

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022407.D
 Acq On : 30 Sep 2021 03:20
 Operator : SY/MD
 Sample : M3979-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A08

Manual Integrations
 APPROVED

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 9/30/2021 1:55:11 PM

Quant Time: Sep 30 07:09:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	238941	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	239342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	102089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70310	34.673	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.340%		
7) Chloroethane-d5	1.564	69	65673	40.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.900%		
11) 1,1-Dichloroethene-d2	2.101	63	104312	29.587	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.180%#		
21) 2-Butanone-d5	3.899	46	153409	107.198	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.200%		
24) Chloroform-d	4.349	84	161555	44.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.240%		
26) 1,2-Dichloroethane-d4	5.034	65	102810	45.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.580%		
32) Benzene-d6	5.050	84	330068	43.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.680%		
36) 1,2-Dichloropropane-d6	6.072	67	112166	46.565	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.120%		
41) Toluene-d8	7.317	98	297329	43.143	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.280%		
43) trans-1,3-Dichloroprop...	7.625	79	43695	39.724	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.440%		
47) 2-Hexanone-d5	8.092	63	103755	106.003	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.000%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154270	44.119	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.240%		
66) 1,2-Dichlorobenzene-d4	11.625	152	115973	51.088	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.180%		
Target Compounds					Qvalue	
13) Acetone	2.195	43	7490m	6.668	ug/L	
20) cis-1,2-Dichloroethene	3.912	96	7632	3.954	ug/L	92
34) Trichloroethene	5.918	95	18225	9.703	ug/L	97
46) Tetrachloroethene	7.976	164	838169	541.937	ug/L	98

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

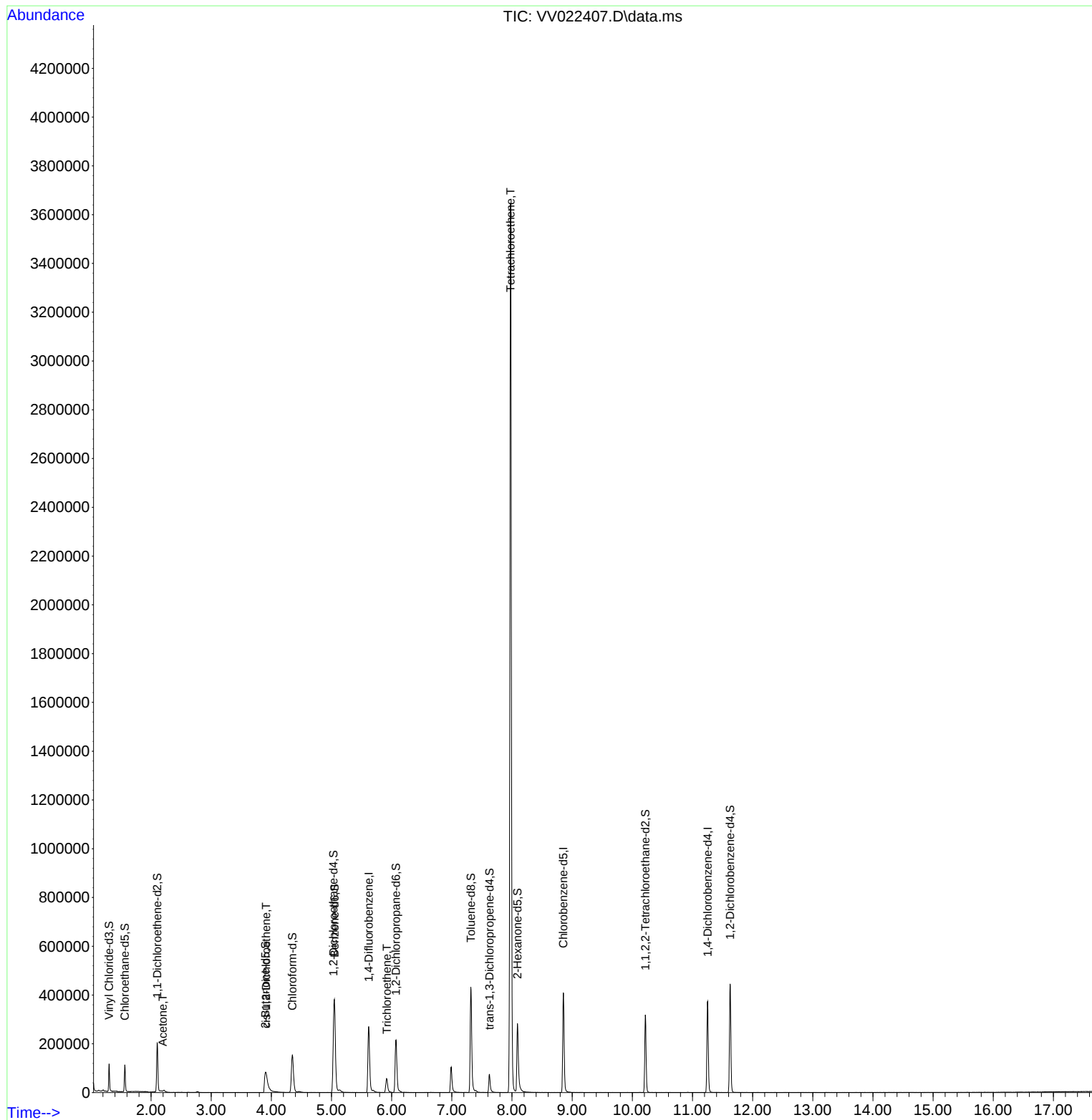
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
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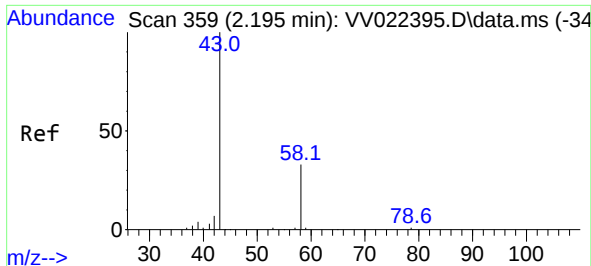
Instrument :
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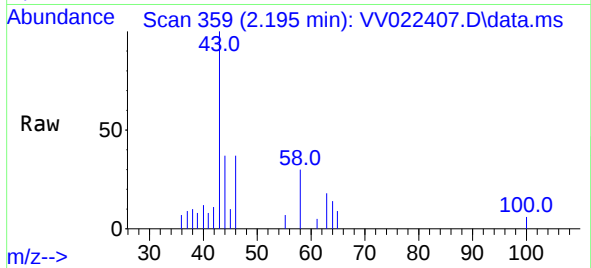
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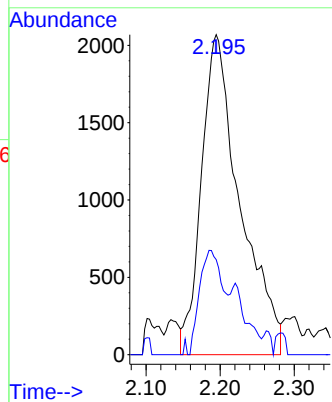
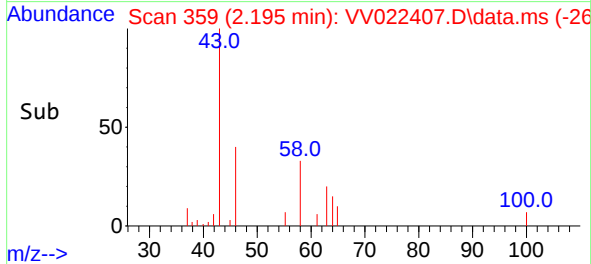




#13
Acetone
Concen: 6.668 ug/L m
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20



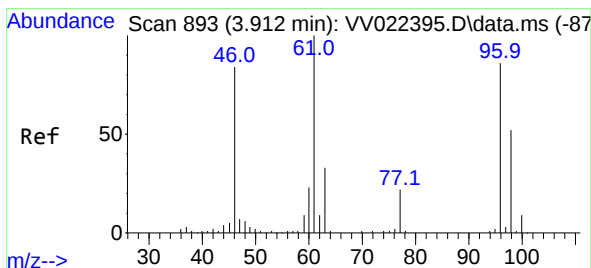
Tgt Ion: 43 Resp: 7490
Ion Ratio Lower Upper
43 100
58 19.7 0.0 67.2



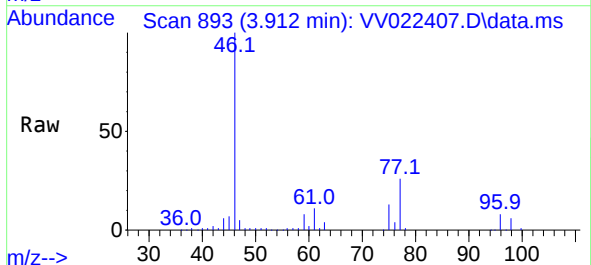
Instrument :
MSVOA_V
ClientSampled :
F4A08

Manual Integrations
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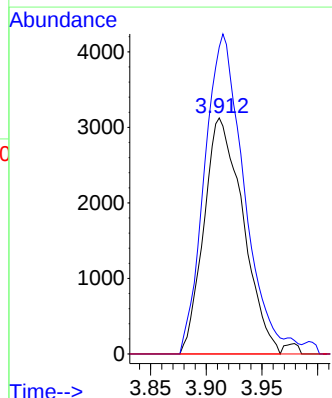
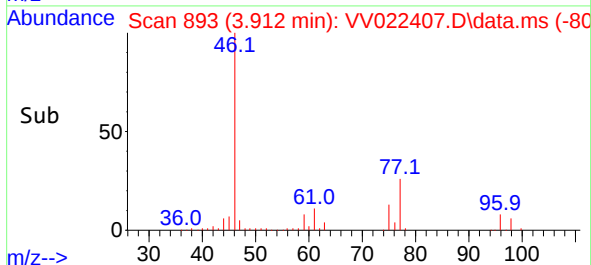
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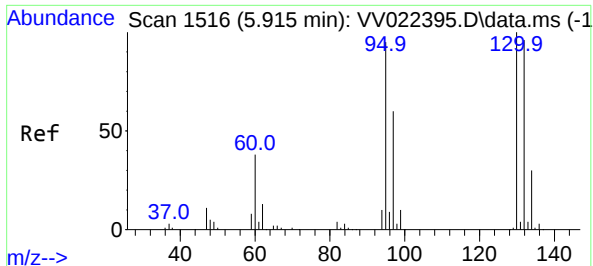


#20
cis-1,2-Dichloroethene
Concen: 3.954 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

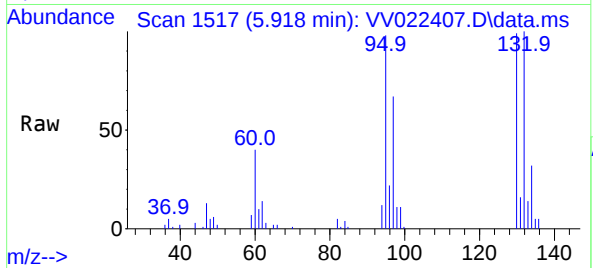


Tgt Ion: 96 Resp: 7632
Ion Ratio Lower Upper
96 100
61 130.1 84.6 157.0
68 0.0 0.0 0.0



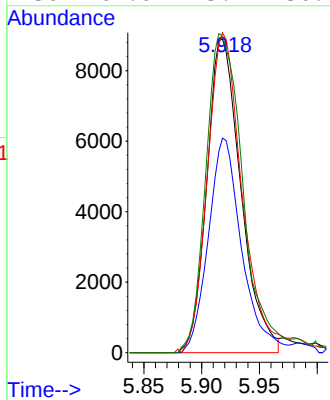


#34
Trichloroethene
Concen: 9.703 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20



Tgt Ion: 95 Resp: 18225

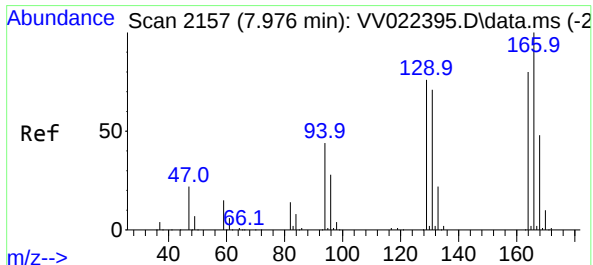
Ion	Ratio	Lower	Upper
95	100		
97	68.4	45.2	84.0
132	102.1	71.0	131.8
130	101.0	73.7	136.9



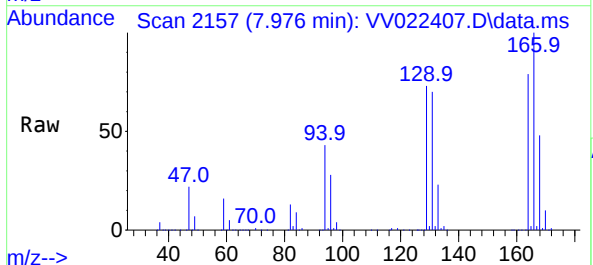
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#46
Tetrachloroethene
Concen: 541.937 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20



Tgt Ion: 164 Resp: 838169

Ion	Ratio	Lower	Upper
164	100		
129	93.1	66.4	123.4
131	89.1	63.6	118.0
166	127.4	91.6	170.0

