

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017927.D
 Acq On : 18 Jan 2021 14:45
 Operator : SY/VA
 Sample : M1099-16
 Misc : 6.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 F1C12

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 4:57:51 PM

Quant Time: Jan 19 07:20:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	375256	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	314277	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	123238	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	136468	23.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.68%		
7) Chloroethane-d5	2.891	69	110805	22.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.16%		
10) 1,1-Dichloroethene-d2	4.019	63	180265	16.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.76%		
20) 2-Butanone-d5	7.074	46	65504	45.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.98%		
24) Chloroform-d	7.647	84	237456	23.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.76%		
26) 1,2-Dichloroethane-d4	8.305	65	143224	24.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.92%		
29) Benzene-d6	8.275	84	459145	25.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.12%		
33) 1,2-Dichloropropane-d6	9.274	67	138012	26.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.84%		
37) Toluene-d8	10.323	98	421256	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.76%		
38) trans-1,3-Dichloroprop...	10.579	79	56674	24.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.96%		
39) 2-Hexanone-d5	10.926	63	48231	52.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.12%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	109533	24.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.24%		
61) 1,2-Dichlorobenzene-d4	13.853	152	102652	23.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.76%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	43139	43.00	ug/L	93
14) Carbon disulfide	4.391	76	21701	1.42	ug/L	95
16) Methylene chloride	4.915	84	7339m	1.35	ug/L	
21) 2-Butanone	7.177	43	11653	7.48	ug/L	82
34) Benzene	8.323	78	8327	0.45	ug/L	100
44) Toluene	10.390	91	8587	0.42	ug/L	93
52) Chlorobenzene	11.658	112	309686	23.39	ug/L	96
54) m,p-Xylene	11.835	106	6872	0.77	ug/L	89
55) o-xylene	12.164	106	2846	0.34	ug/L	94
57) Isopropylbenzene	12.463	105	70889	3.07	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	24088	3.12	ug/L	92
64) 1,4-Dichlorobenzene	13.578	146	82330	10.62	ug/L	99

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

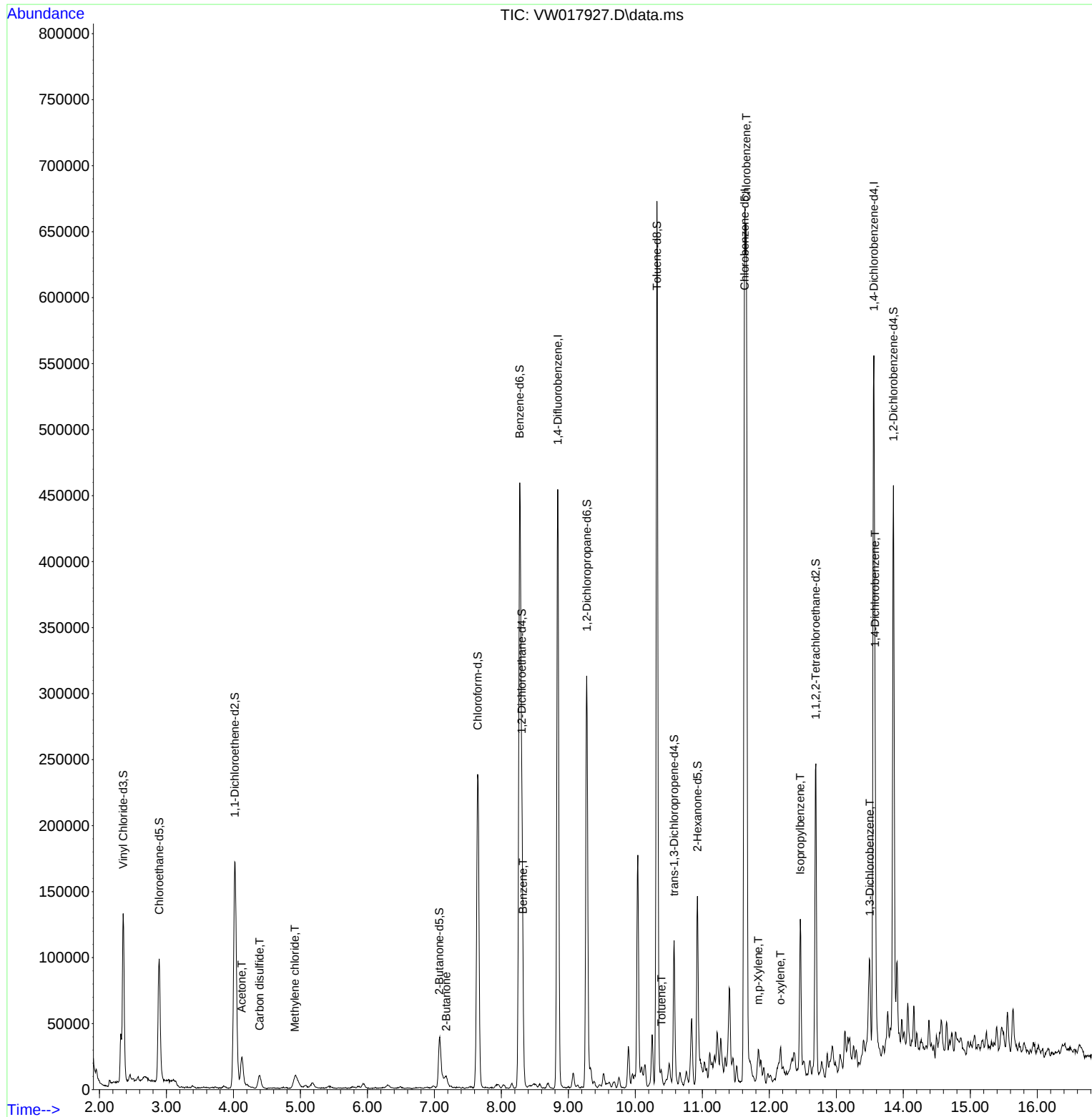
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017927.D
Acq On : 18 Jan 2021 14:45
Operator : SY/VA
Sample : M1099-16
Misc : 6.80G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

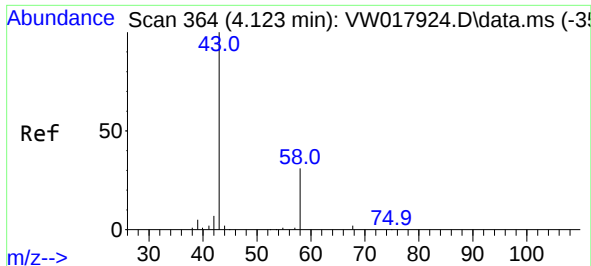
Instrument :
MSVOA_W
ClientSampleId :
F1C12

Manual Integrations
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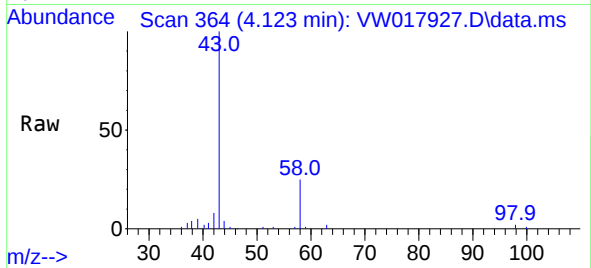
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1/20/2021 4:57:51 PM

Quant Time: Jan 19 07:20:44 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 19 06:55:11 2021
Response via : Initial Calibration

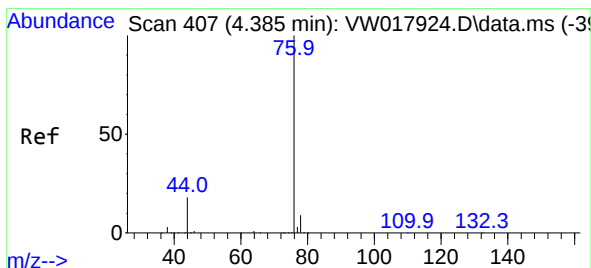
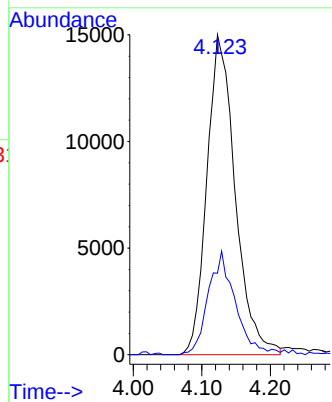
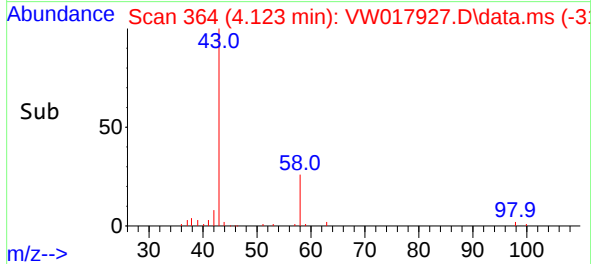




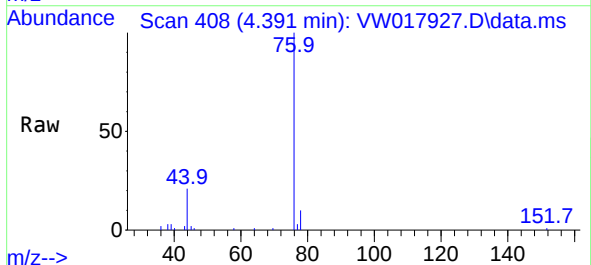
#13
Acetone
Concen: 43.00 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45



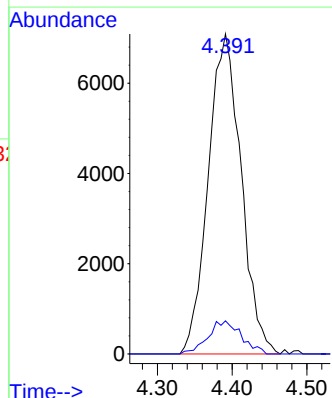
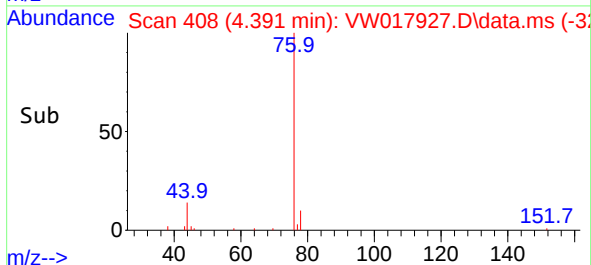
Tgt Ion: 43 Resp: 43139
Ion Ratio Lower Upper
43 100
58 30.3 0.0 68.4



#14
Carbon disulfide
Concen: 1.42 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45



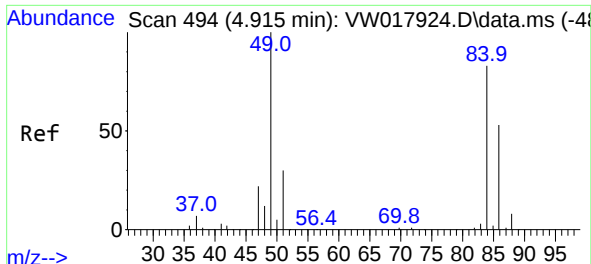
Tgt Ion: 76 Resp: 21701
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4



Instrument :
MSVOA_W
ClientSampleId :
F1C12

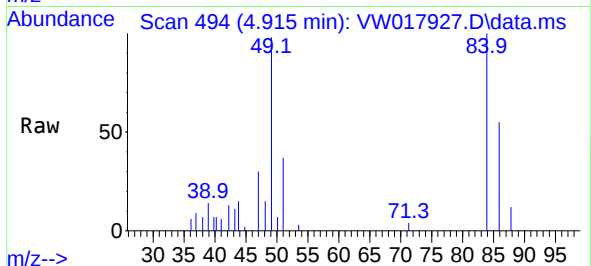
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#16
Methylene chloride
Concen: 1.35 ug/L m
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45

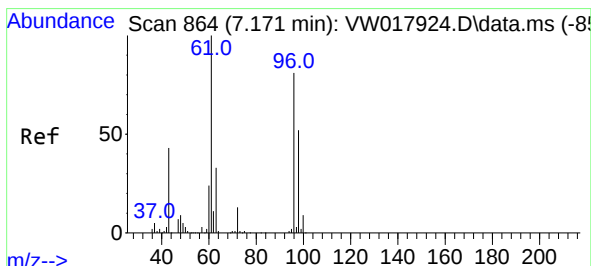
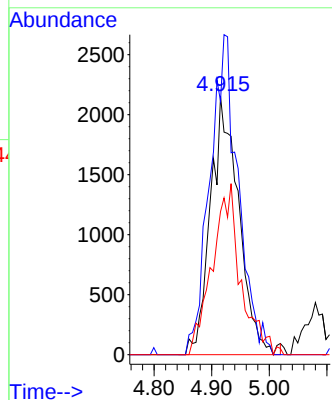
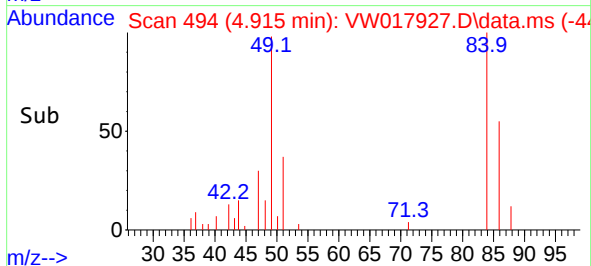
Instrument :
MSVOA_W
ClientSampleId :
F1C12



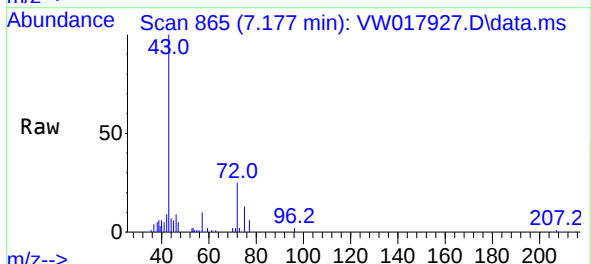
Tgt Ion: 84 Resp: 7339
Ion Ratio Lower Upper
84 100
49 97.9 81.2 150.8
86 55.3 44.5 82.7

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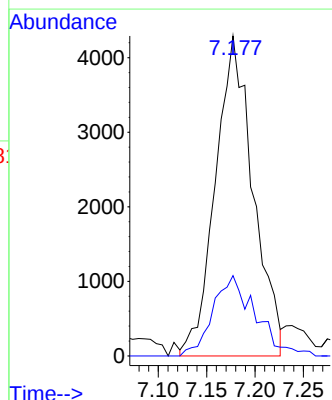
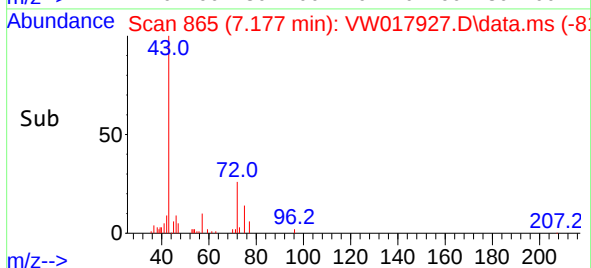
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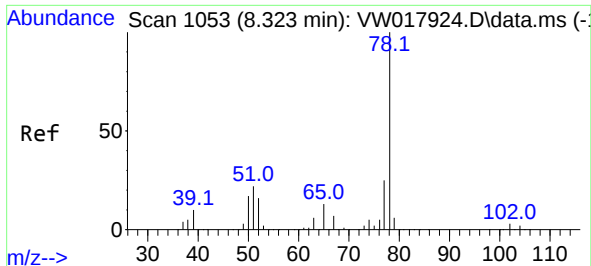


#21
2-Butanone
Concen: 7.48 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45



Tgt Ion: 43 Resp: 11653
Ion Ratio Lower Upper
43 100
72 19.4 14.4 43.2





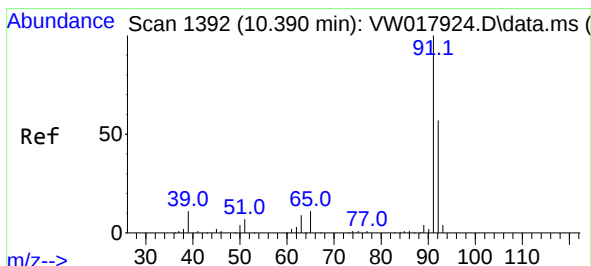
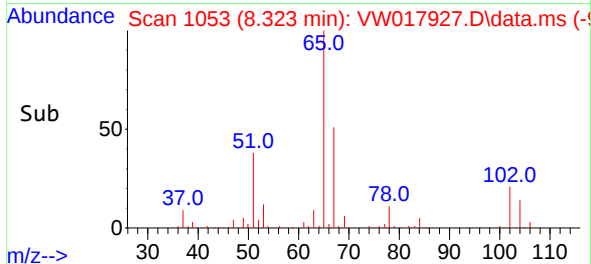
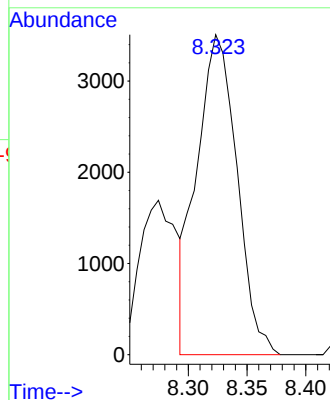
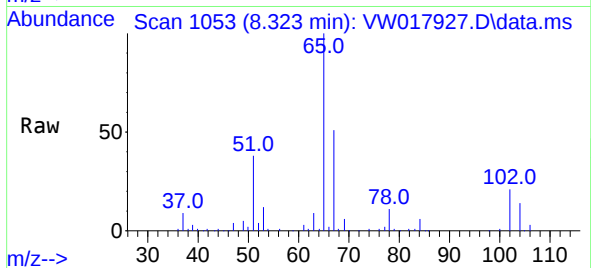
#34
Benzene
Concen: 0.45 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45

Tgt Ion: 78 Resp: 8327

Instrument :
MSVOA_W
ClientSampleId :
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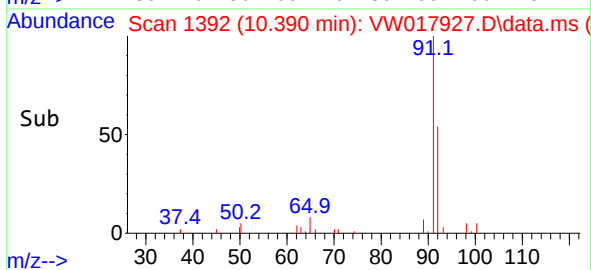
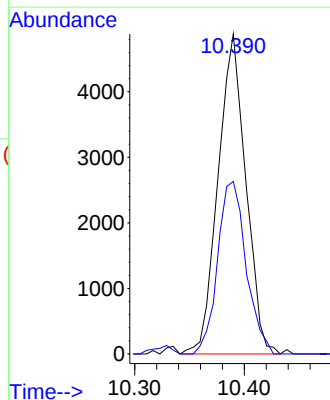
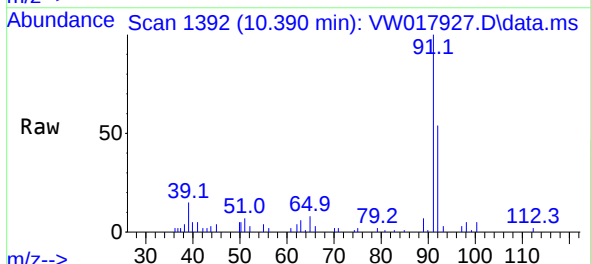
Manual Integrations
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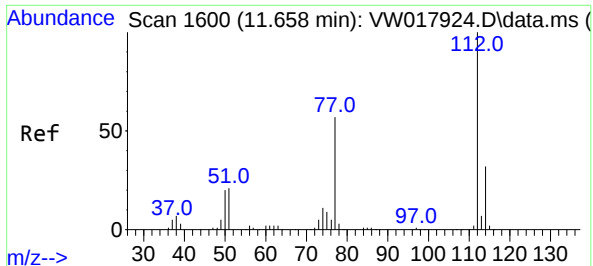
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#44
Toluene
Concen: 0.42 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45

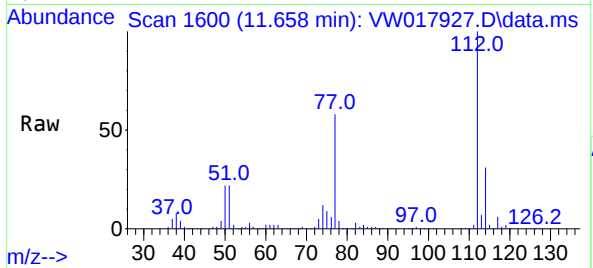
Tgt Ion: 91 Resp: 8587
Ion Ratio Lower Upper
91 100
92 53.9 41.6 77.3





#52
Chlorobenzene
Concen: 23.39 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45

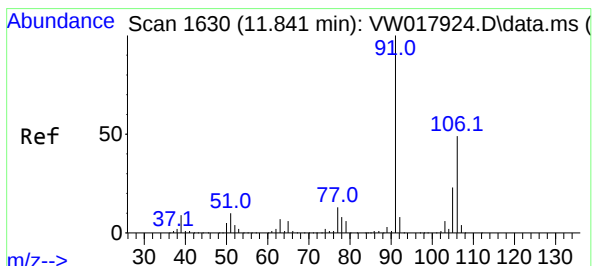
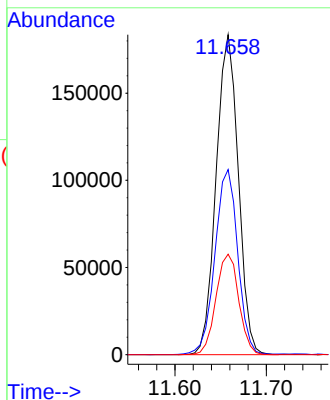
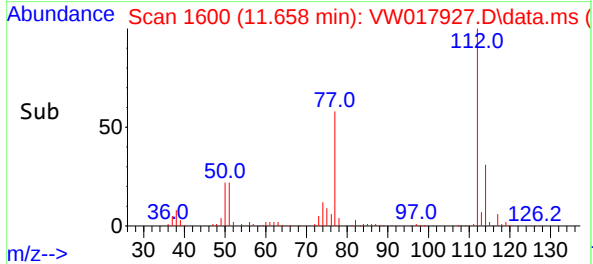
Instrument :
MSVOA_W
ClientSampleId :
F1C12



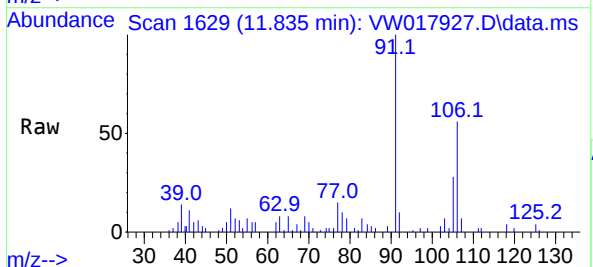
Tgt Ion:112 Resp: 309686
Ion Ratio Lower Upper
112 100
77 57.9 42.6 64.0
114 31.4 21.6 40.2

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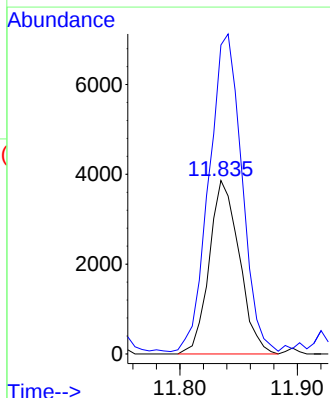
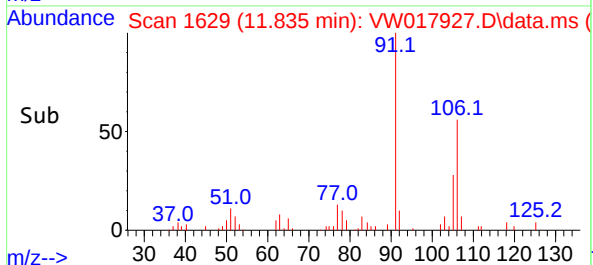
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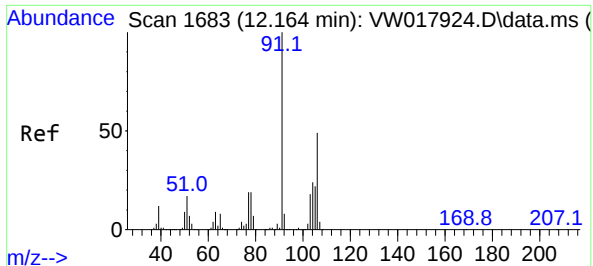


#54
m,p-Xylene
Concen: 0.77 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45



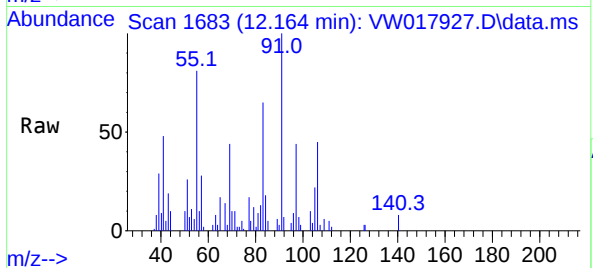
Tgt Ion:106 Resp: 6872
Ion Ratio Lower Upper
106 100
91 178.1 136.4 253.4



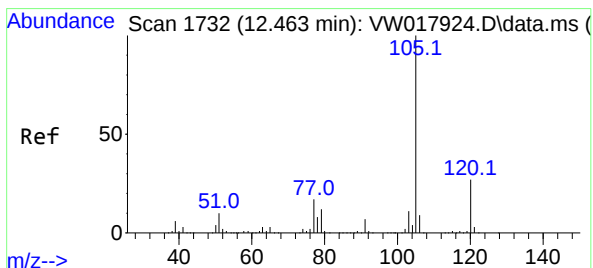
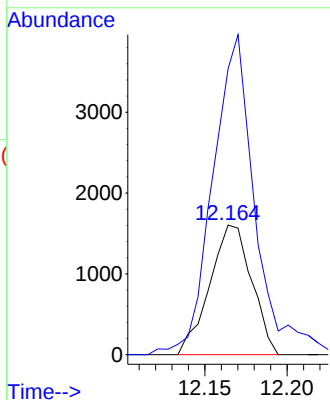
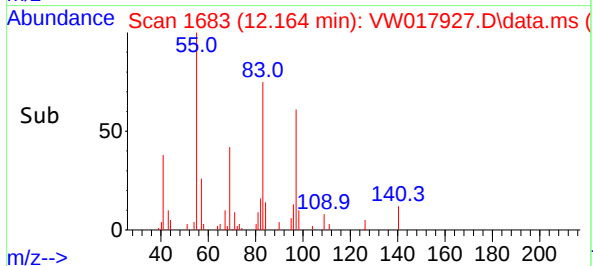


#55
o-xylene
Concen: 0.34 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45

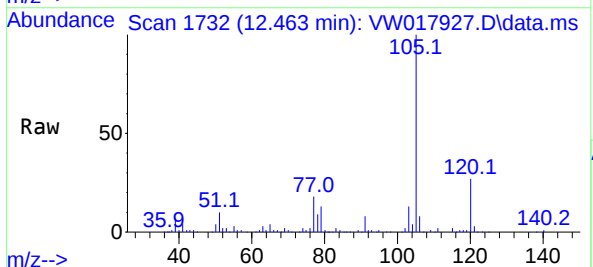
Instrument :
MSVOA_W
ClientSampled :
F1C12



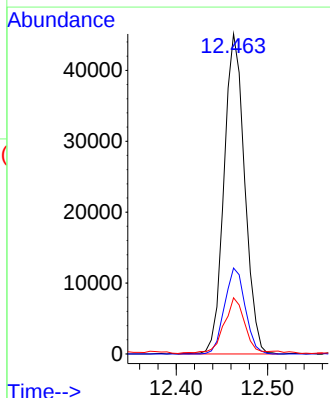
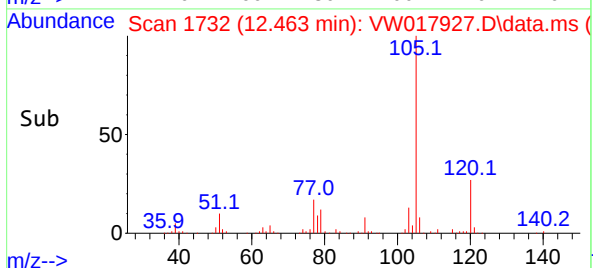
Tgt Ion:106 Resp: 2846
Ion Ratio Lower Upper
106 100
91 220.6 147.6 274.2

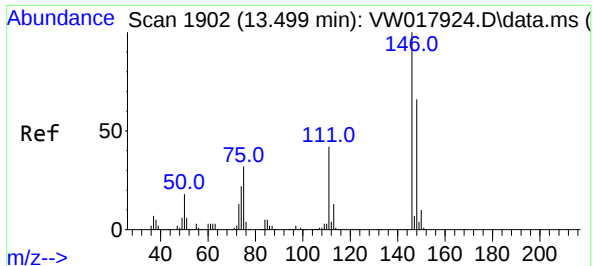


#57
Isopropylbenzene
Concen: 3.07 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45



Tgt Ion:105 Resp: 70889
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 16.6 12.1 18.1





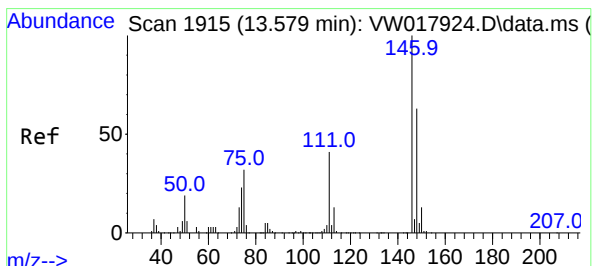
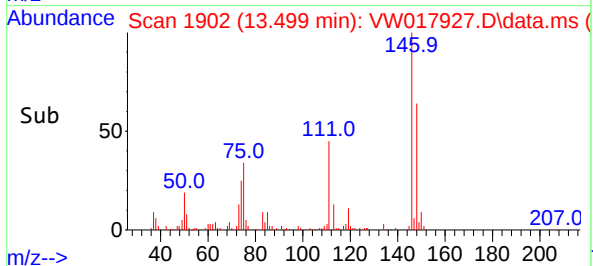
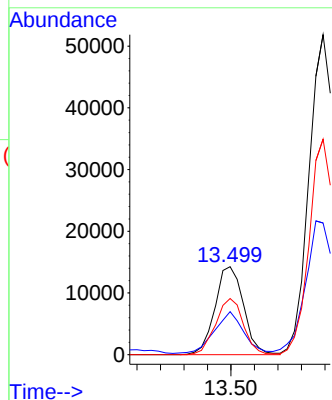
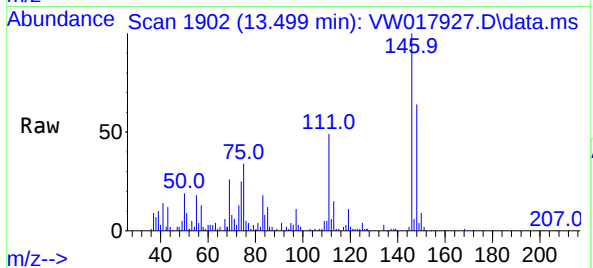
#63
1,3-Dichlorobenzene
Concen: 3.12 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45

Tgt Ion:	146	Resp:	24088
Ion Ratio	Lower	Upper	
146	100		
111	48.9	28.5	52.9
148	63.9	47.8	88.8

Instrument :
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ClientSampled :
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#64
1,4-Dichlorobenzene
Concen: 10.62 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW017927.D
Acq: 18 Jan 2021 14:45

Tgt Ion:	146	Resp:	82330
Ion Ratio	Lower	Upper	
146	100		
111	41.2	27.7	51.5
148	67.4	47.0	87.2

