

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022825.D
 Acq On : 15 Oct 2021 04:39
 Operator : SY/MD
 Sample : M4223-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC6

Quant Time: Oct 16 03:58:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

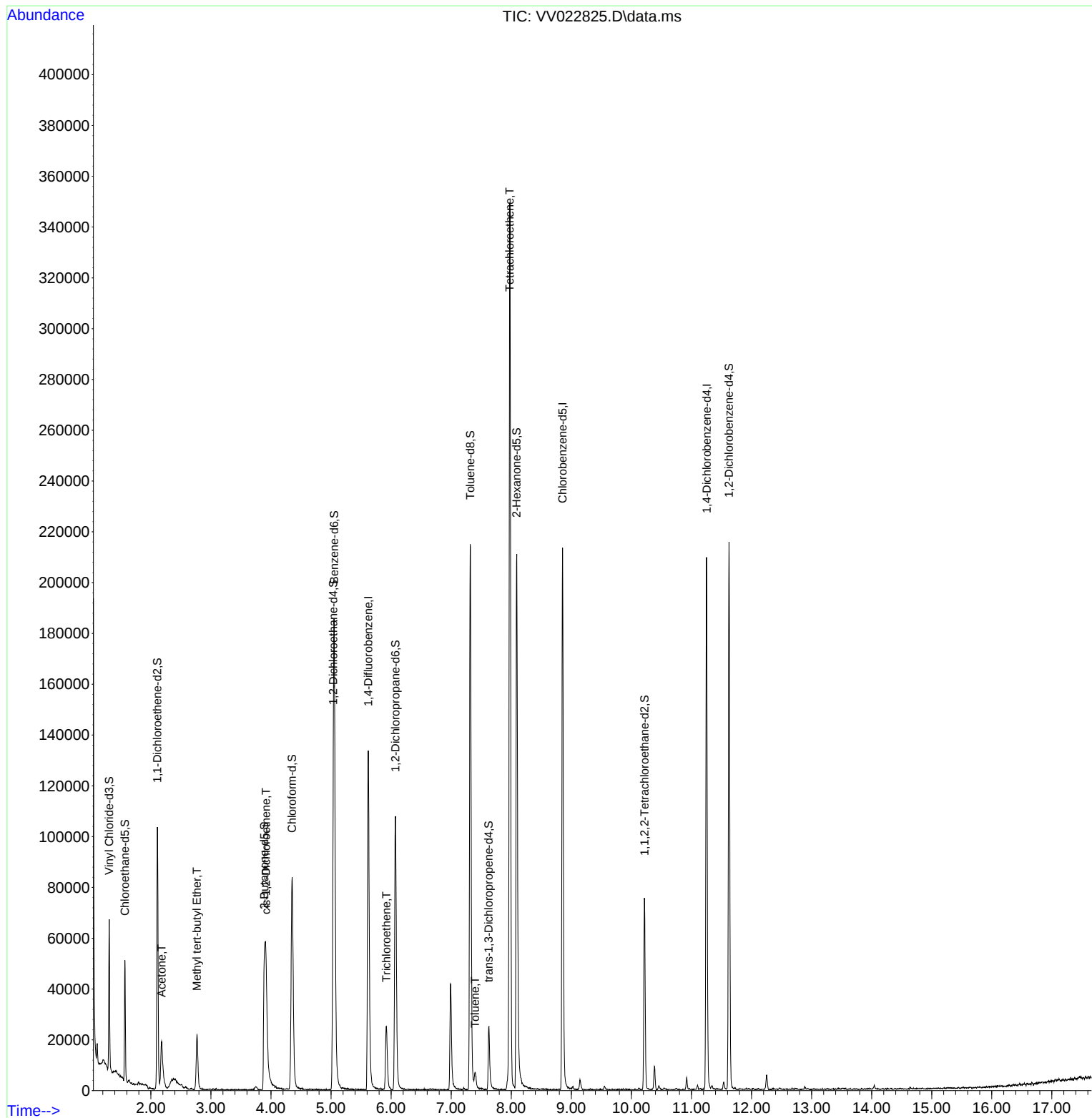
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119376	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122424	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56592	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36339	4.42	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.40%	
7) Chloroethane-d5	1.568	69	29078	3.94	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.80%	
11) 1,1-Dichloroethene-d2	2.108	63	52518	3.26	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.20%	
20) 2-Butanone-d5	3.889	46	90117	41.85	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.70%	
24) Chloroform-d	4.352	84	87716	5.18	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.60%	
26) 1,2-Dichloroethane-d4	5.037	65	40848	4.97	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.40%	
32) Benzene-d6	5.053	84	172554	4.73	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.60%	
36) 1,2-Dichloropropane-d6	6.072	67	53857	4.99	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.80%	
41) Toluene-d8	7.317	98	146310	4.64	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.80%	
43) trans-1,3-Dichloroprop...	7.625	79	15490	4.33	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.60%	
46) 2-Hexanone-d5	8.088	63	70968	49.19	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.38%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	36359	4.97	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.40%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56742	5.41	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.20%	
Target Compounds						
13) Acetone	2.179	43	28752	23.94	ug/L	# 46
17) Methyl tert-butyl Ether	2.767	73	18687	1.07	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	16780	2.04	ug/L	88
34) Trichloroethene	5.921	95	9047	1.01	ug/L	98
42) Toluene	7.400	91	5189	0.16	ug/L	85
47) Tetrachloroethene	7.976	164	81863	11.29	ug/L	98

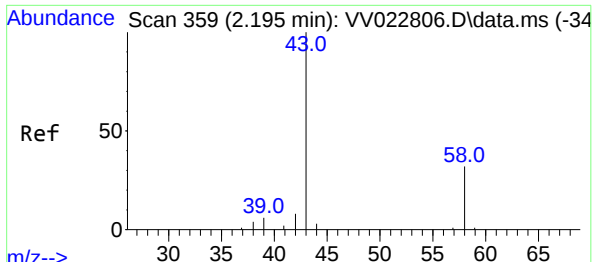
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.94 ug/L

RT: 2.179 min Scan# 354

Delta R.T. -0.016 min

Lab File: VV022825.D

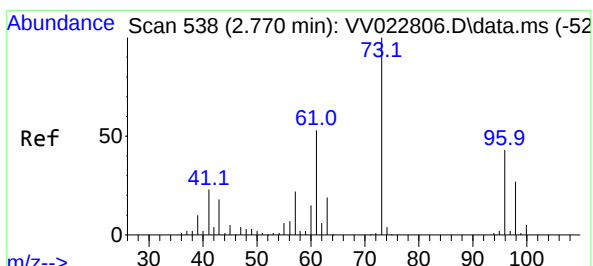
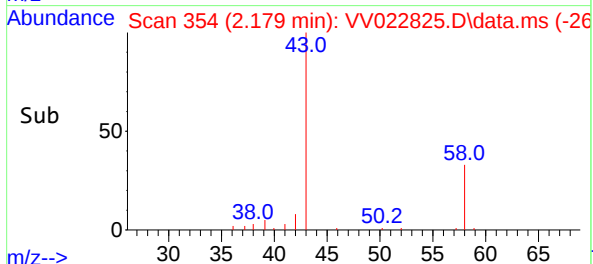
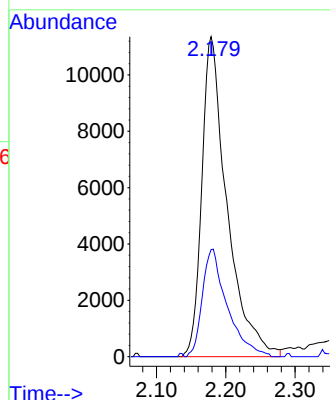
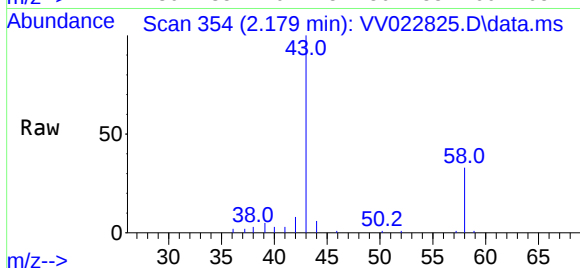
Acq: 15 Oct 2021 04:39

Tgt Ion: 43 Resp: 28752

Ion Ratio Lower Upper

43 100

58 33.1 0.0 24.2#



#17

Methyl tert-butyl Ether

Concen: 1.07 ug/L

RT: 2.767 min Scan# 537

Delta R.T. -0.003 min

Lab File: VV022825.D

Acq: 15 Oct 2021 04:39

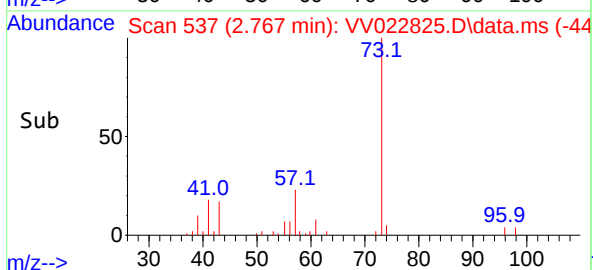
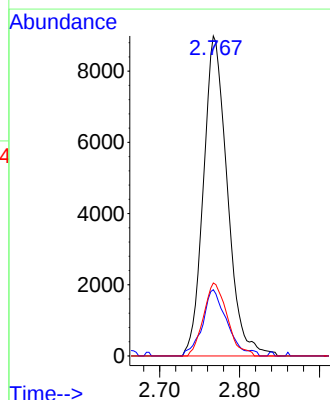
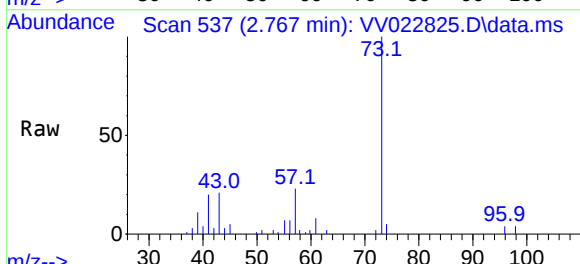
Tgt Ion: 73 Resp: 18687

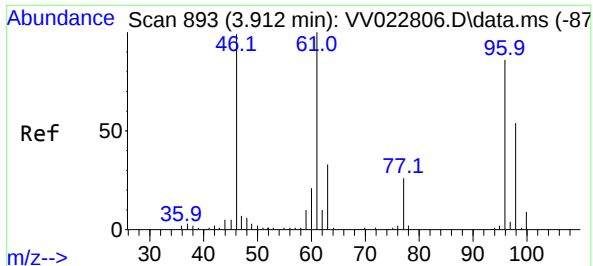
Ion Ratio Lower Upper

73 100

43 20.6 17.1 25.7

57 22.5 17.2 25.8

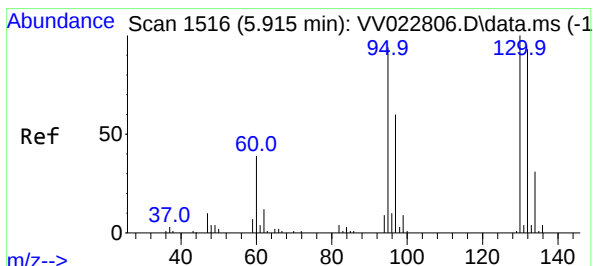
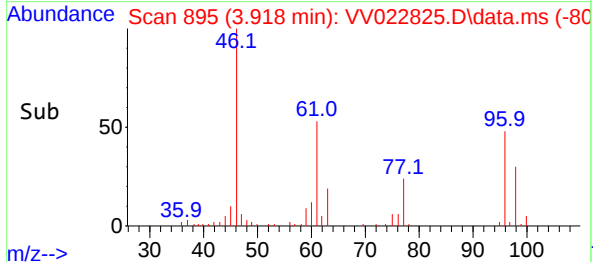
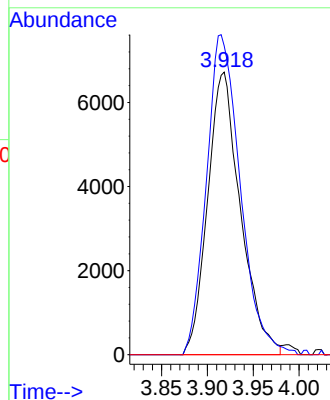
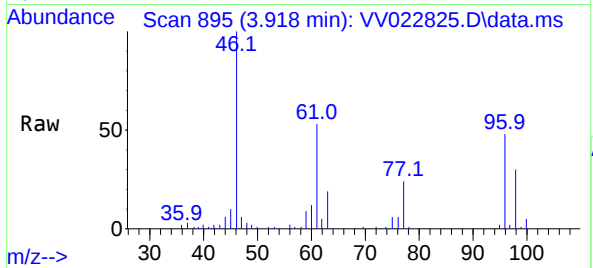




#22
cis-1,2-Dichloroethene
Concen: 2.04 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.007 min
Lab File: VV022825.D
Acq: 15 Oct 2021 04:39

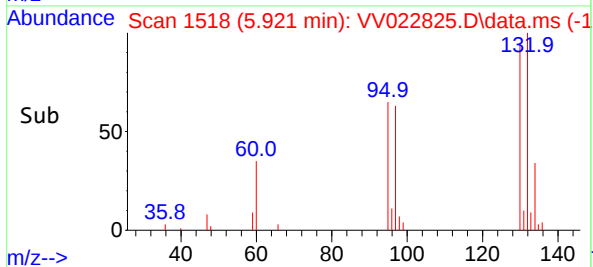
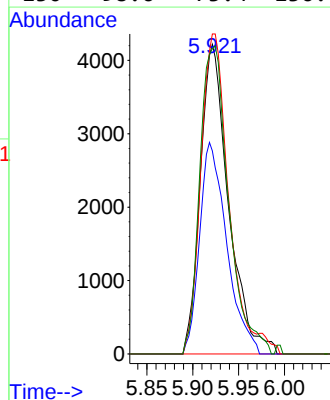
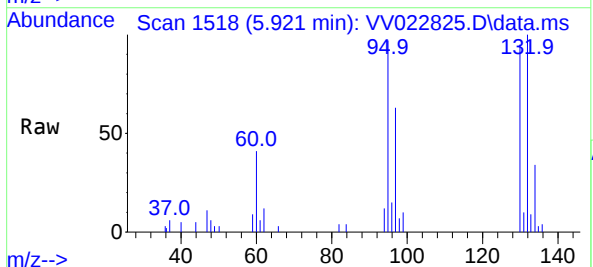
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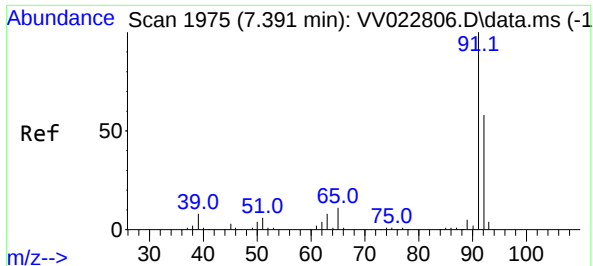
Tgt Ion: 96 Resp: 16780
Ion Ratio Lower Upper
96 100
61 109.3 86.0 159.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.01 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.007 min
Lab File: VV022825.D
Acq: 15 Oct 2021 04:39

Tgt Ion: 95 Resp: 9047
Ion Ratio Lower Upper
95 100
97 65.6 45.8 85.2
132 103.3 72.2 134.0
130 98.6 73.4 136.4

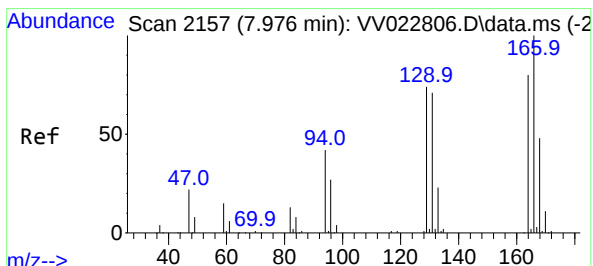
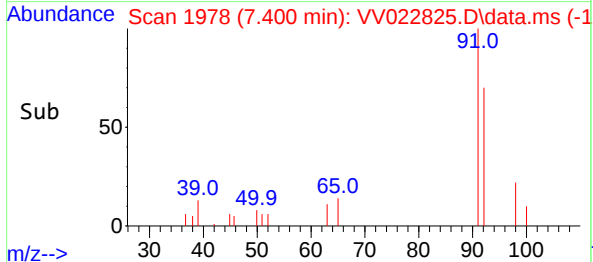
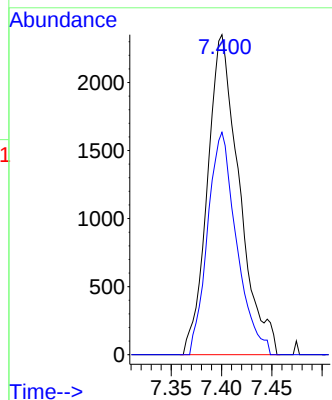
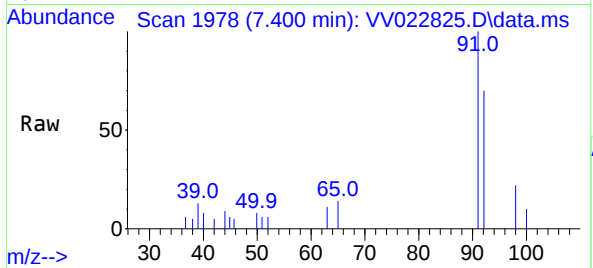




#42
Toluene
Concen: 0.16 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV022825.D
Acq: 15 Oct 2021 04:39

Instrument :
MSVOA_V
ClientSampled :
BFGC6

Tgt Ion: 91 Resp: 5189
Ion Ratio Lower Upper
91 100
92 69.5 40.7 75.7



#47
Tetrachloroethene
Concen: 11.29 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022825.D
Acq: 15 Oct 2021 04:39

Tgt Ion: 164 Resp: 81863
Ion Ratio Lower Upper
164 100
129 91.9 65.0 120.6
131 88.5 62.2 115.4
166 123.5 89.2 165.8

