

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042721\
 Data File : VW018805.D
 Acq On : 27 Apr 2021 15:57
 Operator : SY/VA
 Sample : M2177-06
 Misc : 3.66G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG583

Manual Integrations
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 4/29/2021 10:03:56 AM

Quant Time: Apr 28 00:43:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 28 00:41:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	413367	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	230058	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65319	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	71794	11.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	45.72%		
7) Chloroethane-d5	2.898	69	79849	14.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.36%		
11) 1,1-Dichloroethene-d2	4.019	63	99893	9.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	36.64%#		
21) 2-Butanone-d5	7.080	46	77888	54.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.94%		
24) Chloroform-d	7.653	84	220145	19.41	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.64%		
26) 1,2-Dichloroethane-d4	8.305	65	128209	20.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.40%		
32) Benzene-d6	8.275	84	347503	25.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.00%		
36) 1,2-Dichloropropane-d6	9.275	67	124868	30.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	122.80%#		
41) Toluene-d8	10.323	98	218925	17.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.96%		
43) trans-1,3-Dichloroprop...	10.579	79	31261	18.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.20%		
47) 2-Hexanone-d5	10.927	63	65419	92.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	185.00%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	98253	28.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	115.72%		
66) 1,2-Dichlorobenzene-d4	13.853	152	44233	19.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.12%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	25735	24.79	ug/L	77
14) Carbon disulfide	4.391	76	28453	1.76	ug/L	98
16) Methylene chloride	4.916	84	36003	5.31	ug/L	88
22) 2-Butanone	7.177	43	8507	5.39	ug/L	80
29) Cyclohexane	7.946	56	6531m	1.15	ug/L	
33) Benzene	8.330	78	28940	2.00	ug/L	100
35) Methylcyclohexane	9.335	83	15044	2.33	ug/L #	38
42) Toluene	10.390	91	5668	0.37	ug/L	97
51) Chlorobenzene	11.658	112	5922	0.62	ug/L #	78
52) Ethylbenzene	11.731	91	61168	3.57	ug/L	92
53) m,p-Xylene	11.835	106	26385	4.20	ug/L	94
54) o-Xylene	12.164	106	27615	4.58	ug/L	85
62) 1,3,5-Trimethylbenzene	12.945	105	66871	8.40	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	127167	16.01	ug/L	97

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

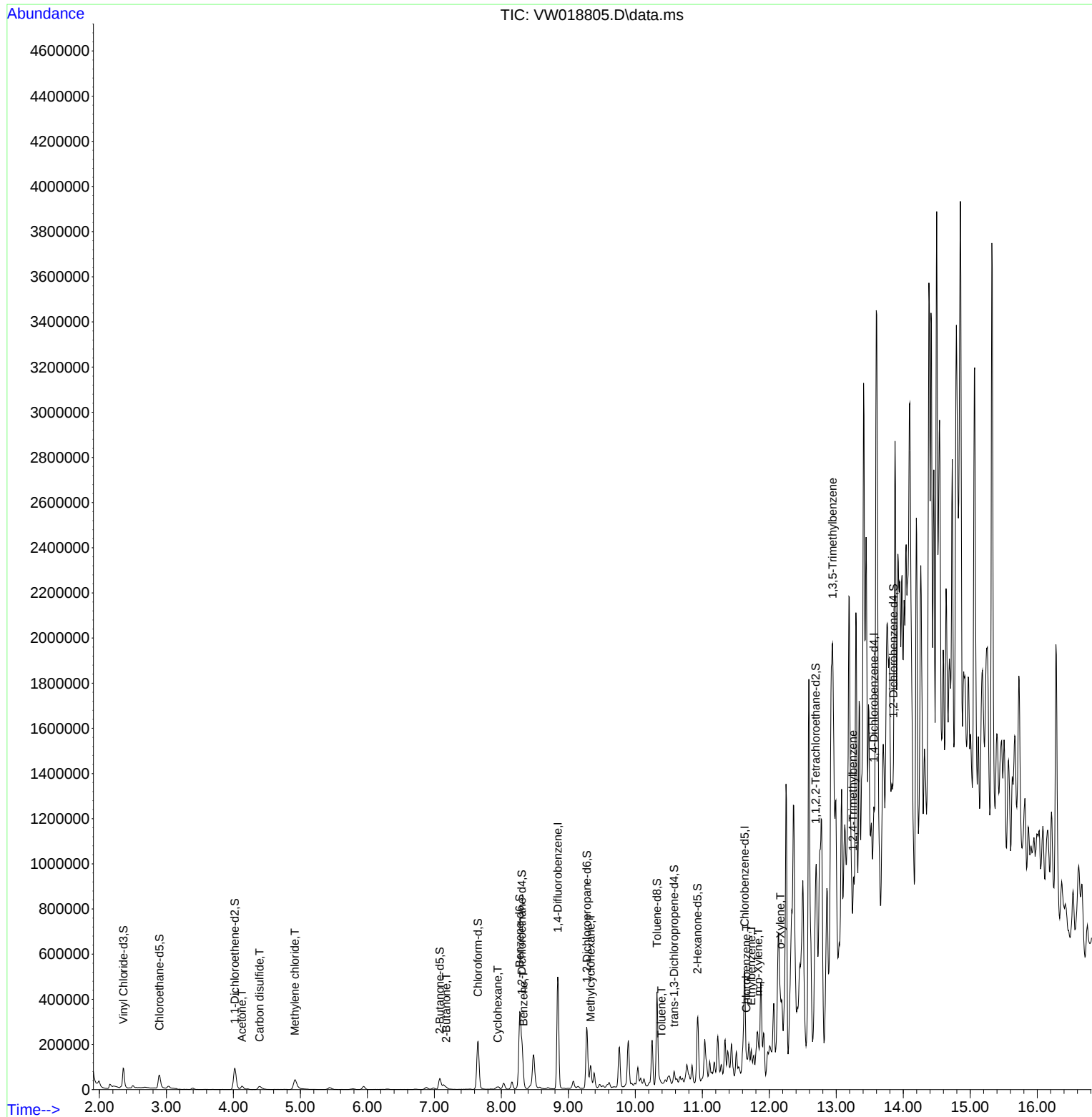
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Data File : VW018805.D
Acq On : 27 Apr 2021 15:57
Operator : SY/VA
Sample : M2177-06
Misc : 3.66G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

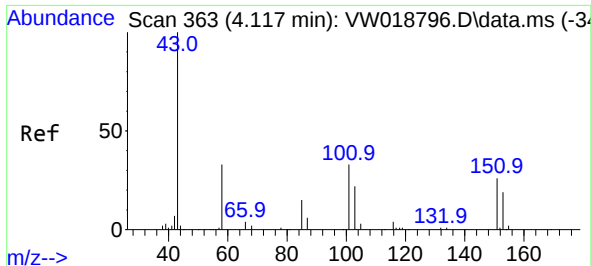
Instrument :
MSVOA_W
ClientSampleId :
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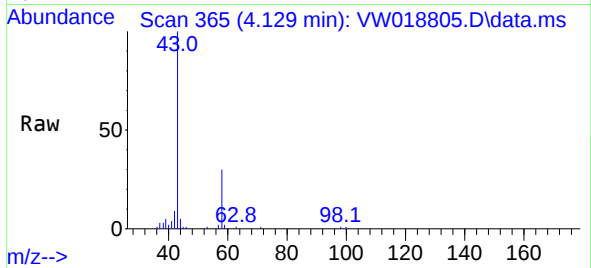
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Quant Time: Apr 28 00:43:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 28 00:41:12 2021
Response via : Initial Calibration

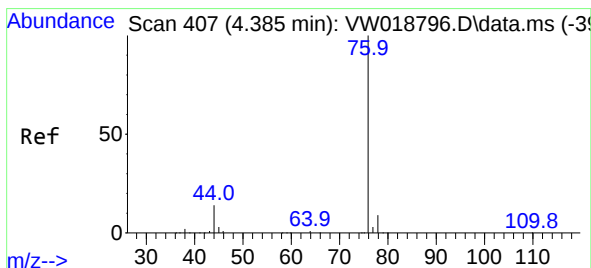
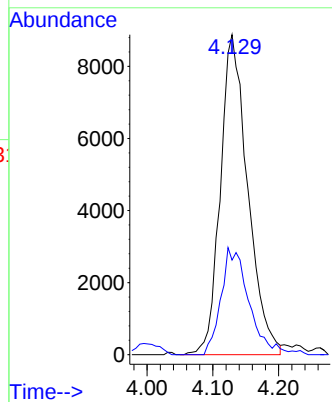
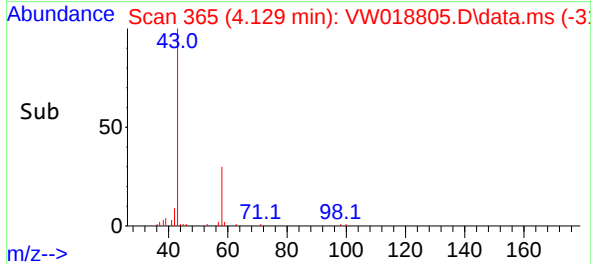




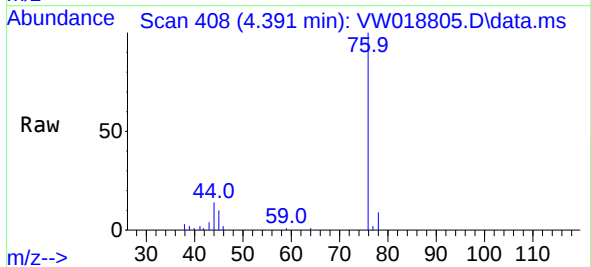
#13
Acetone
Concen: 24.79 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57



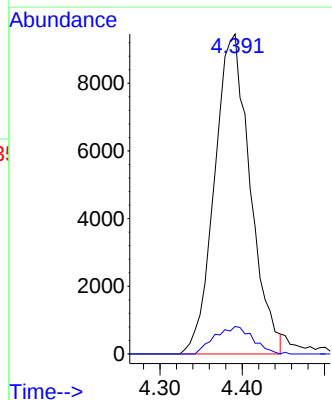
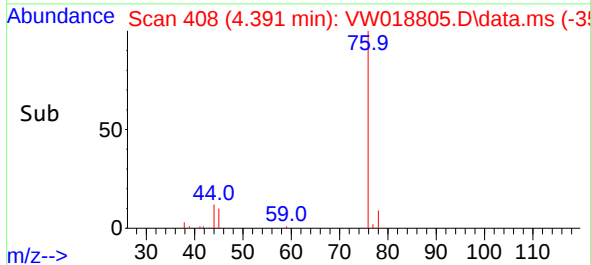
Tgt Ion: 43 Resp: 25735
Ion Ratio Lower Upper
43 100
58 15.1 0.0 53.8



#14
Carbon disulfide
Concen: 1.76 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57



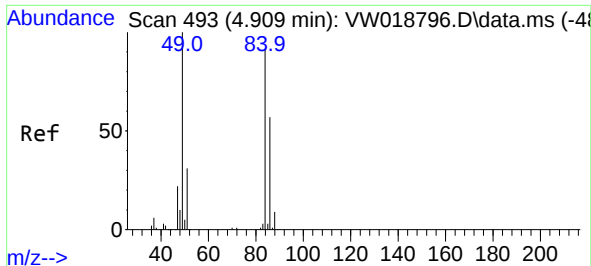
Tgt Ion: 76 Resp: 28453
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



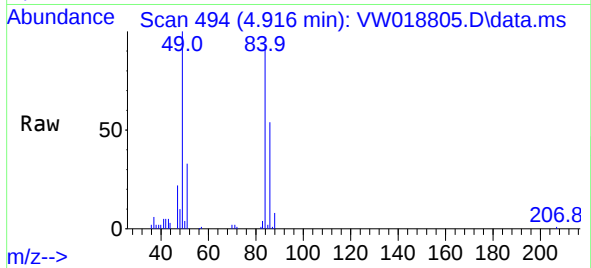
Instrument :
MSVOA_W
ClientSampled :
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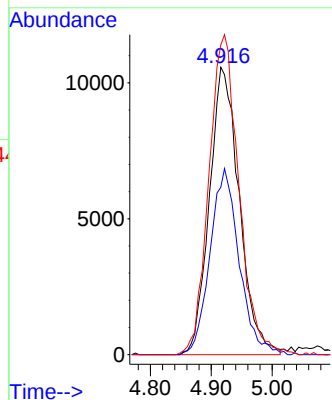


#16
Methylene chloride
Concen: 5.31 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018805.D
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Tgt Ion: 84 Resp: 36003

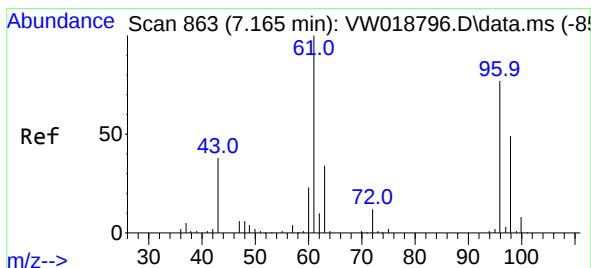
Ion	Ratio	Lower	Upper
84	100		
86	58.3	45.3	84.1
49	107.9	86.6	160.8



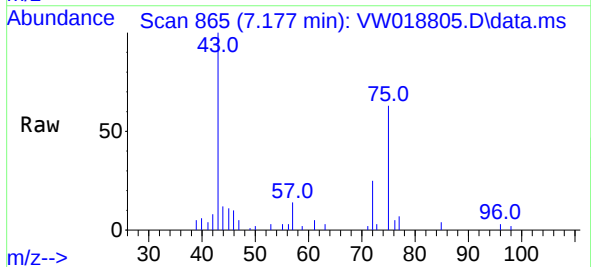
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ClientSampleId :
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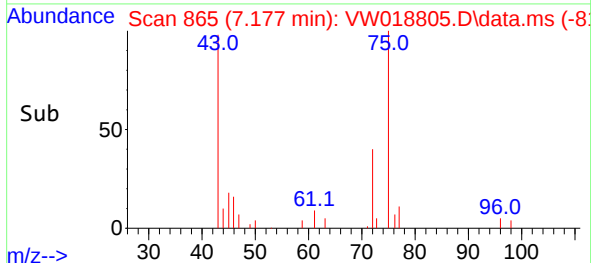
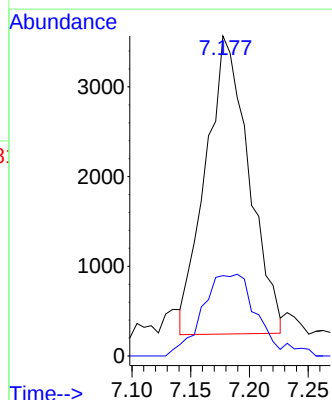


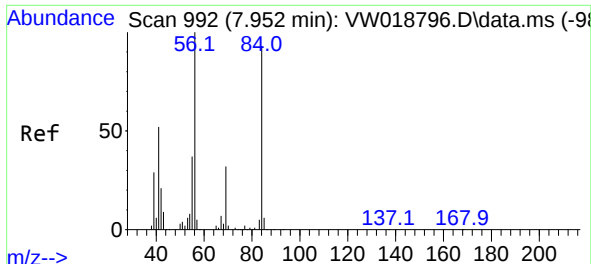
#22
2-Butanone
Concen: 5.39 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57



Tgt Ion: 43 Resp: 8507

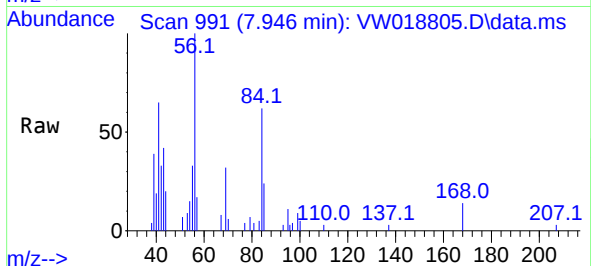
Ion	Ratio	Lower	Upper
43	100		
72	19.2	14.9	44.7





#29
Cyclohexane
Concen: 1.15 ug/L m
RT: 7.946 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57

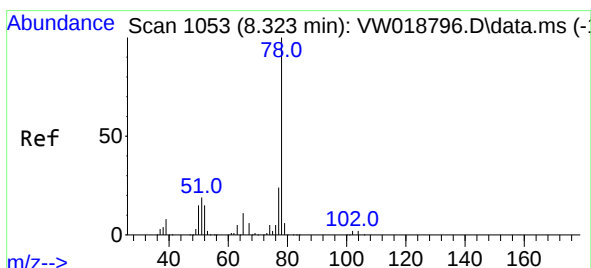
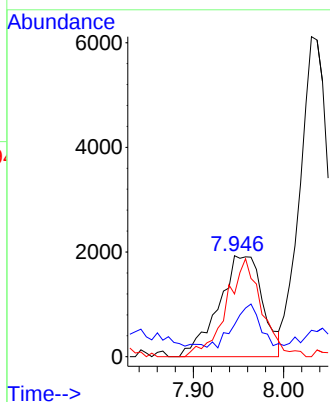
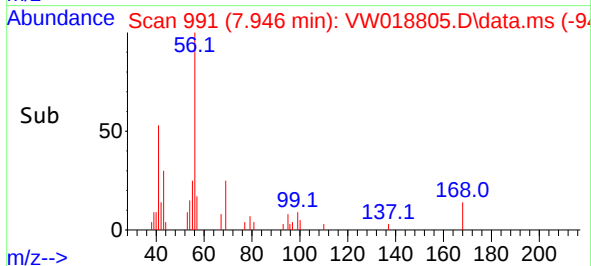
Instrument :
MSVOA_W
ClientSampled :
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Tgt Ion: 56 Resp: 6531
Ion Ratio Lower Upper
56 100
69 25.0 24.5 36.7
84 76.6 75.0 112.4

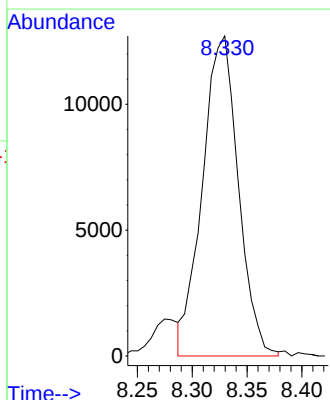
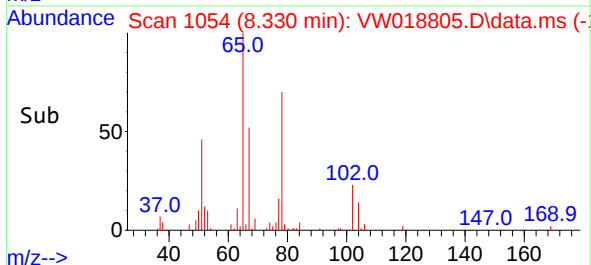
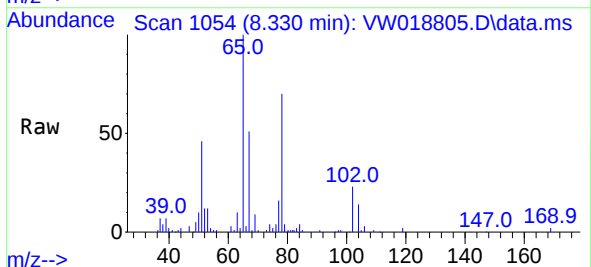
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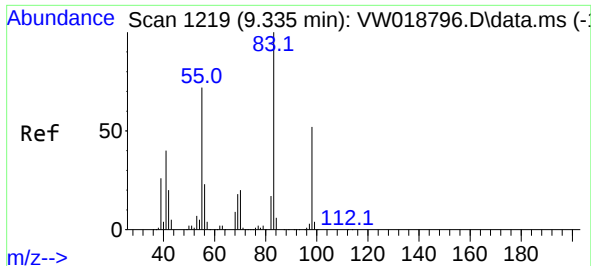
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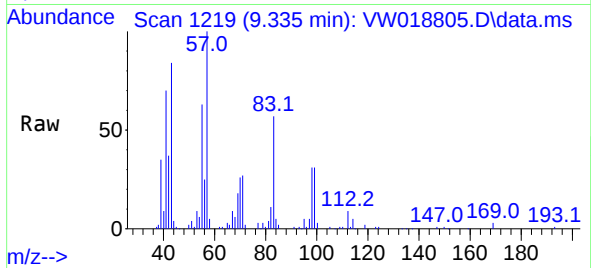
#33
Benzene
Concen: 2.00 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57

Tgt Ion: 78 Resp: 28940

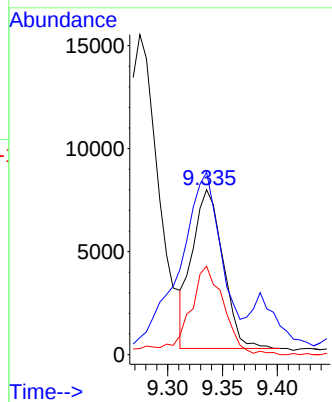
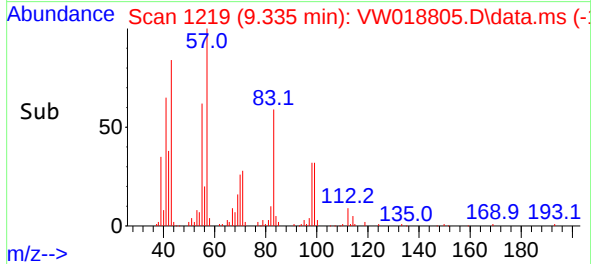




#35
Methylcyclohexane
Concen: 2.33 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57



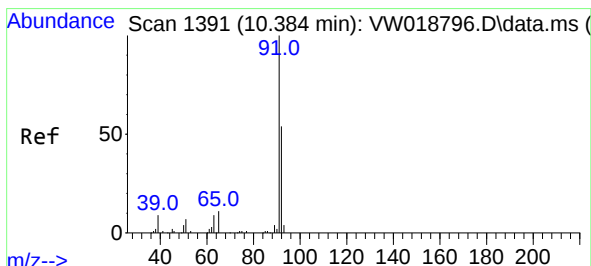
Tgt Ion: 83 Resp: 15044
Ion Ratio Lower Upper
83 100
55 153.3 58.9 88.3#
98 60.2 40.1 60.1#



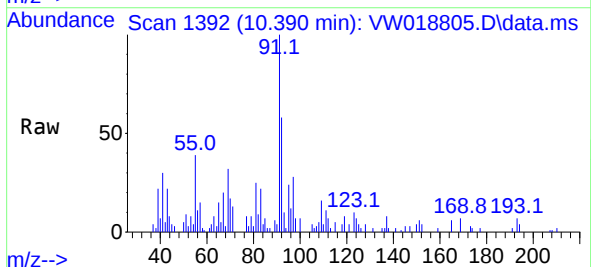
Instrument :
MSVOA_W
ClientSampled :
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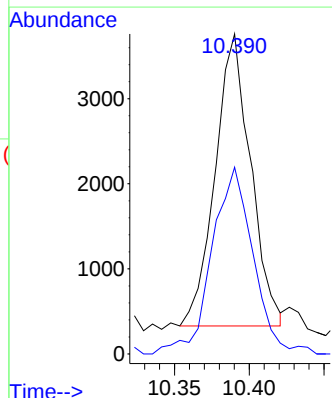
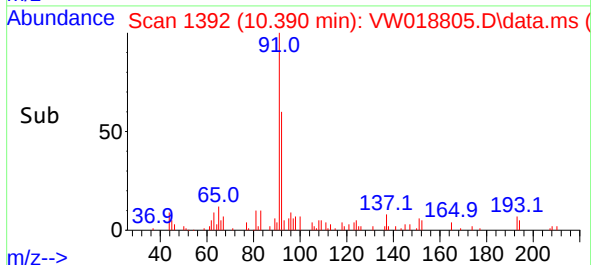
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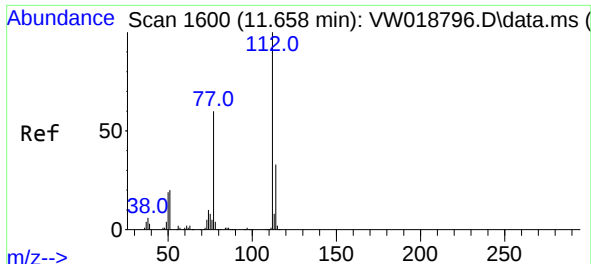


#42
Toluene
Concen: 0.37 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57

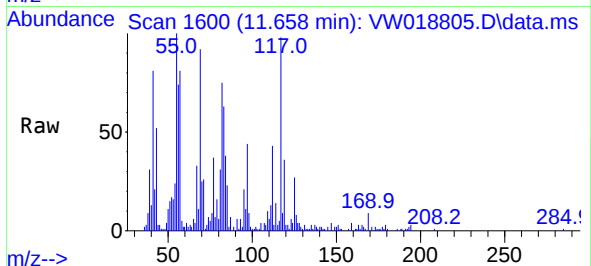


Tgt Ion: 91 Resp: 5668
Ion Ratio Lower Upper
91 100
92 58.4 39.5 73.3



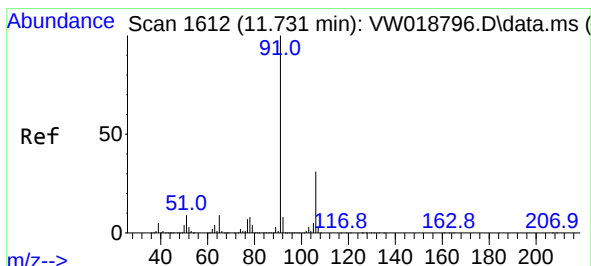
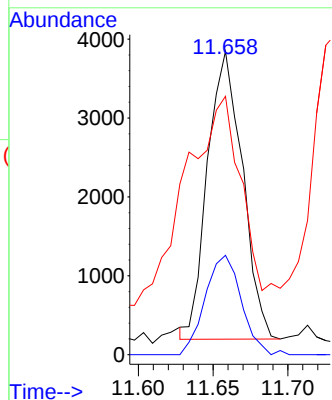
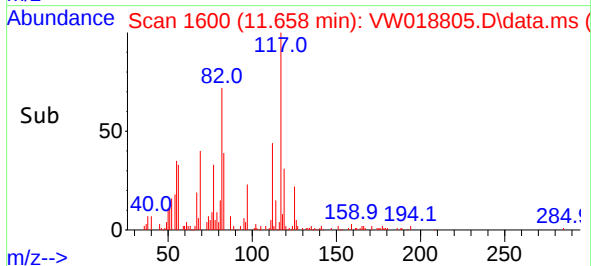


#51
Chlorobenzene
Concen: 0.62 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57

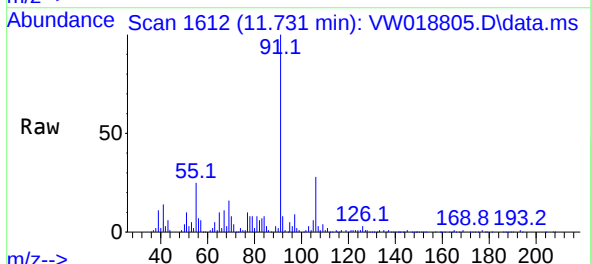


Tgt Ion: 112 Resp: 5922

Ion	Ratio	Lower	Upper
112	100		
114	32.7	23.4	43.6
77	85.2	47.6	71.4#

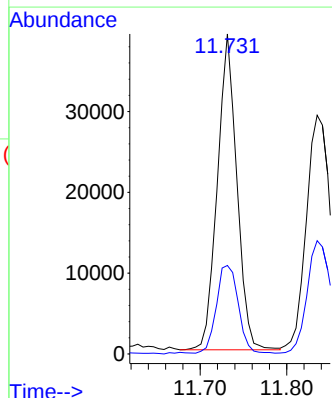
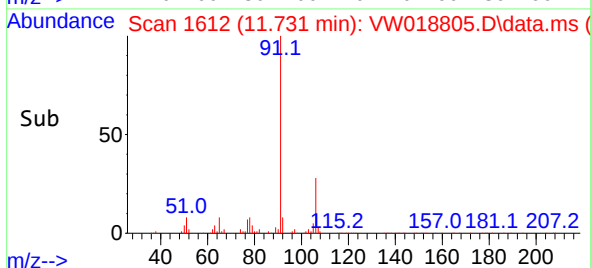


#52
Ethylbenzene
Concen: 3.57 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57



Tgt Ion: 91 Resp: 61168

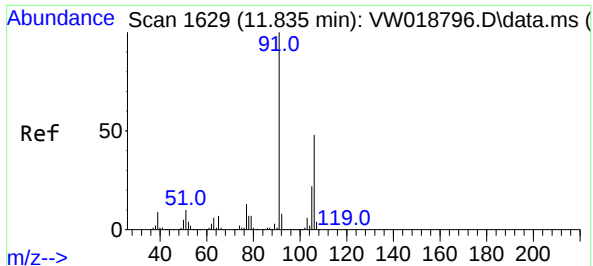
Ion	Ratio	Lower	Upper
91	100		
106	27.7	22.5	41.7



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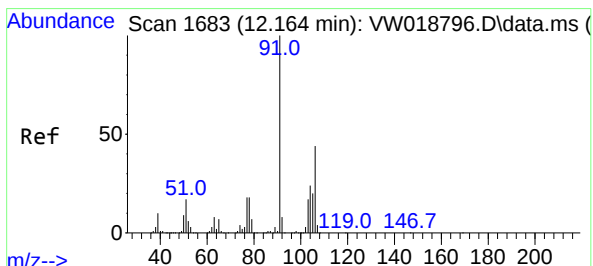
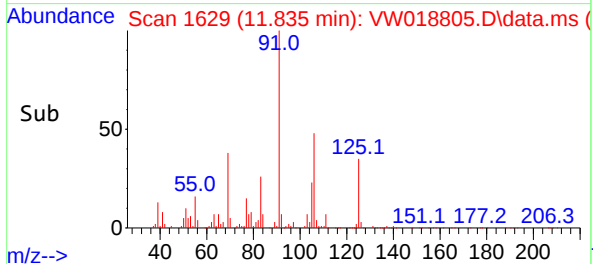
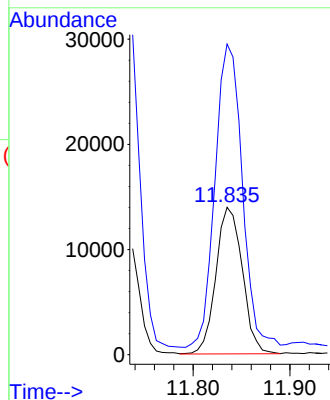
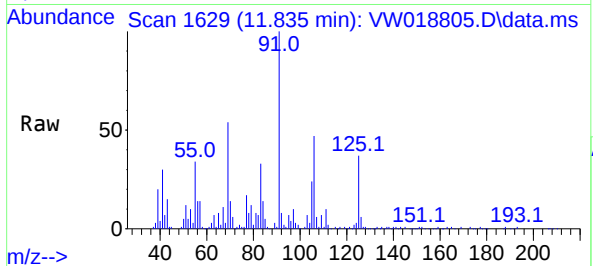
#53
m,p-Xylene
Concen: 4.20 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57

Tgt Ion:106 Resp: 26385
Ion Ratio Lower Upper
106 100
91 210.6 141.3 262.3

Instrument :
MSVOA_W
ClientSampled :
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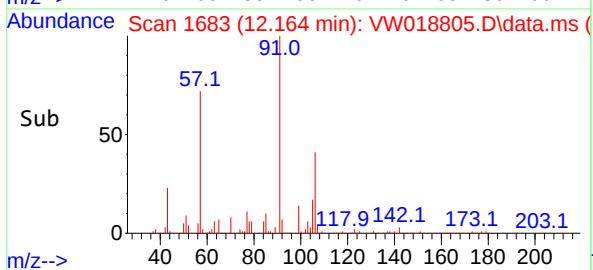
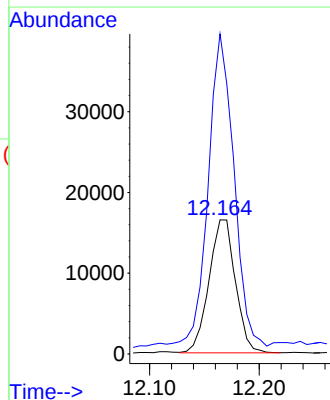
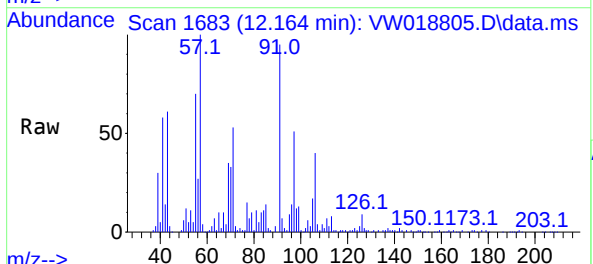
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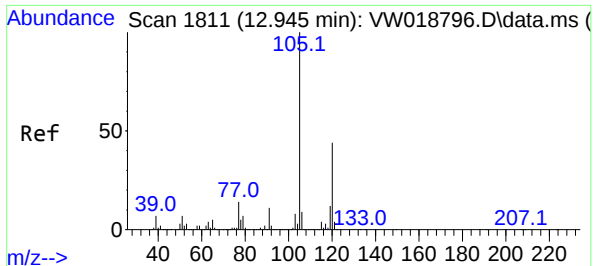
MMDadoda
4/29/2021 10:03:56 AM



#54
o-Xylene
Concen: 4.58 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57

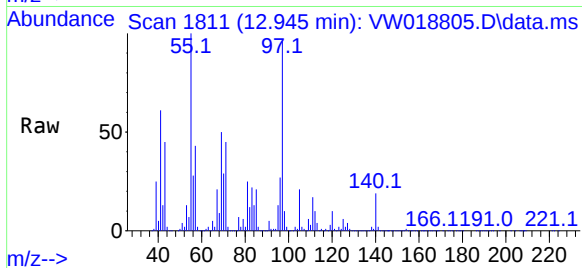
Tgt Ion:106 Resp: 27615
Ion Ratio Lower Upper
106 100
91 238.7 150.0 278.6





#62
1,3,5-Trimethylbenzene
Concen: 8.40 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57

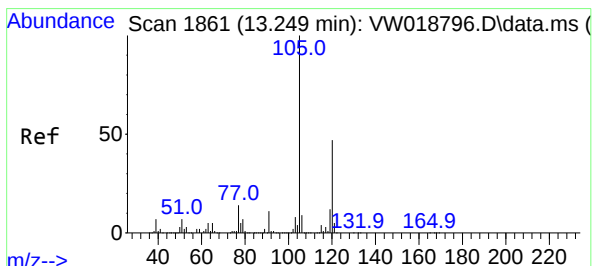
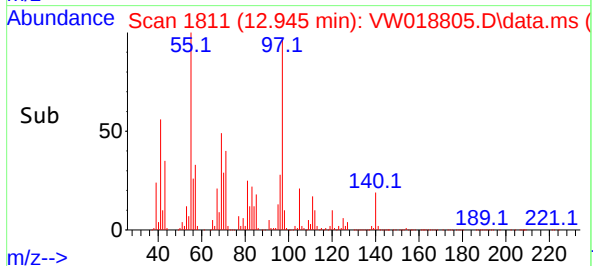
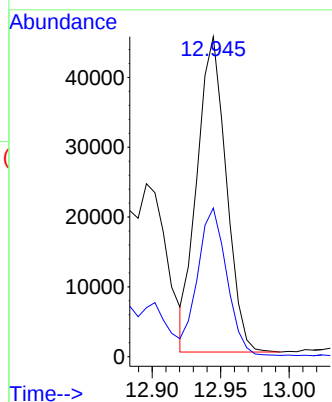
Instrument :
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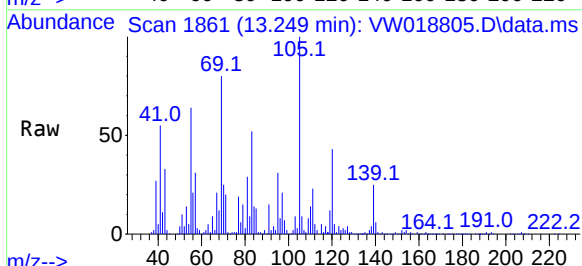
Tgt Ion:105 Resp: 66871
Ion Ratio Lower Upper
105 100
120 46.5 39.0 58.6

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#63
1,2,4-Trimethylbenzene
Concen: 16.01 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018805.D
Acq: 27 Apr 2021 15:57



Tgt Ion:105 Resp: 127167
Ion Ratio Lower Upper
105 100
120 42.7 35.6 53.4

