

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060723\
 Data File : VW031410.D
 Acq On : 07 Jun 2023 19:36
 Operator : SY/MD
 Sample : 02992-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C02

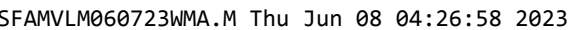
Quant Time: Jun 08 04:26:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 04:14:38 2023
 Response via : Initial Calibration

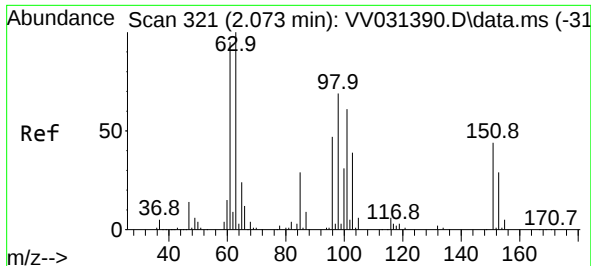
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	263240	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	263950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	126306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	99043	42.763	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.520%		
7) Chloroethane-d5	1.532	69	86095	45.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.820%		
11) 1,1-Dichloroethene-d2	2.063	65	48149	43.864	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.720%		
21) 2-Butanone-d5	3.799	46	145297	86.806	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.810%		
24) Chloroform-d	4.256	84	201030	45.631	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.260%		
26) 1,2-Dichloroethane-d4	4.947	65	140015	47.375	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.740%		
32) Benzene-d6	4.966	84	355093	45.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.140%		
36) 1,2-Dichloropropane-d6	5.995	67	127905	47.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.440%		
41) Toluene-d8	7.249	98	310505	43.375	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.740%		
43) trans-1,3-Dichloroprop...	7.558	79	59293	43.456	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.920%		
47) 2-Hexanone-d5	8.034	63	85772	84.073	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.070%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	150738	44.096	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.200%		
66) 1,2-Dichlorobenzene-d4	11.567	152	120771	51.545	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.080%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.063	96	1241	1.182	ug/L	# 1
13) Acetone	2.124	43	5816	3.884	ug/L	97
18) Methyl tert-butyl Ether	2.709	73	163703	26.748	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	30753	18.998	ug/L	97
34) Trichloroethene	5.841	95	48045	26.184	ug/L	98
46) Tetrachloroethene	7.911	164	557268	467.824	ug/L	99

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

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#12

1,1-Dichloroethene

Concen: 1.182 ug/L

RT: 2.063 min Scan# 31

Delta R.T. -0.010 min

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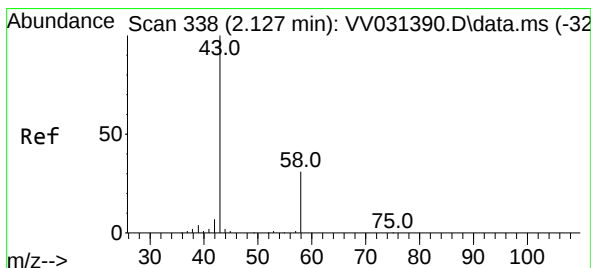
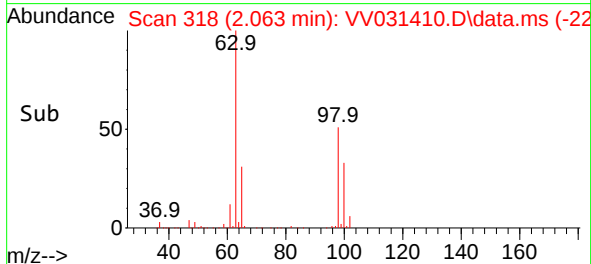
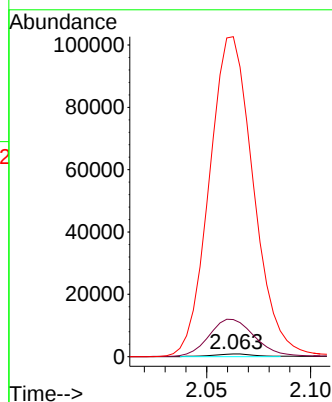
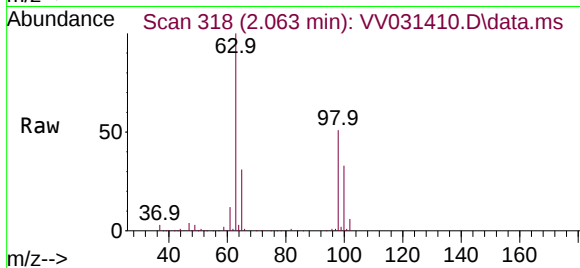
Tgt Ion: 96 Resp: 1241

Ion Ratio Lower Upper

96 100

61 1385.6 143.9 267.3#

63 11924.7 158.3 293.9#



#13

Acetone

Concen: 3.884 ug/L

RT: 2.124 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV031410.D

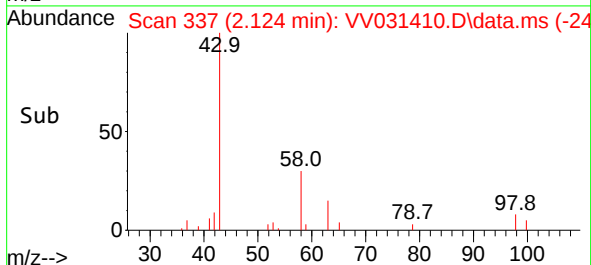
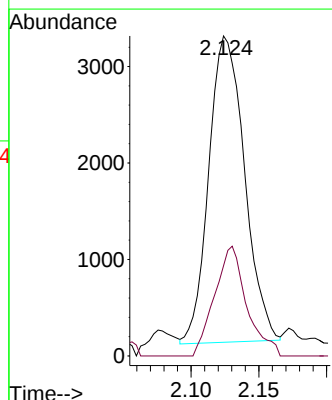
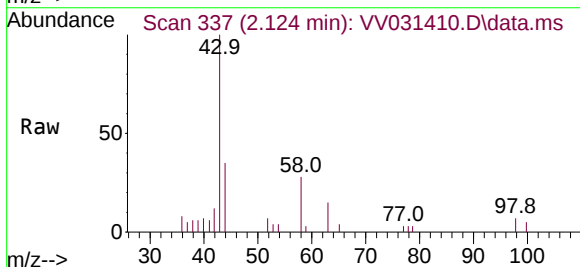
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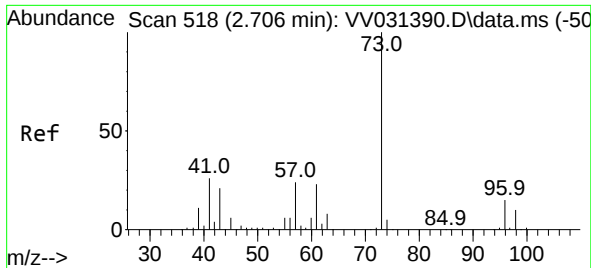
Tgt Ion: 43 Resp: 5816

Ion Ratio Lower Upper

43 100

58 32.2 0.0 61.0

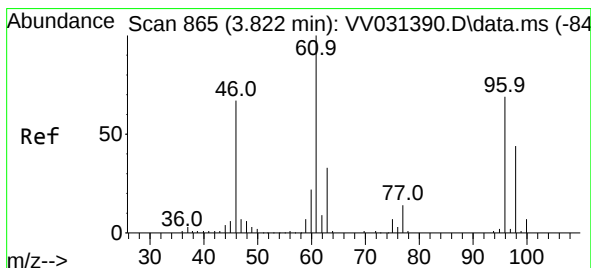
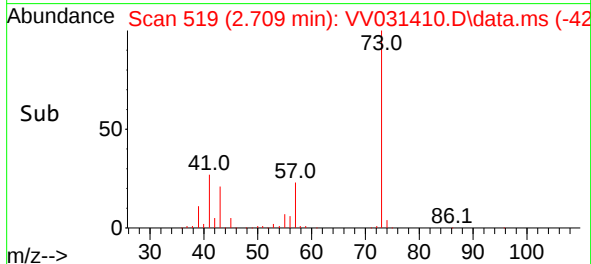
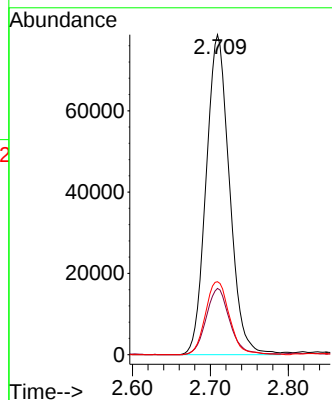
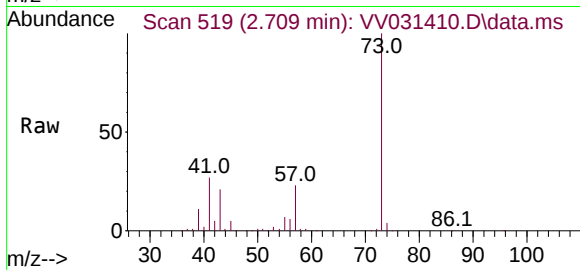




#18
Methyl tert-butyl Ether
Concen: 26.748 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV031410.D
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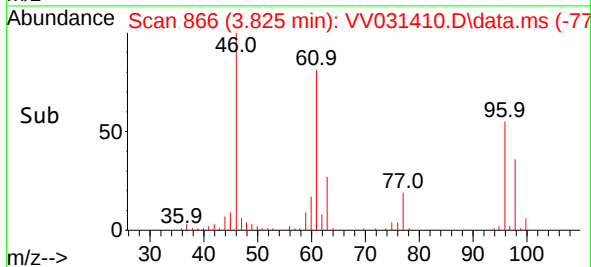
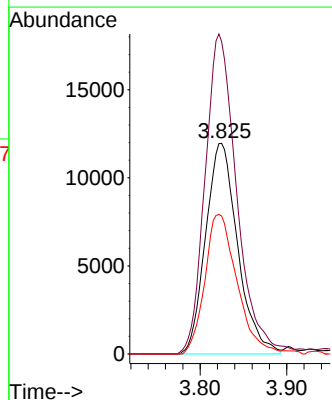
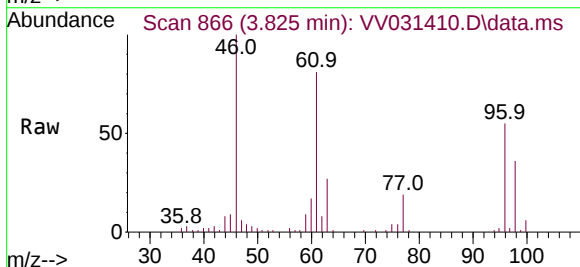
Instrument :
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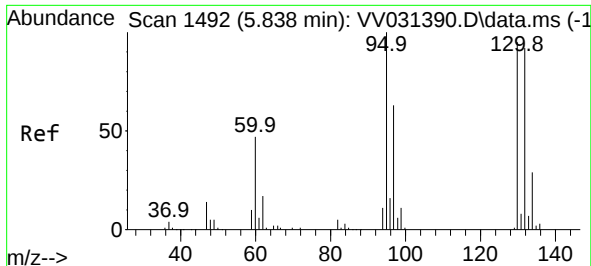
Tgt Ion: 73 Resp: 163703
Ion Ratio Lower Upper
73 100
43 21.0 16.6 25.0
57 23.5 18.6 28.0



#20
cis-1,2-Dichloroethene
Concen: 18.998 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.003 min
Lab File: VV031410.D
Acq: 07 Jun 2023 19:36

Tgt Ion: 96 Resp: 30753
Ion Ratio Lower Upper
96 100
61 148.4 101.6 188.6
98 65.5 44.4 82.4



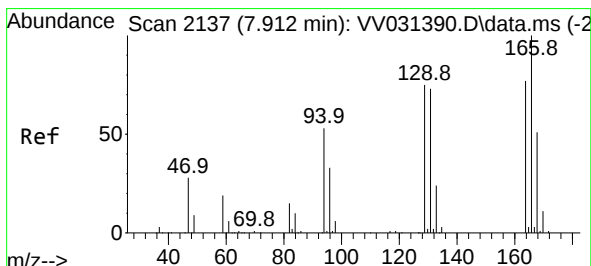
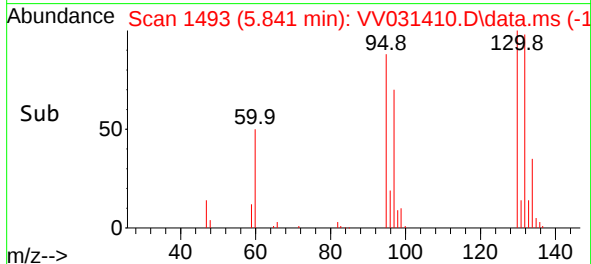
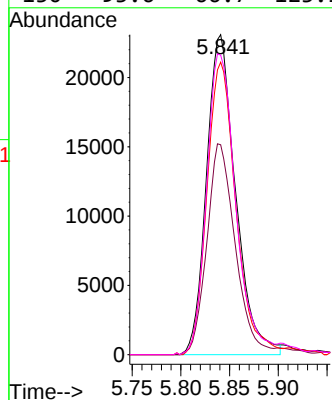
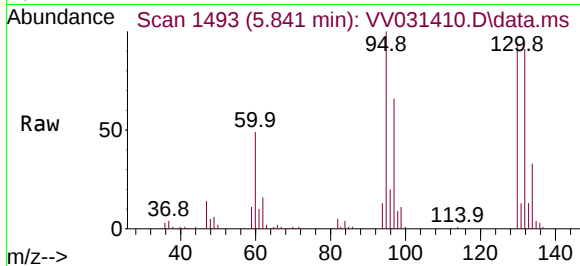


#34
Trichloroethene
Concen: 26.184 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031410.D
Acq: 07 Jun 2023 19:36

Instrument :
MSVOA_V
ClientSampleId :
F6C02

Tgt Ion: 95 Resp: 48045

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.2	82.0
132	91.4	64.2	119.2
130	93.6	66.7	123.9



#46
Tetrachloroethene
Concen: 467.824 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031410.D
Acq: 07 Jun 2023 19:36

Tgt Ion: 164 Resp: 557268

Ion	Ratio	Lower	Upper
164	100		
129	96.5	68.0	126.4
131	92.4	65.5	121.7
166	128.2	90.5	168.1

