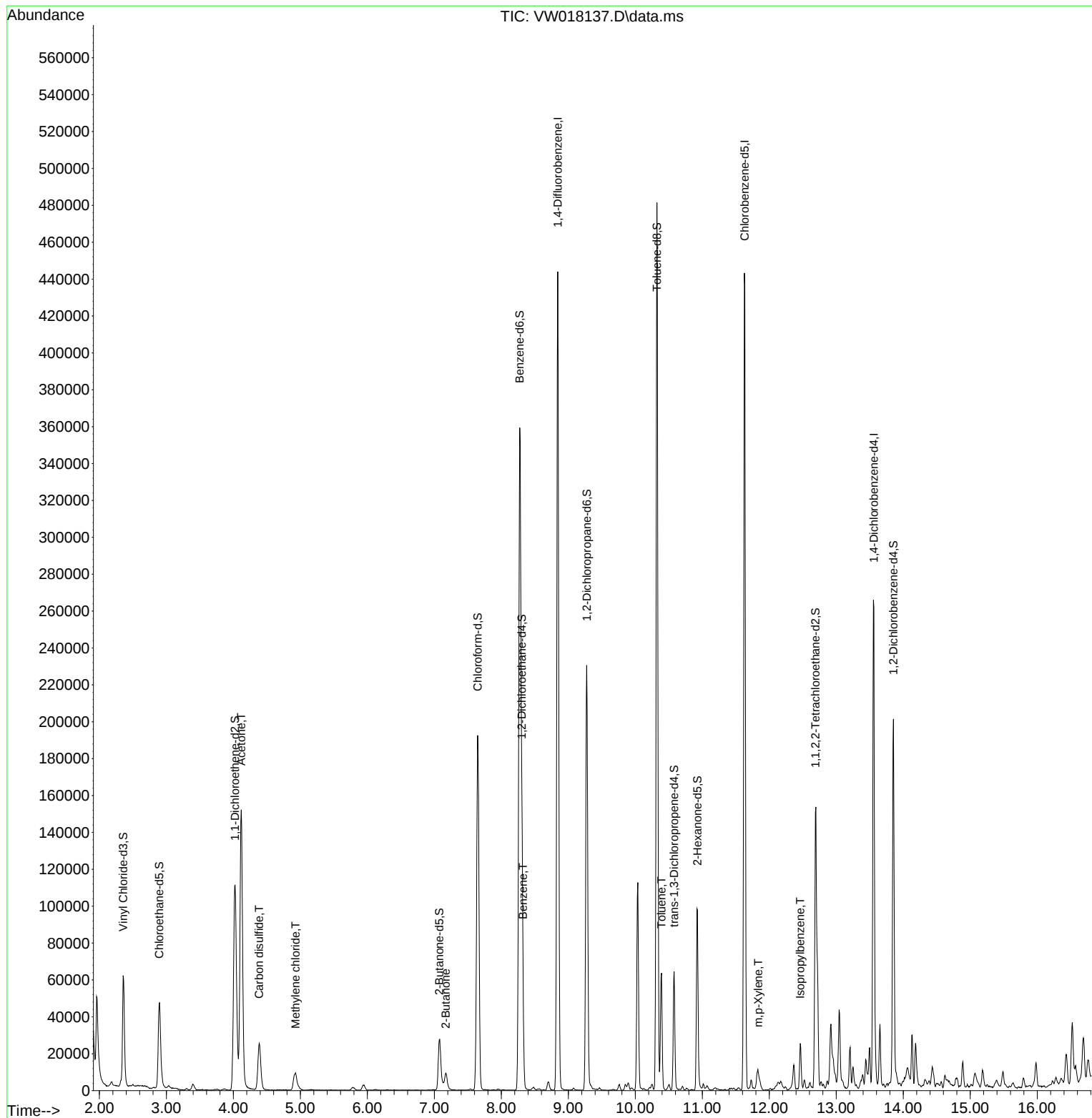
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	388374	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	268363	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	75475	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	71382	14.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.16%		
7) Chloroethane-d5	2.891	69	69372	18.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.44%		
10) 1,1-Dichloroethene-d2	4.025	63	122235	12.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	50.68%		
20) 2-Butanone-d5	7.074	46	46452	36.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.12%		
24) Chloroform-d	7.647	84	203505	19.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.88%		
26) 1,2-Dichloroethane-d4	8.305	65	99002	18.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.96%		
29) Benzene-d6	8.275	84	390397	26.49	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.96%		
33) 1,2-Dichloropropane-d6	9.274	67	110554	26.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.32%		
37) Toluene-d8	10.323	98	329303	23.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.96%		
38) trans-1,3-Dichloroprop...	10.579	79	38073	20.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.52%		
39) 2-Hexanone-d5	10.927	63	36291	46.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.12%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	68650	18.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	56046	20.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.28%		
Target Compounds					Qvalue	
13) Acetone	4.117	43	258699	271.47	ug/L	98
14) Carbon disulfide	4.385	76	53144	3.52	ug/L	100
16) Methylene chloride	4.928	84	8962	1.44	ug/L	86
21) 2-Butanone	7.171	43	15244	10.51	ug/L	97
34) Benzene	8.323	78	9506	0.61	ug/L	100
44) Toluene	10.390	91	48291	2.80	ug/L	99
54) m,p-Xylene	11.835	106	2311	0.31	ug/L	79
57) Isopropylbenzene	12.463	105	14092	0.71	ug/L #	95

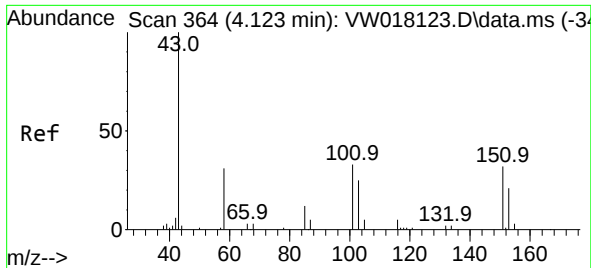
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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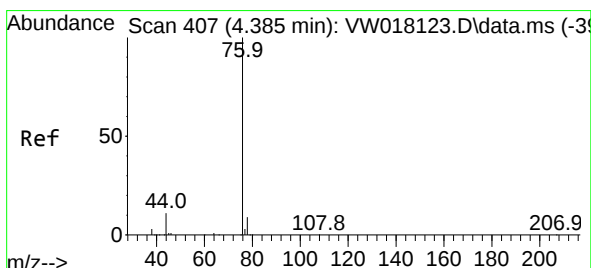
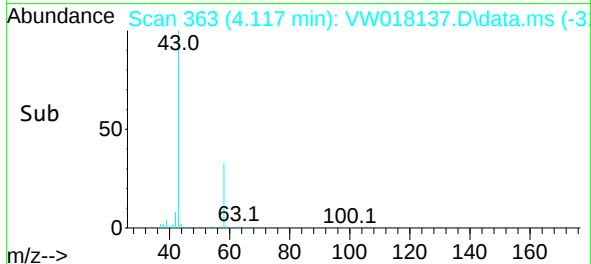
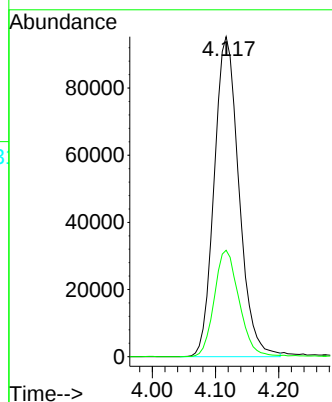
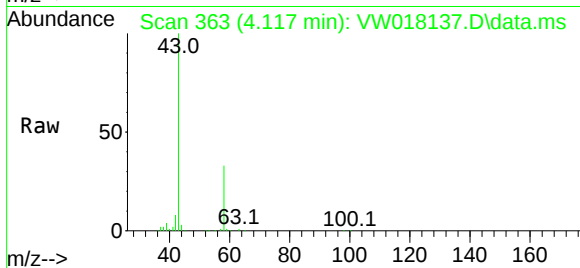




#13
Acetone
Concen: 271.47 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018137.D
Acq: 15 Feb 2021 15:52

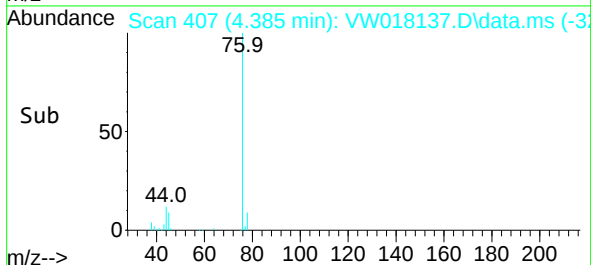
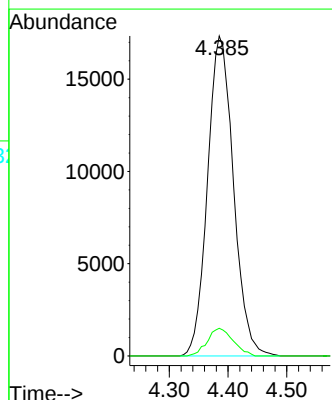
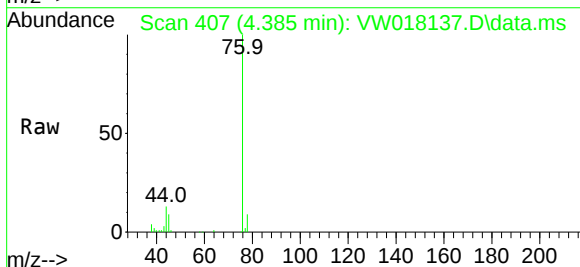
Instrument :
MSVOA_W
ClientSampleId :
DBGY7RE

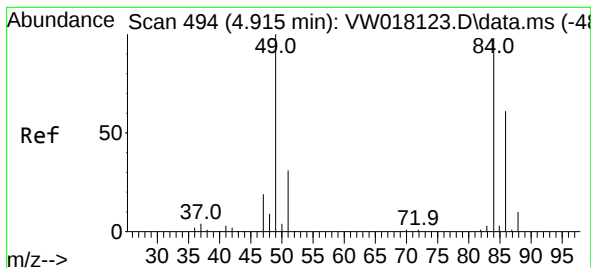
Tgt Ion: 43 Resp: 258699
Ion Ratio Lower Upper
43 100
58 33.3 0.0 68.4



#14
Carbon disulfide
Concen: 3.52 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018137.D
Acq: 15 Feb 2021 15:52

Tgt Ion: 76 Resp: 53144
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

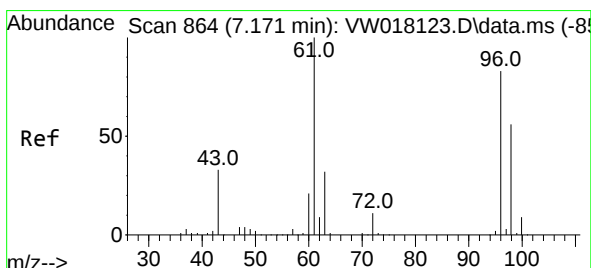
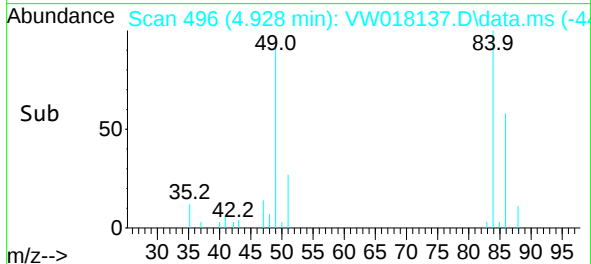
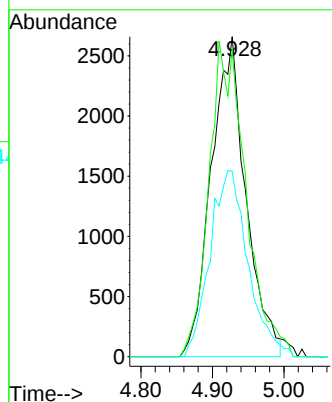
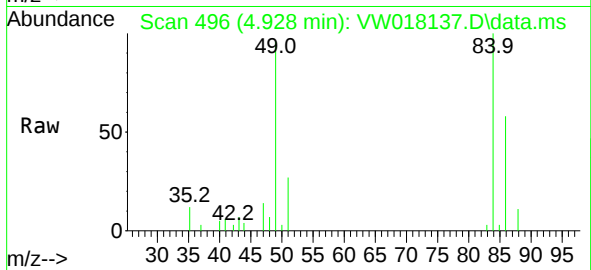




#16
Methylene chloride
Concen: 1.44 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018137.D
Acq: 15 Feb 2021 15:52

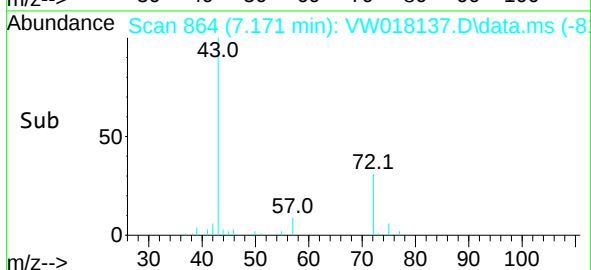
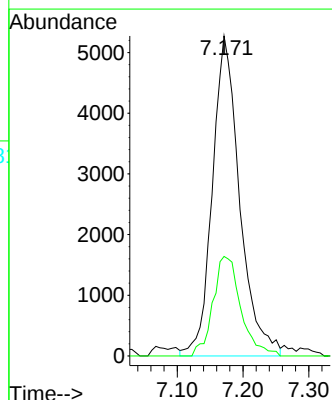
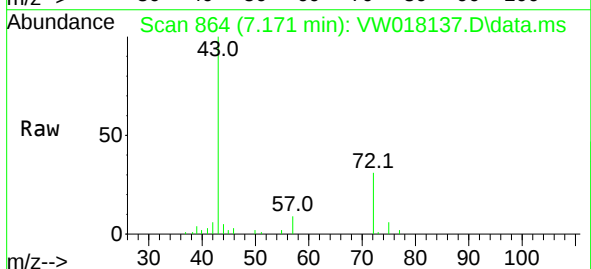
Instrument :
MSVOA_W
ClientSampleId :
DBGY7RE

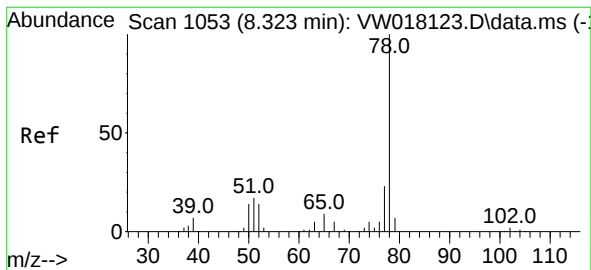
Tgt Ion: 84 Resp: 8962
Ion Ratio Lower Upper
84 100
49 96.1 81.2 150.8
86 58.0 44.5 82.7



#21
2-Butanone
Concen: 10.51 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018137.D
Acq: 15 Feb 2021 15:52

Tgt Ion: 43 Resp: 15244
Ion Ratio Lower Upper
43 100
72 27.2 14.4 43.2





#34

Benzene

Concen: 0.61 ug/L

RT: 8.323 min Scan# 1053

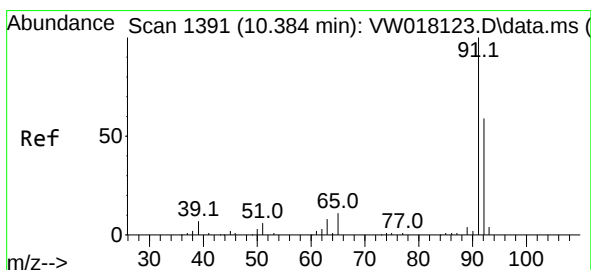
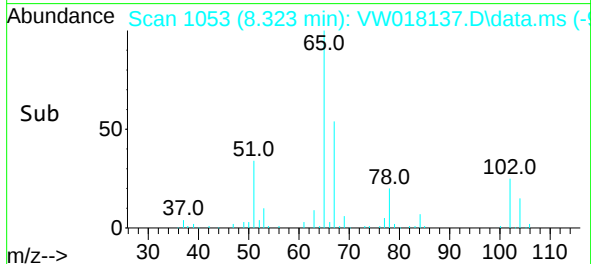
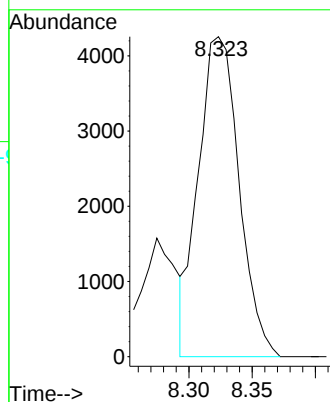
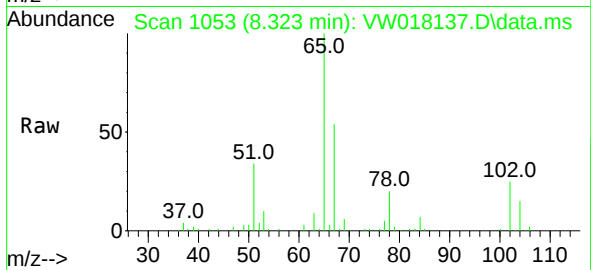
Delta R.T. 0.000 min

Lab File: VW018137.D

Acq: 15 Feb 2021 15:52

Tgt Ion: 78 Resp: 9506

Instrument :
MSVOA_W
ClientSampleId :
DBGY7RE



#44

Toluene

Concen: 2.80 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018137.D

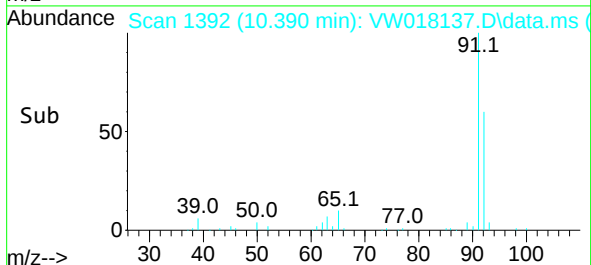
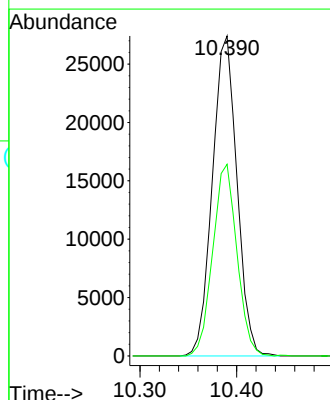
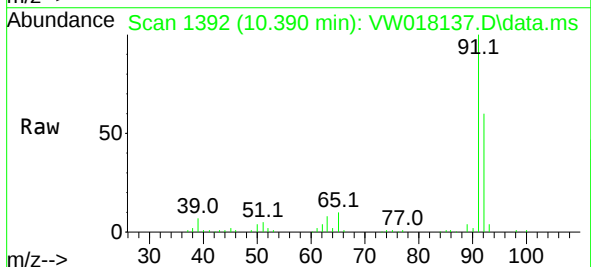
Acq: 15 Feb 2021 15:52

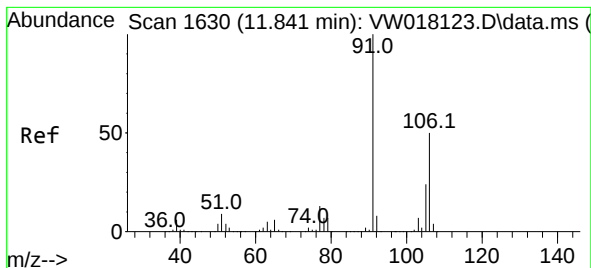
Tgt Ion: 91 Resp: 48291

Ion Ratio Lower Upper

91 100

92 59.9 41.6 77.3

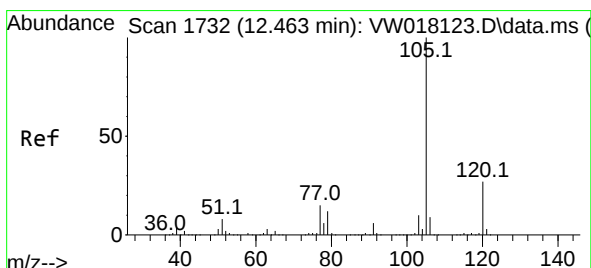
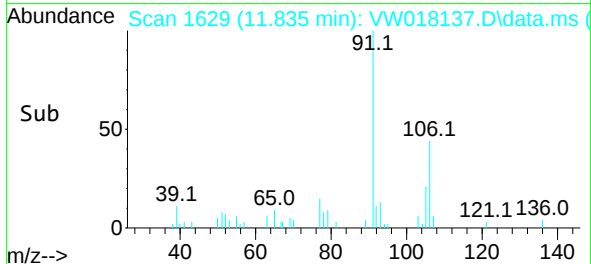
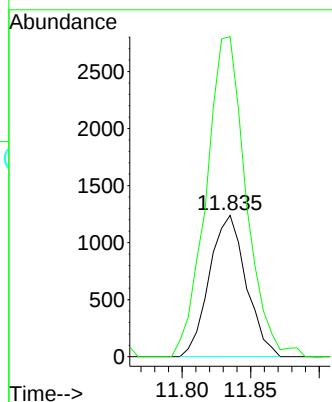
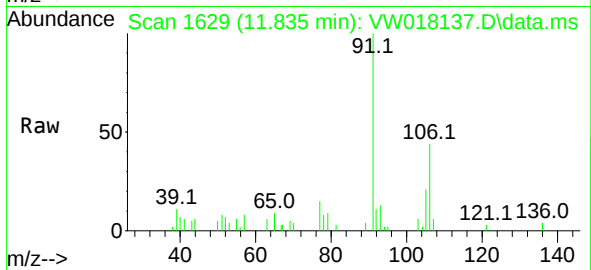




#54
m,p-Xylene
Concen: 0.31 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018137.D
Acq: 15 Feb 2021 15:52

Instrument :
MSVOA_W
ClientSampleId :
DBGY7RE

Tgt Ion:106 Resp: 2311
Ion Ratio Lower Upper
106 100
91 226.4 136.4 253.4



#57
Isopropylbenzene
Concen: 0.71 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018137.D
Acq: 15 Feb 2021 15:52

Tgt Ion:105 Resp: 14092
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.2
77 20.1 12.1 18.1#

