

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060723\
 Data File : VV031410.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)

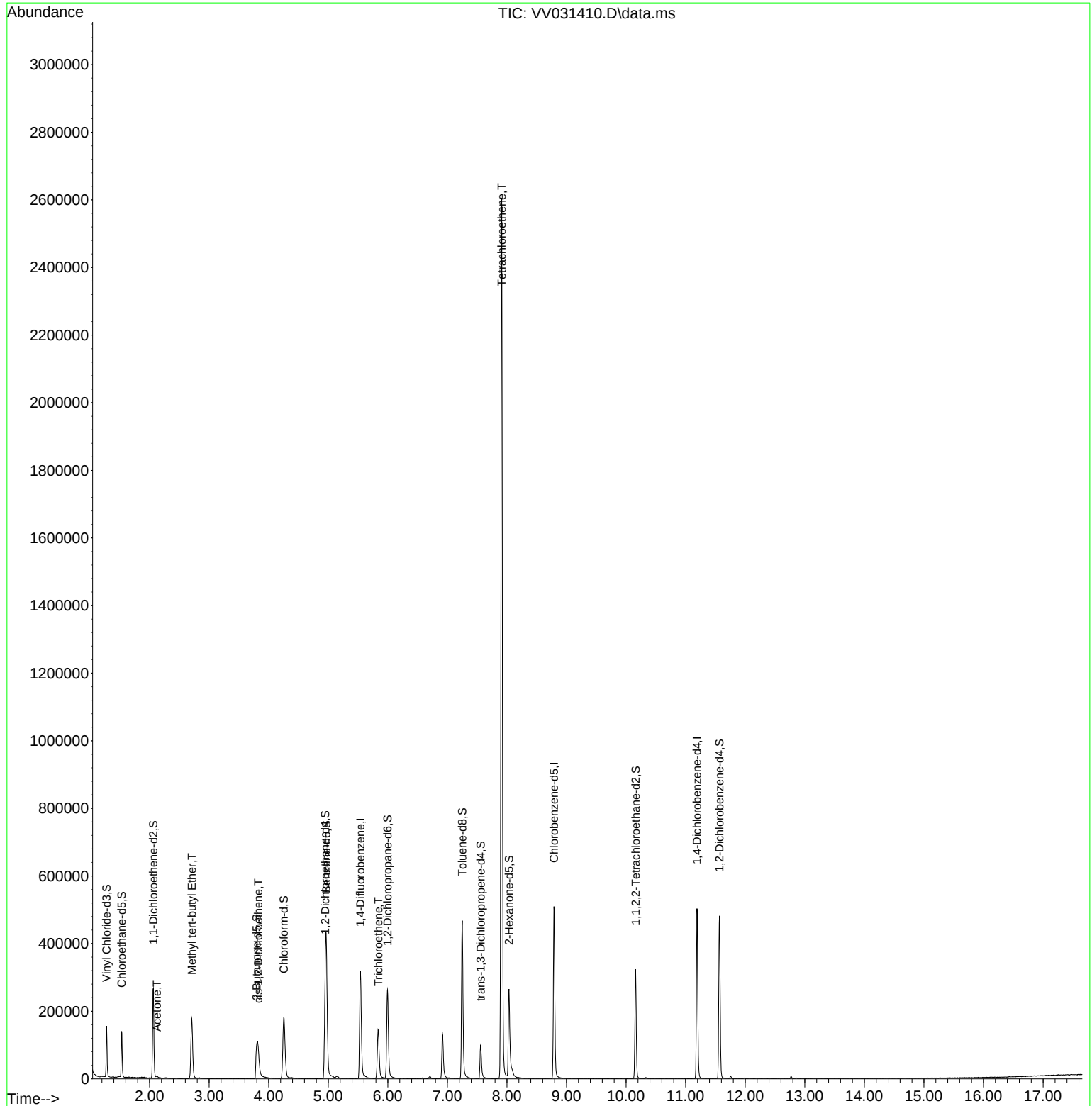
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	263240	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	263950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	126306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	99043	42.763	ug/L	0.00
Spiked Amount	50.000	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	
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

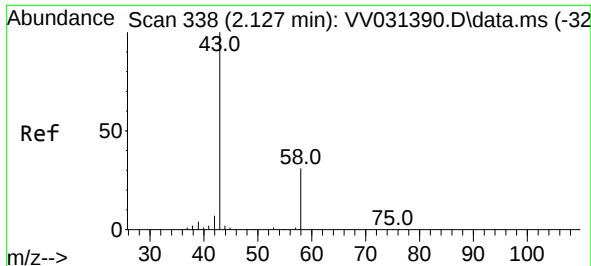
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.884 ug/L

RT: 2.124 min Scan# 338

Delta R.T. -0.003 min

Lab File: VV031410.D

Acq: 07 Jun 2023 19:36

Instrument :

MSVOA_V

ClientSampleId :

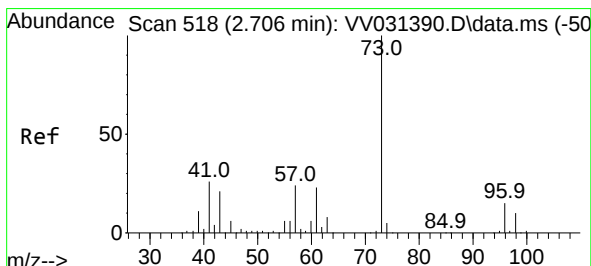
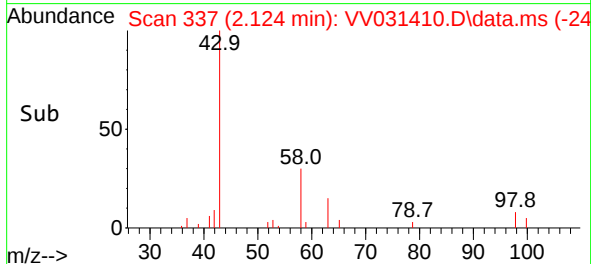
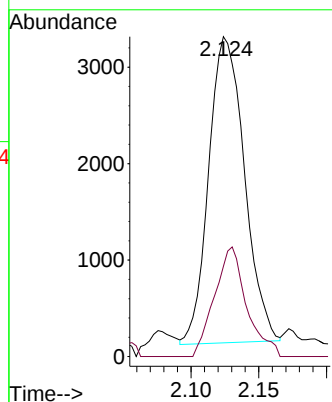
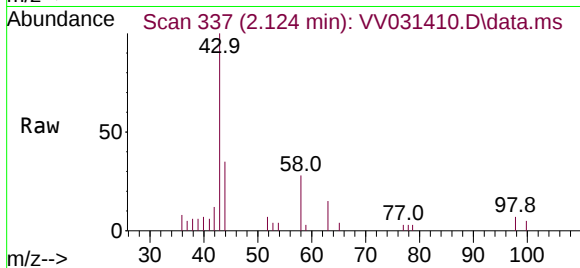
F6C02

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# 519

Delta R.T. 0.003 min

Lab File: VV031410.D

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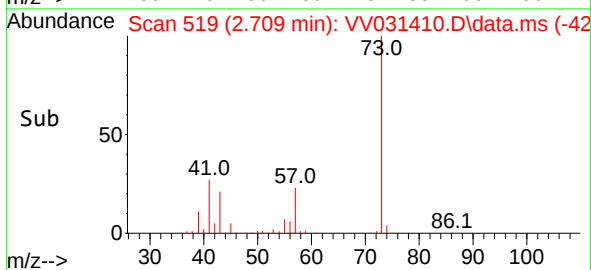
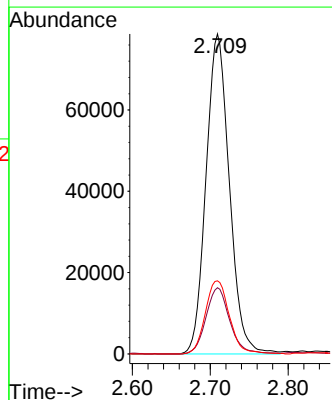
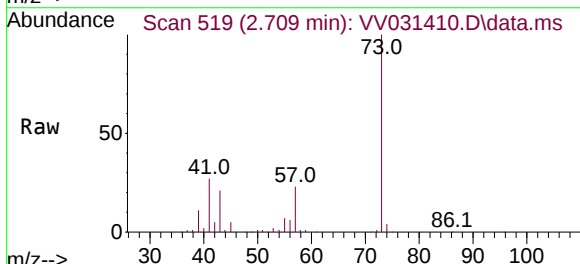
Tgt Ion: 73 Resp: 163703

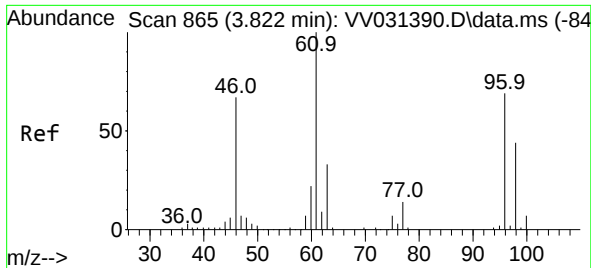
Ion Ratio Lower Upper

73 100

43 21.0 16.6 25.0

57 23.5 18.6 28.0

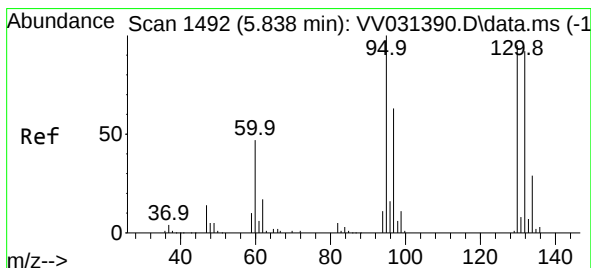
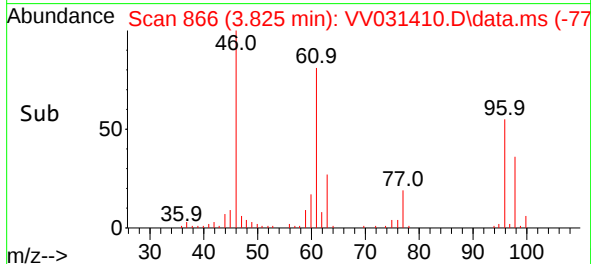
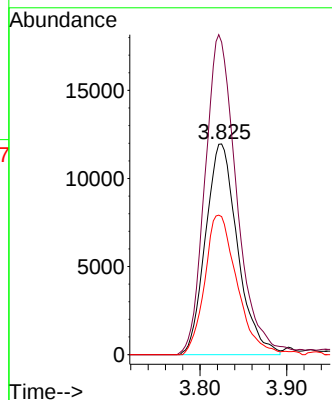
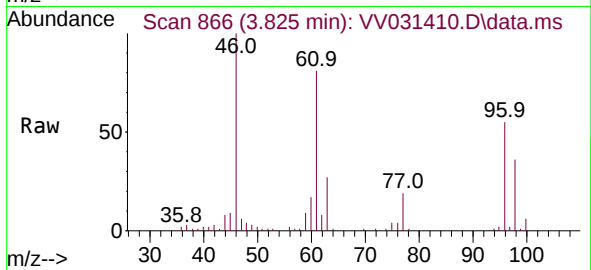




#20
cis-1,2-Dichloroethene
Concen: 18.998 ug/L
RT: 3.825 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031410.D
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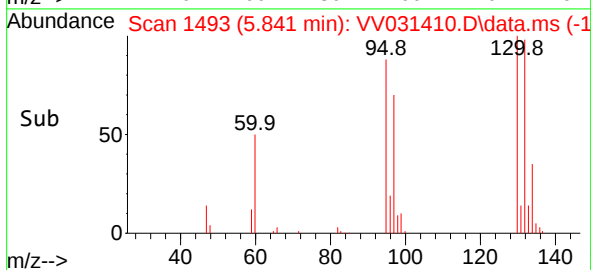
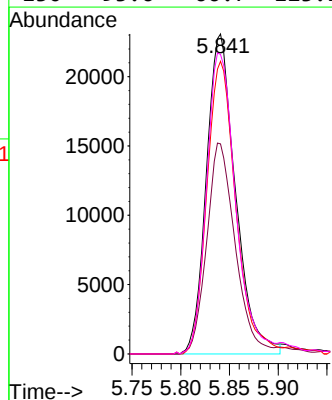
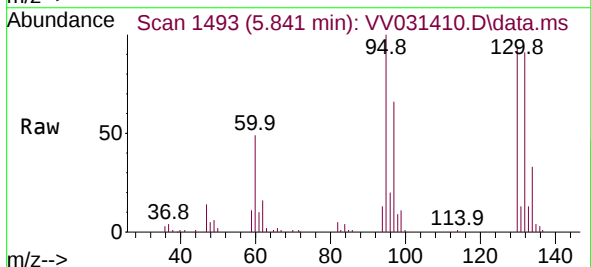
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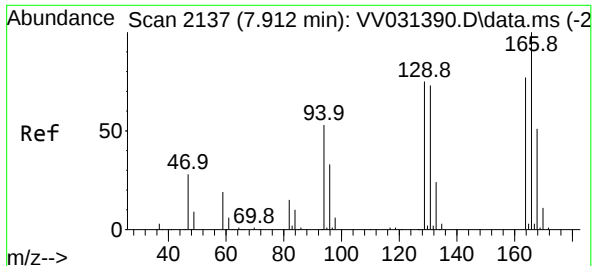
Tgt Ion: 96 Resp: 30753
Ion Ratio Lower Upper
96 100
61 148.4 101.6 188.6
98 65.5 44.4 82.4



#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

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# 21
Delta R.T. -0.000 min
Lab File: VV031410.D
Acq: 07 Jun 2023 19:36

Instrument :
MSVOA_V
ClientSampleId :
F6C02

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

