

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018606.D
 Acq On : 08 Apr 2021 16:43
 Operator : SY/VA
 Sample : M1968-05
 Misc : 4.75G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A9

Manual Integrations
 APPROVED

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 4/9/2021 7:55:42 PM

Quant Time: Apr 09 03:13:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	451139	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	369249	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	122580	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	114011	18.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.64%		
7) Chloroethane-d5	2.891	69	96406	17.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.16%		
10) 1,1-Dichloroethene-d2	4.019	63	135223	12.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.88%		
20) 2-Butanone-d5	7.080	46	57835	41.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.76%		
24) Chloroform-d	7.647	84	202128	17.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	70.36%		
26) 1,2-Dichloroethane-d4	8.305	65	123215	18.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.48%		
29) Benzene-d6	8.275	84	387327	19.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.92%		
33) 1,2-Dichloropropane-d6	9.274	67	115278	20.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.44%		
37) Toluene-d8	10.323	98	358867	18.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.96%		
38) trans-1,3-Dichloroprop...	10.579	79	43841	15.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	60.04%		
39) 2-Hexanone-d5	10.927	63	45622	41.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.34%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	101827	20.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	75498	17.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	69.28%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	11033	1.29	ug/L	# 74
13) Acetone	4.129	43	15407	15.34	ug/L	68
14) Carbon disulfide	4.385	76	54433	3.19	ug/L	100
16) Methylene chloride	4.915	84	22047	2.98	ug/L	99
21) 2-Butanone	7.196	43	4812m	3.02	ug/L	
22) cis-1,2-Dichloroethene	7.165	96	1397	0.21	ug/L	82
35) Trichloroethene	9.098	95	1231	0.21	ug/L	86
44) Toluene	10.390	91	10499	0.43	ug/L	94

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

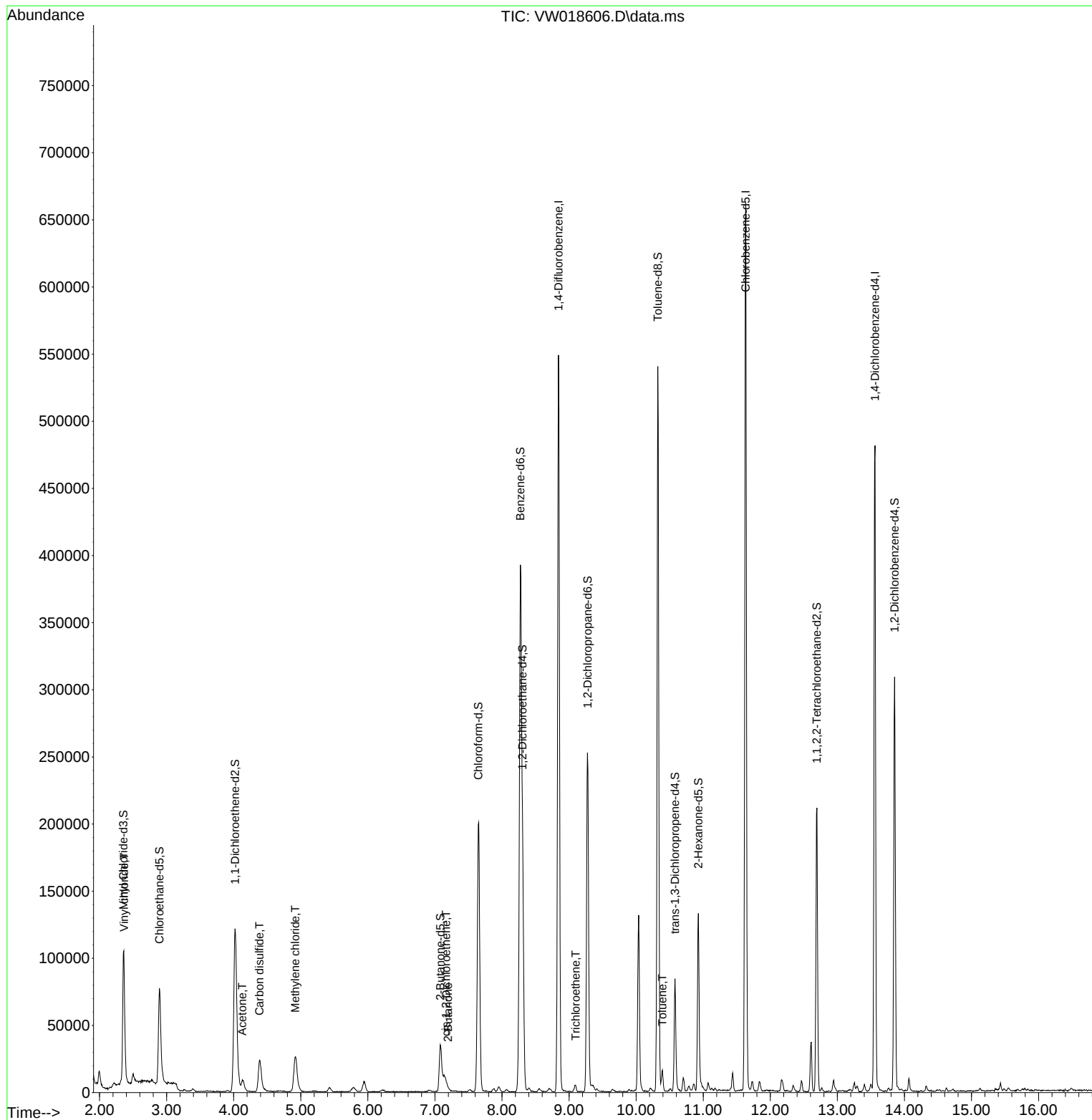
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018606.D
Acq On : 08 Apr 2021 16:43
Operator : SY/VA
Sample : M1968-05
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

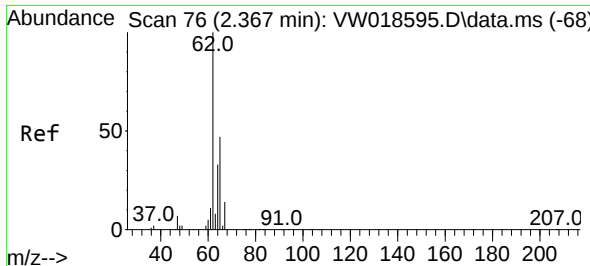
Instrument :
MSVOA_W
ClientSampleId :
BG5A9

Manual Integrations
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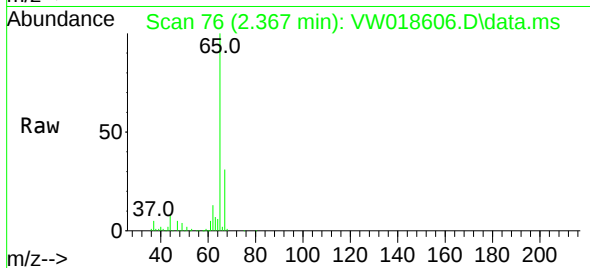
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1.29 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018606.D
 Acq: 08 Apr 2021 16:43

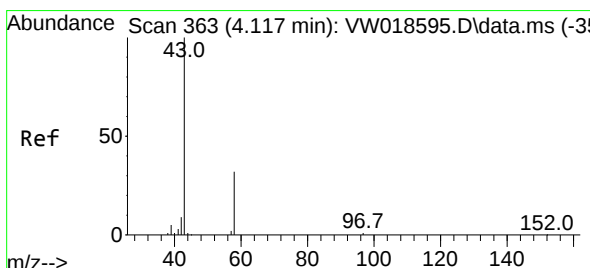
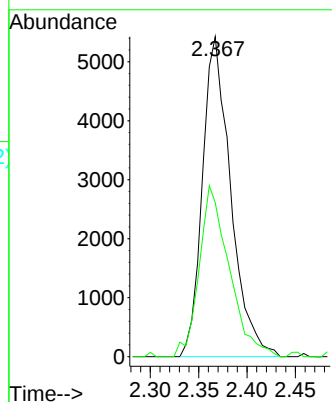
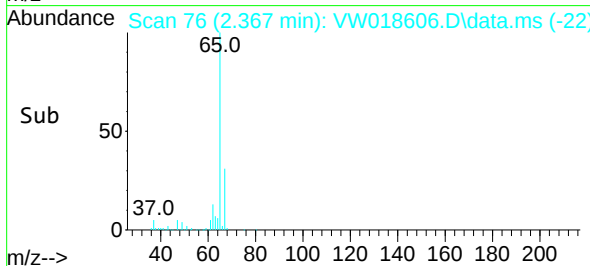
Instrument :
 MSVOA_W
 ClientSampled :
 BG5A9



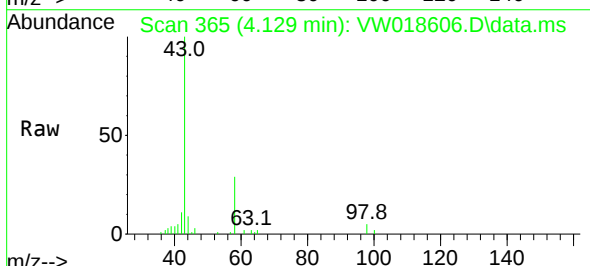
Tgt Ion: 62 Resp: 11033
 Ion Ratio Lower Upper
 62 100
 64 48.2 23.5 43.7#

Manual Integrations
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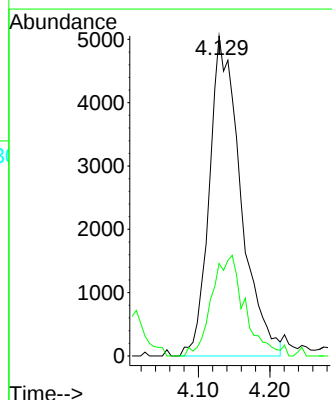
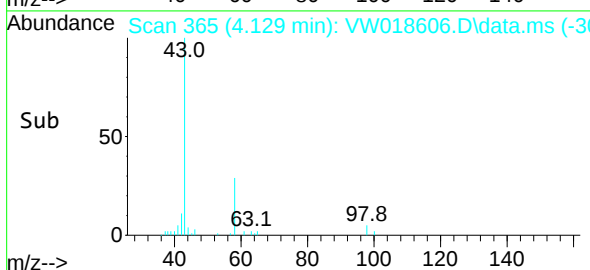
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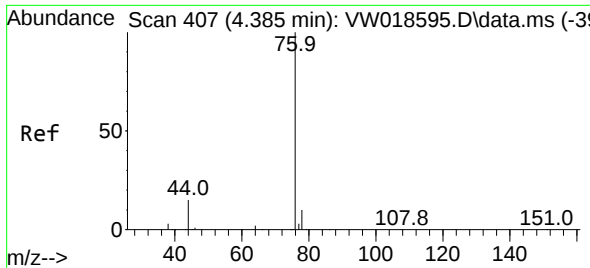


#13
 Acetone
 Concen: 15.34 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.012 min
 Lab File: VW018606.D
 Acq: 08 Apr 2021 16:43

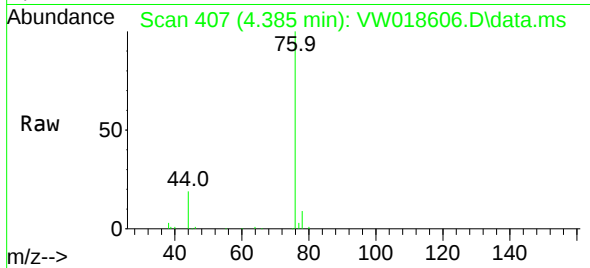


Tgt Ion: 43 Resp: 15407
 Ion Ratio Lower Upper
 43 100
 58 13.6 0.0 62.2

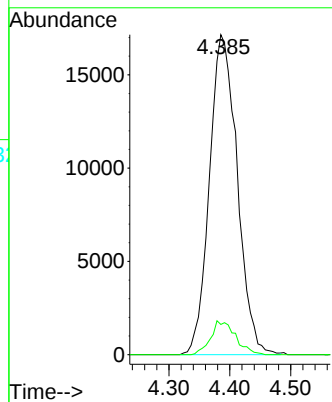
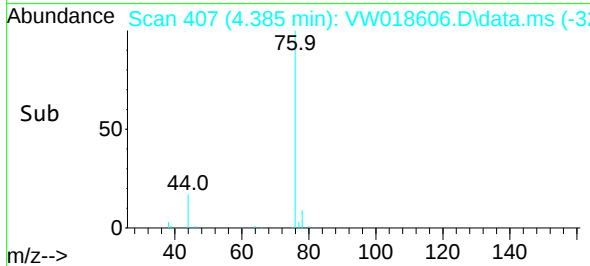




#14
Carbon disulfide
Concen: 3.19 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018606.D
Acq: 08 Apr 2021 16:43



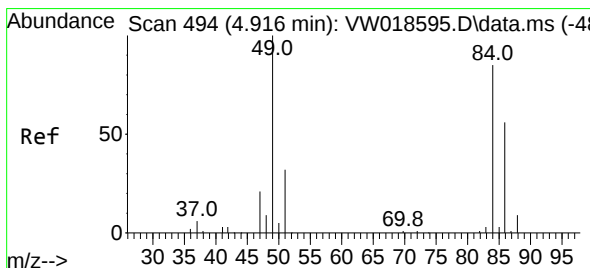
Tgt Ion: 76 Resp: 54433
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



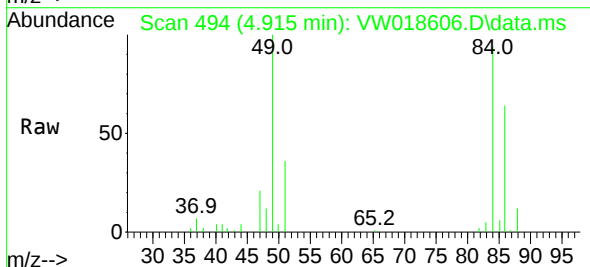
Instrument :
MSVOA_W
ClientSampled :
BG5A9

Manual Integrations
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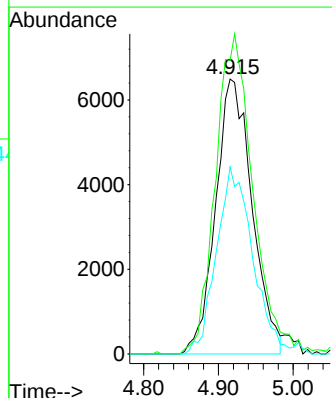
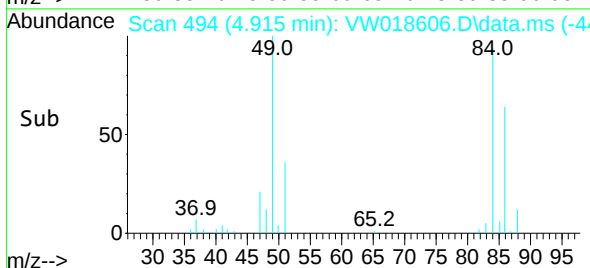
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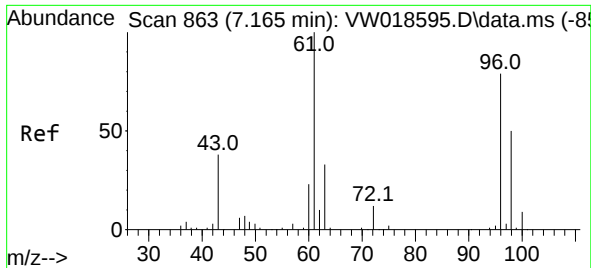


#16
Methylene chloride
Concen: 2.98 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018606.D
Acq: 08 Apr 2021 16:43



Tgt Ion: 84 Resp: 22047
Ion Ratio Lower Upper
84 100
49 106.8 74.4 138.2
86 68.0 46.1 85.7





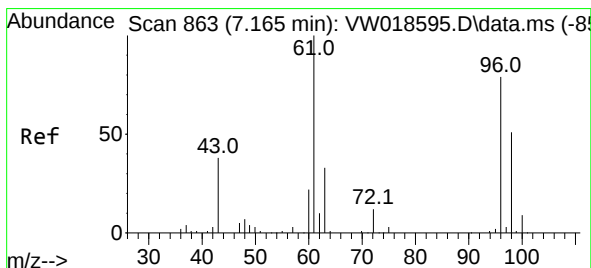
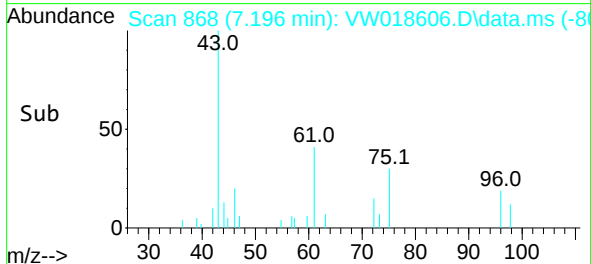
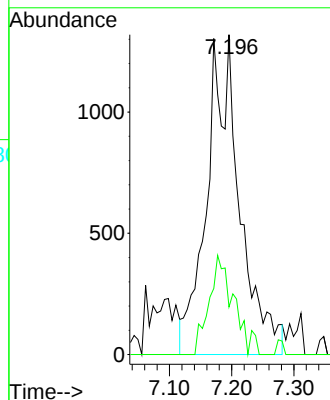
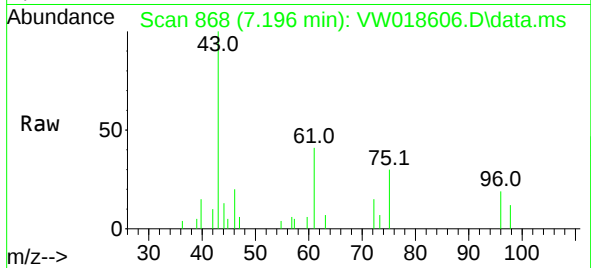
#21
2-Butanone
Concen: 3.02 ug/L m
RT: 7.196 min Scan# 868
Delta R.T. 0.030 min
Lab File: VW018606.D
Acq: 08 Apr 2021 16:43

Tgt Ion: 43 Resp: 4812
Ion Ratio Lower Upper
43 100
72 16.9 16.5 49.5

Instrument :
MSVOA_W
ClientSampled :
BG5A9

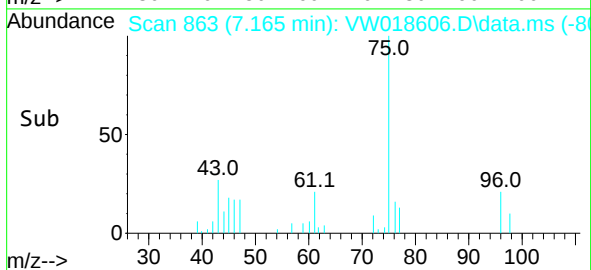
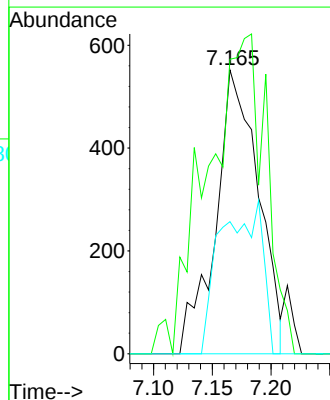
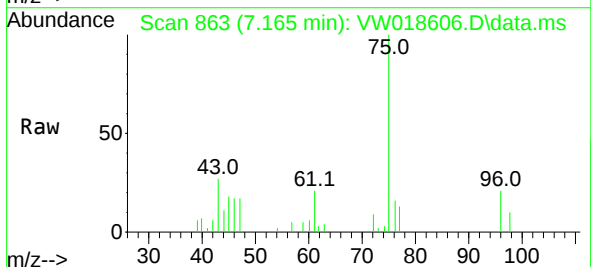
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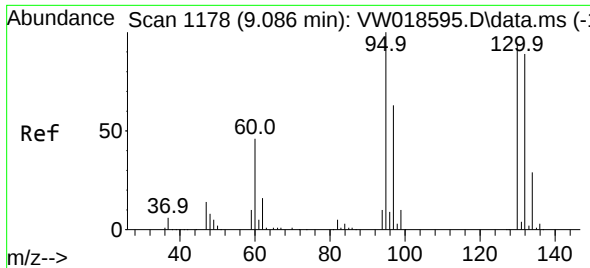
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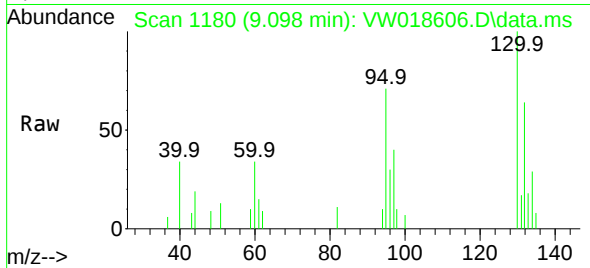
#22
cis-1,2-Dichloroethene
Concen: 0.21 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018606.D
Acq: 08 Apr 2021 16:43

Tgt Ion: 96 Resp: 1397
Ion Ratio Lower Upper
96 100
61 103.8 84.8 157.6
98 46.6 45.1 83.9



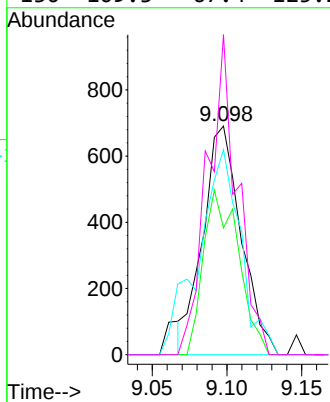


#35
Trichloroethene
Concen: 0.21 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.012 min
Lab File: VW018606.D
Acq: 08 Apr 2021 16:43



Tgt Ion: 95 Resp: 1231

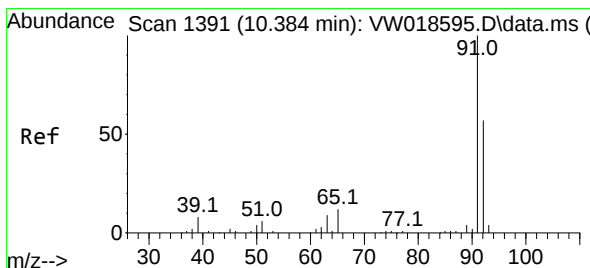
Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.4	82.4
132	73.3	65.9	122.5
130	109.3	67.4	125.2



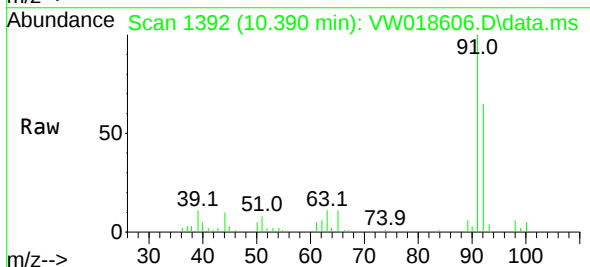
Instrument :
MSVOA_W
ClientSampled :
BG5A9

Manual Integrations
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#44
Toluene
Concen: 0.43 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018606.D
Acq: 08 Apr 2021 16:43



Tgt Ion: 91 Resp: 10499

Ion	Ratio	Lower	Upper
91	100		
92	65.0	42.3	78.5

