

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020866.D
 Acq On : 02 Apr 2021 02:45
 Operator : SY/MD
 Sample : M1845-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1C7

Manual Integrations
 APPROVED

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 4/6/2021 3:10:33 PM

Quant Time: Apr 02 08:33:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 08:30:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	634250	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	617930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	302338	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	236680	52.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.12%			
7) Chloroethane-d5	1.571	69	131817	38.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.44%			
11) 1,1-Dichloroethene-d2	2.108	63	297265	34.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.98%			
21) 2-Butanone-d5	3.918	46	263319	89.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.89%			
24) Chloroform-d	4.352	84	432705	48.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.70%			
26) 1,2-Dichloroethane-d4	5.034	65	299428	50.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.58%			
32) Benzene-d6	5.053	84	779507	47.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.66%			
36) 1,2-Dichloropropane-d6	6.079	67	234273	46.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.66%			
41) Toluene-d8	7.320	98	722879	47.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.30%			
43) trans-1,3-Dichloroprop...	7.625	79	130532	48.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.04%			
47) 2-Hexanone-d5	8.092	63	216286	102.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.02%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	347936	47.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.48%			
64) 1,2-Dichlorobenzene-d4	11.632	152	296963	50.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.22%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	10044557	2072.87	ug/L	92
12) 1,1-Dichloroethene	2.121	96	85261	23.04	ug/L #	83
13) Acetone	2.192	43	8678	4.15	ug/L	61
17) trans-1,2-Dichloroethene	2.764	96	157856	37.19	ug/L	93
20) cis-1,2-Dichloroethene	3.899	96	33975609m	7481.59	ug/L	
34) Trichloroethene	5.915	95	35888317m	7681.45	ug/L	
42) Toluene	7.397	91	36316	1.96	ug/L	96
46) Tetrachloroethene	7.982	164	10926	2.80	ug/L	95
68) 1,2,4-trichlorobenzene	13.271	180	28315	4.67	ug/L	98

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

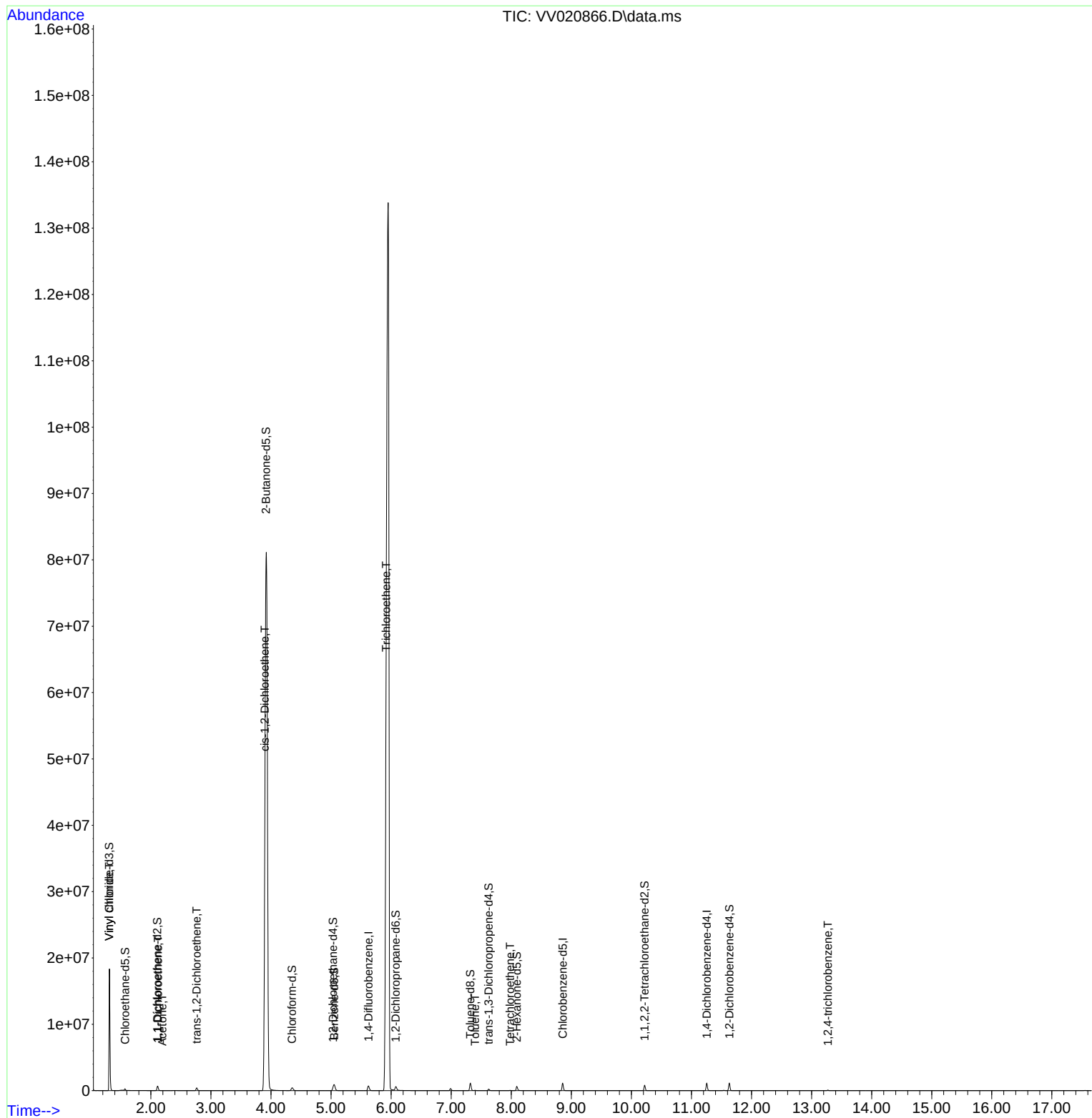
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
Data File : VV020866.D
Acq On : 02 Apr 2021 02:45
Operator : SY/MD
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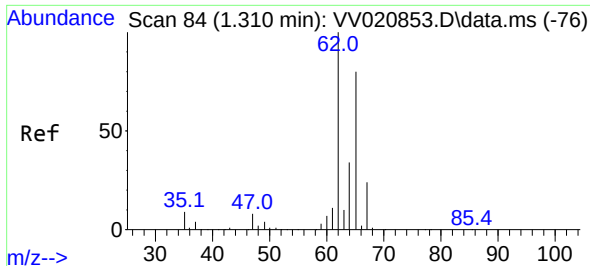
Instrument :
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Response via : Initial Calibration





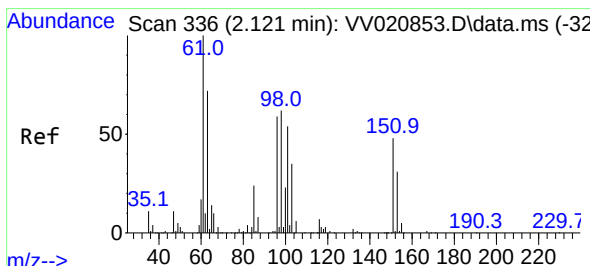
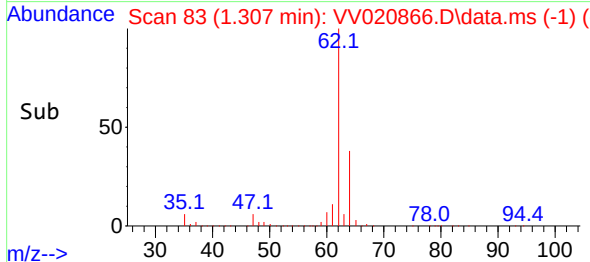
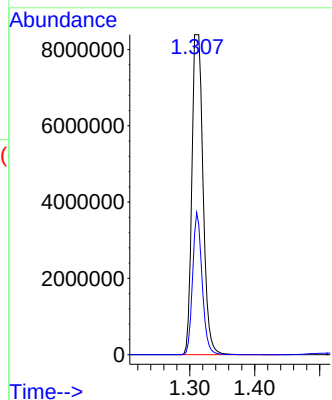
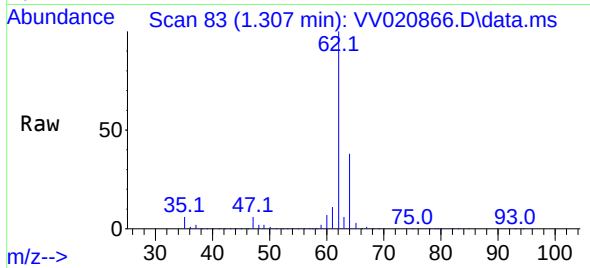
#5
 Vinyl chloride
 Concen: 2072.87 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV020866.D
 Acq: 02 Apr 2021 02:45

Instrument :
 MSVOA_V
 ClientSampled :
 EW1C7

Tgt Ion: 62 Resp:10044557
 Ion Ratio Lower Upper
 62 100
 64 37.7 23.3 43.3

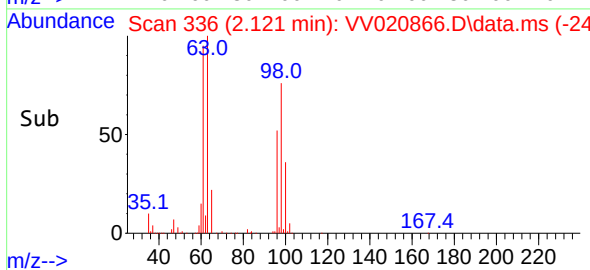
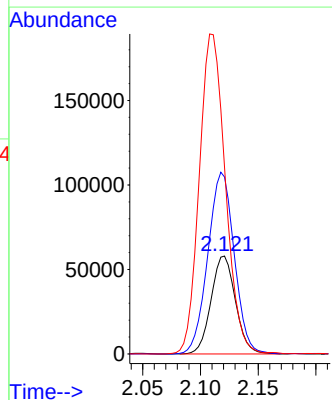
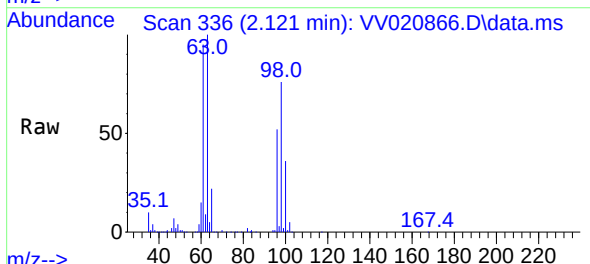
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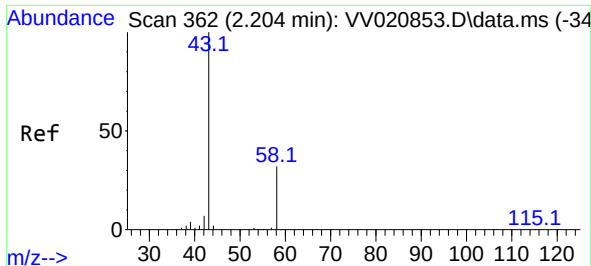
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#12
 1,1-Dichloroethene
 Concen: 23.04 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020866.D
 Acq: 02 Apr 2021 02:45

Tgt Ion: 96 Resp: 85261
 Ion Ratio Lower Upper
 96 100
 61 180.6 126.3 234.6
 63 190.8 100.2 186.2#





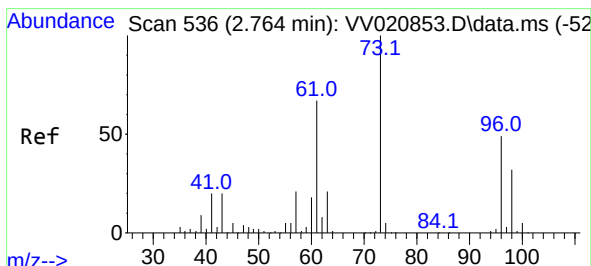
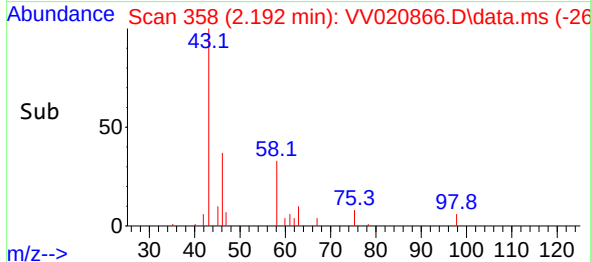
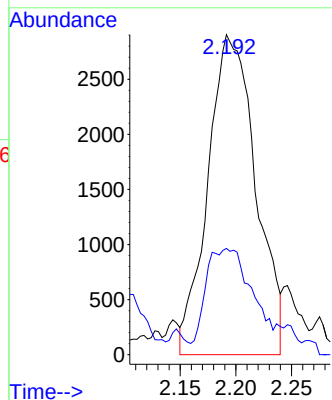
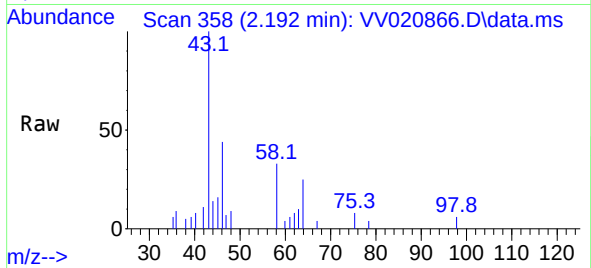
#13
Acetone
Concen: 4.15 ug/L
RT: 2.192 min Scan# 358
Delta R.T. -0.013 min
Lab File: VV020866.D
Acq: 02 Apr 2021 02:45

Tgt Ion: 43 Resp: 8678
Ion Ratio Lower Upper
43 100
58 9.2 0.0 60.8

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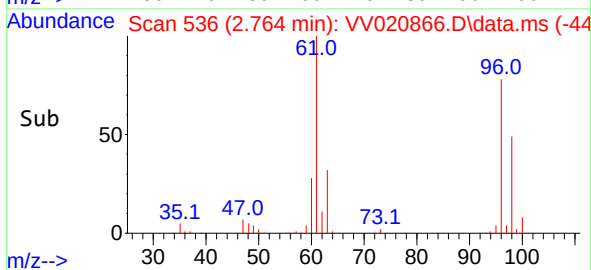
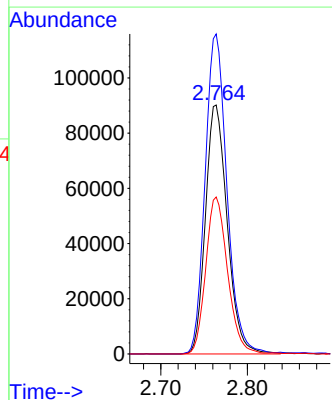
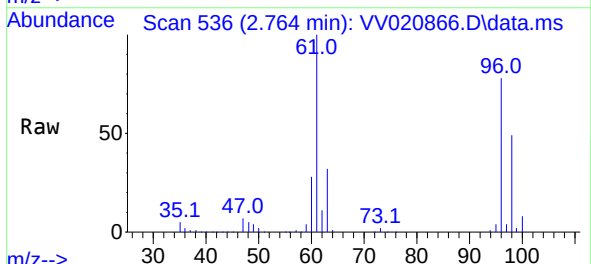
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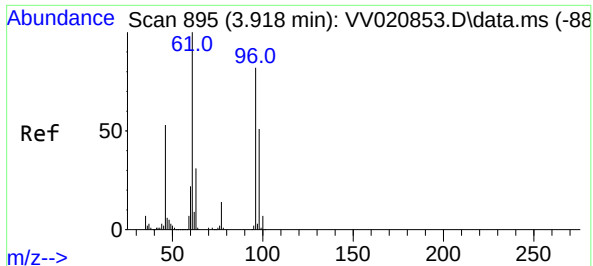
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#17
trans-1,2-Dichloroethene
Concen: 37.19 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV020866.D
Acq: 02 Apr 2021 02:45

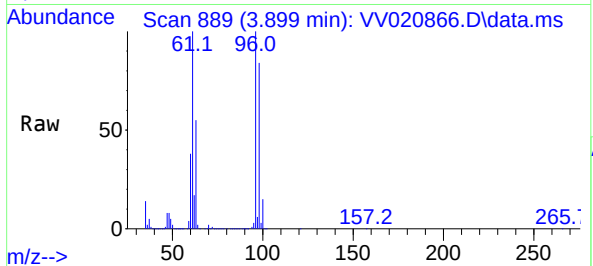
Tgt Ion: 96 Resp: 157856
Ion Ratio Lower Upper
96 100
61 128.5 97.9 181.9
98 63.1 43.9 81.5





#20
cis-1,2-Dichloroethene
Concen: 7481.59 ug/L m
RT: 3.899 min Scan# 889
Delta R.T. -0.019 min
Lab File: VV020866.D
Acq: 02 Apr 2021 02:45

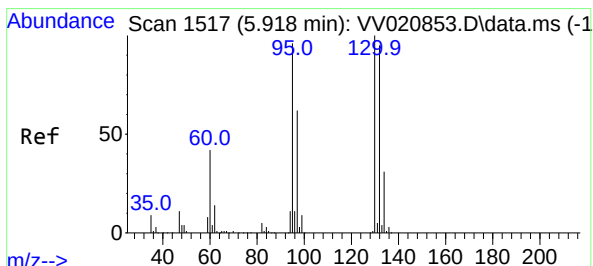
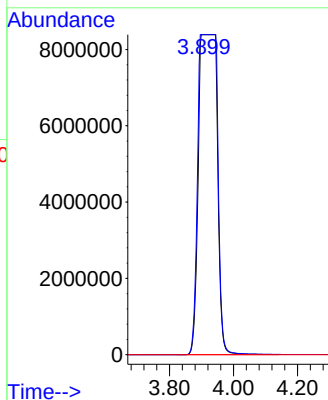
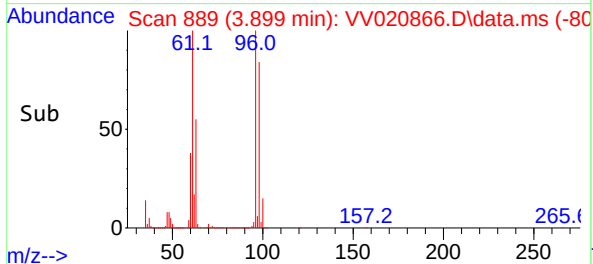
Instrument :
MSVOA_V
ClientSampled :
EW1C7



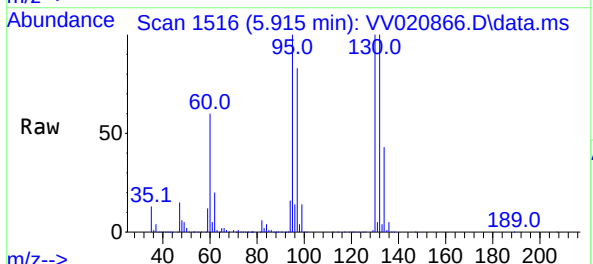
Tgt Ion: 96 Resp:33975609
Ion Ratio Lower Upper
96 100
61 100.0 89.9 167.0
68 0.0 0.0 0.0#

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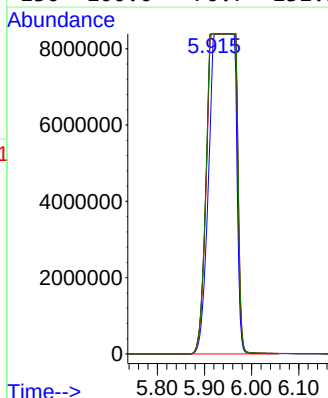
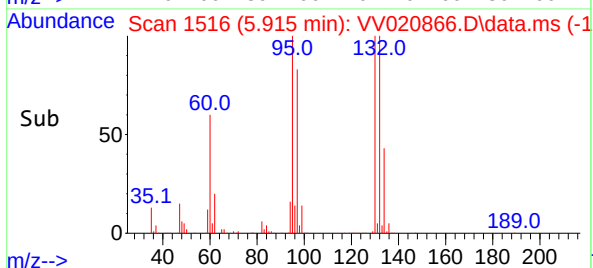
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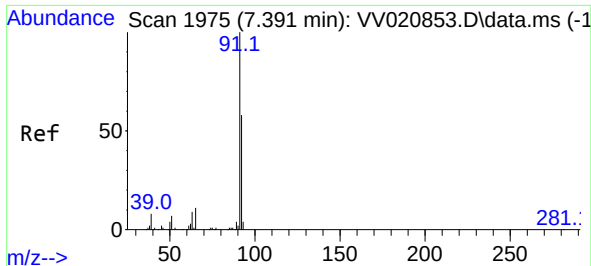


#34
Trichloroethene
Concen: 7681.45 ug/L m
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020866.D
Acq: 02 Apr 2021 02:45



Tgt Ion: 95 Resp:35888317
Ion Ratio Lower Upper
95 100
97 82.9 43.5 80.9#
132 100.0 69.5 129.1
130 100.0 70.7 131.3





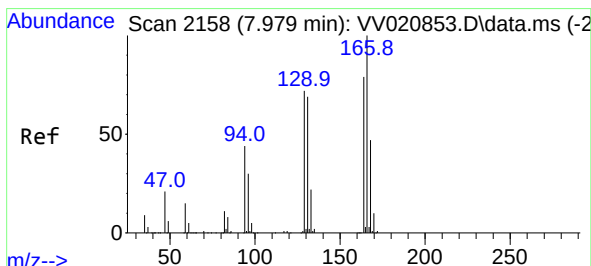
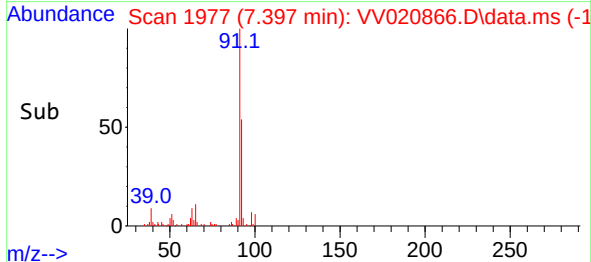
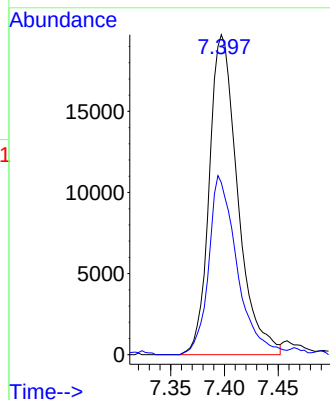
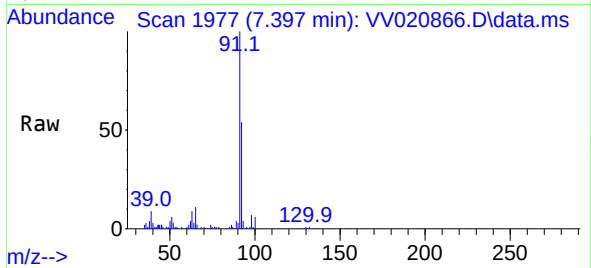
#42
Toluene
Concen: 1.96 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV020866.D
Acq: 02 Apr 2021 02:45

Tgt Ion: 91 Resp: 36316
Ion Ratio Lower Upper
91 100
92 53.7 39.9 74.1

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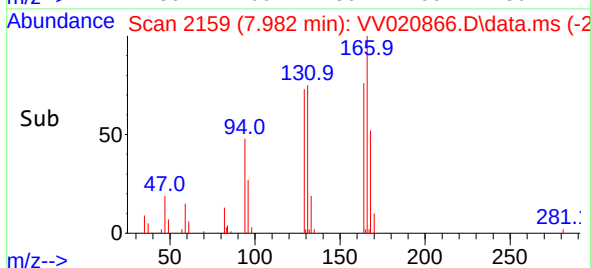
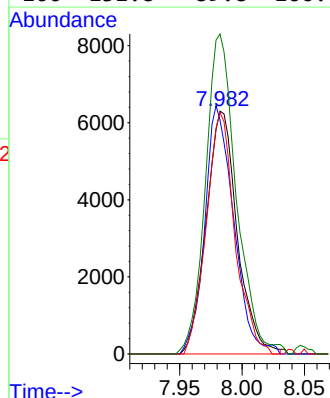
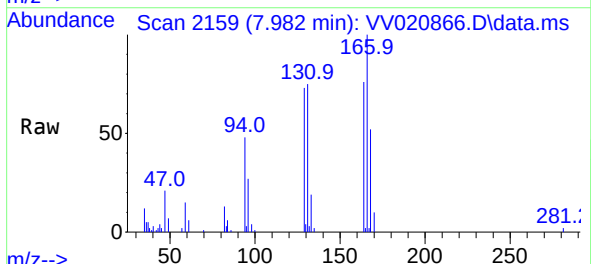
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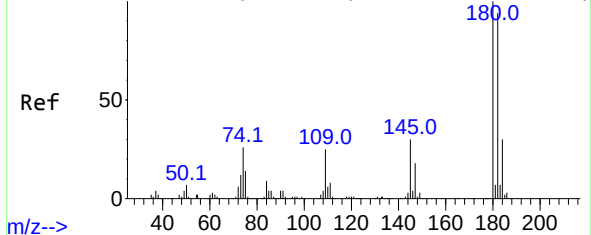


#46
Tetrachloroethene
Concen: 2.80 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV020866.D
Acq: 02 Apr 2021 02:45

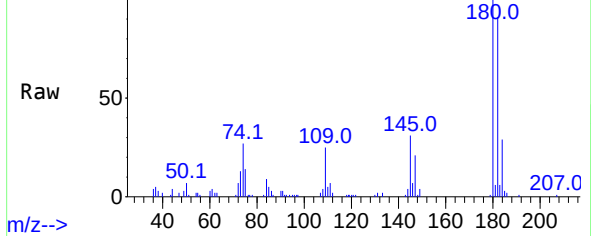
Tgt Ion: 164 Resp: 10926
Ion Ratio Lower Upper
164 100
129 96.3 64.3 119.5
131 99.4 63.5 117.9
166 131.8 89.8 166.8



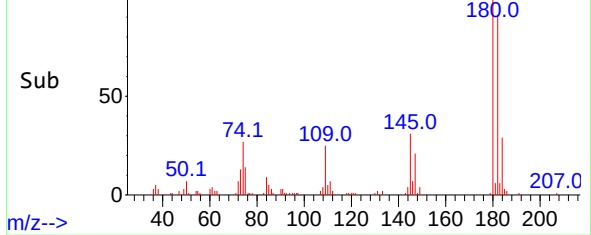
Abundance Scan 3803 (13.268 min): VV020853.D\data.ms (-



m/z--> Abundance Scan 3804 (13.271 min): VV020866.D\data.ms (-



Abundance Scan 3804 (13.271 min): VV020866.D\data.ms (-



m/z-->

#68

1,2,4-trichlorobenzene

Concen: 4.67 ug/L

RT: 13.271 min Scan# 3804

Delta R.T. 0.003 min

Lab File: VV020866.D

Acq: 02 Apr 2021 02:45

Tgt Ion:180 Resp: 28315

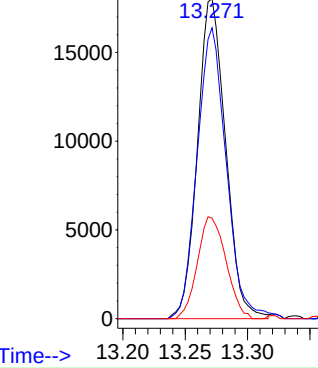
Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.6

145 32.3 23.9 35.9

Abundance



Instrument :

MSVOA_V

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Manual Integrations

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