

Data File : VV017724.D
Acq On : 29 Jul 2020 12:40
Operator : SY/MD
Sample : L3470-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AF0

Quant Time: Jul 30 05:00:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 30 04:28:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140359	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	135646	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71619	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34652	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	28681	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.12	63	55522	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.93	46	79278	49.45	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.90%
24) Chloroform-d	4.38	84	79921	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.06	65	45902	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.07	84	140247	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.09	67	37893	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.34	98	125806	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
45) trans-1,3-Dichloropropene-	7.64	79	17195	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	8.11	63	56431	48.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28797	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	54530	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

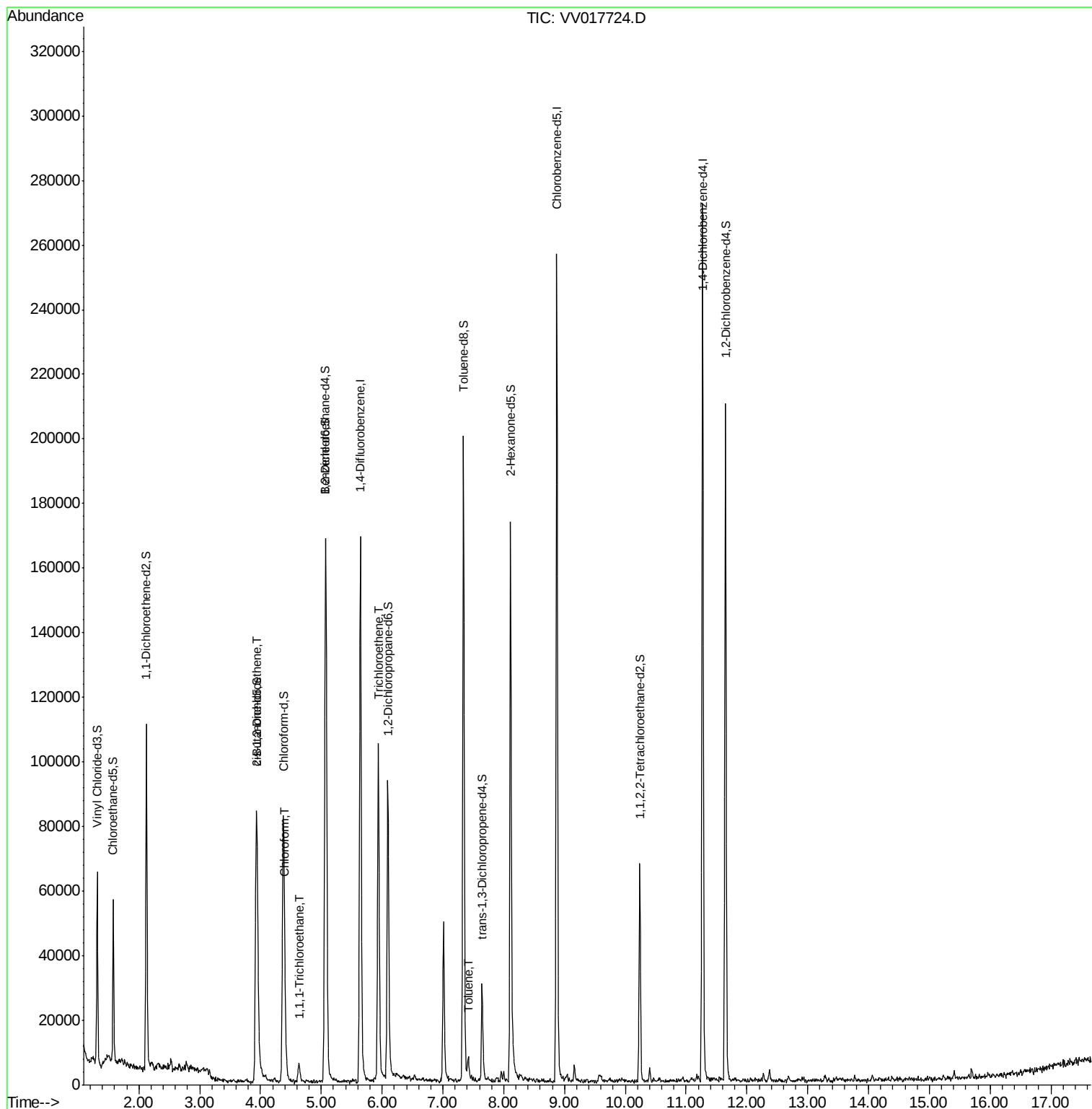
					Qvalue
22) cis-1,2-Dichloroethene	3.94	96	25496	2.458 ug/L	94
25) Chloroform	4.41	83	12568	0.647 ug/L	96
29) 1,1,1-Trichloroethane	4.64	97	3843	0.202 ug/L	100
34) Trichloroethene	5.94	95	35761	3.334 ug/L	93
42) Toluene	7.41	91	4154	0.099 ug/L	91

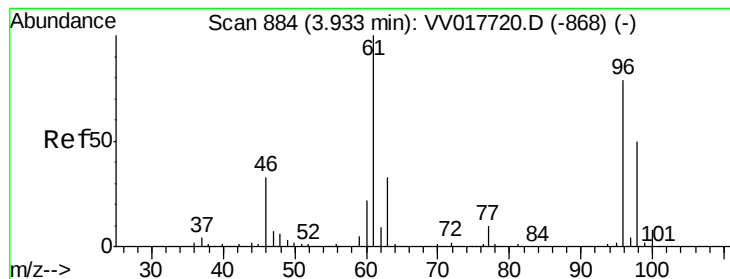
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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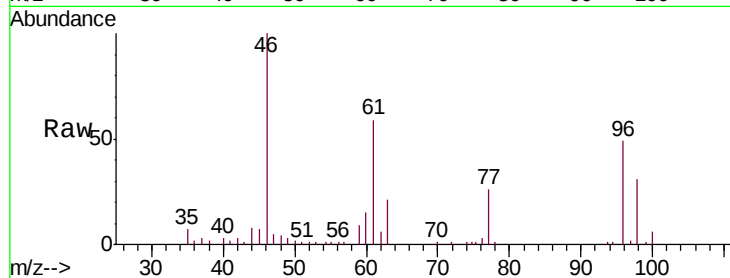


#22

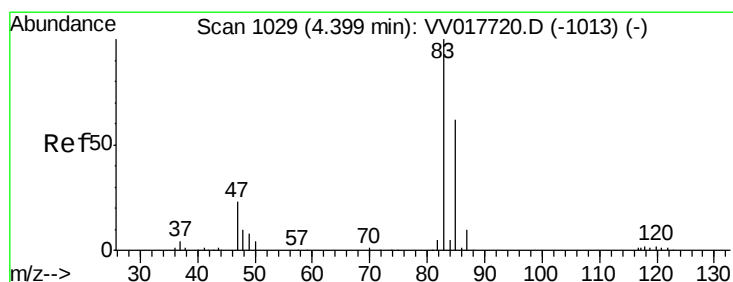
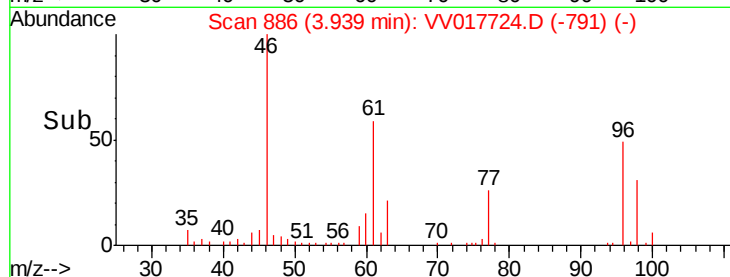
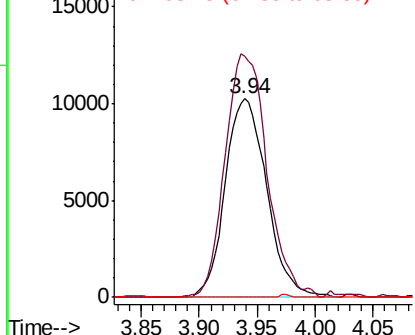
cis-1,2-Dichloroethene
 Concen: 2.458 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017724.D
 Acq: 29 Jul 2020 12:40

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AF0

Tgt Ion: 96 Resp: 25496
 Ion Ratio Lower Upper
 96 100
 61 121.5 89.6 166.4
 68 0.0 0.0 0.0



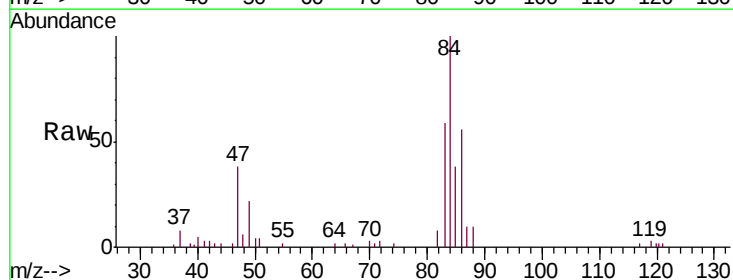
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



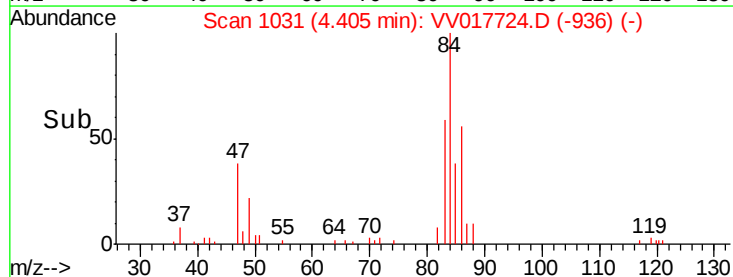
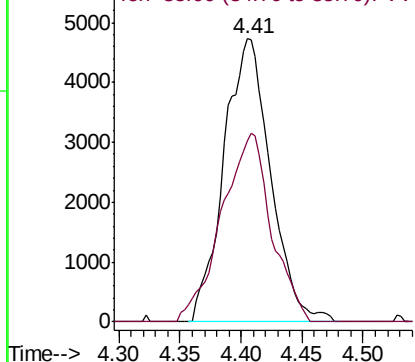
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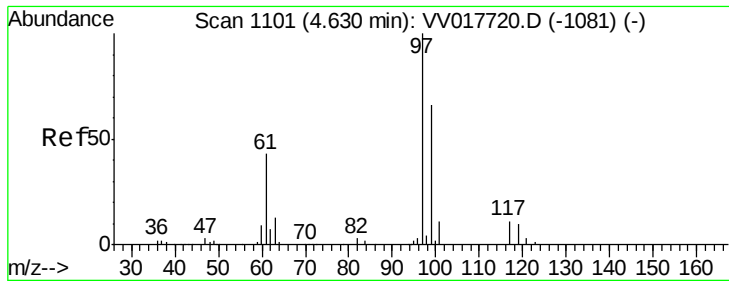
Chloroform
 Concen: 0.647 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV017724.D
 Acq: 29 Jul 2020 12:40

Tgt Ion: 83 Resp: 12568
 Ion Ratio Lower Upper
 83 100
 85 64.0 47.3 87.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

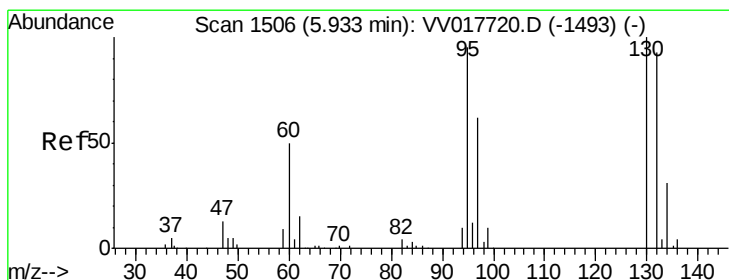
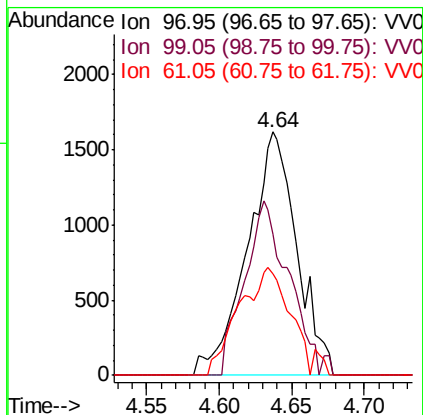
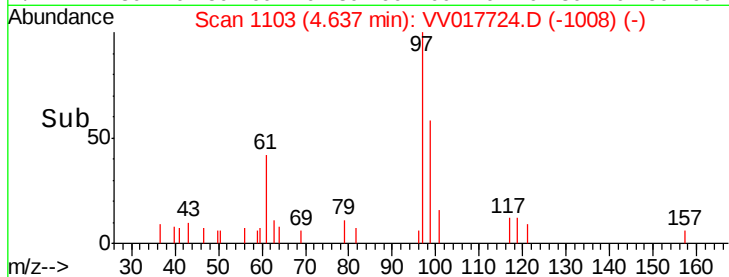
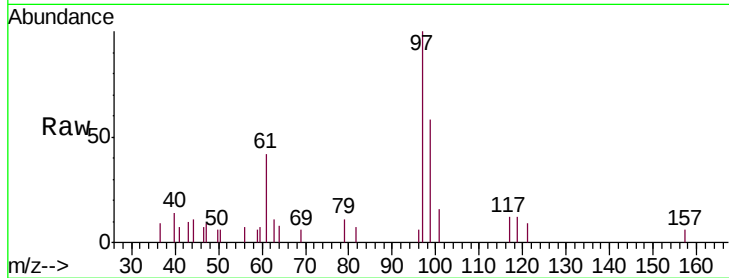




#29
 1,1,1-Trichloroethane
 Concen: 0.202 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VV017724.D
 Acq: 29 Jul 2020 12:40

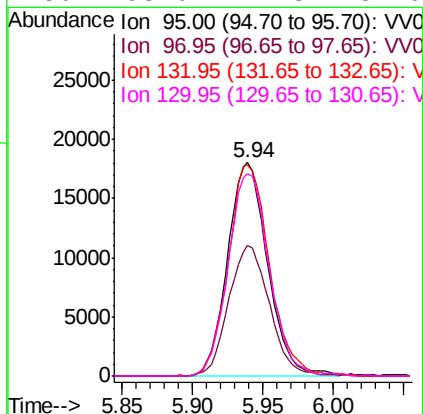
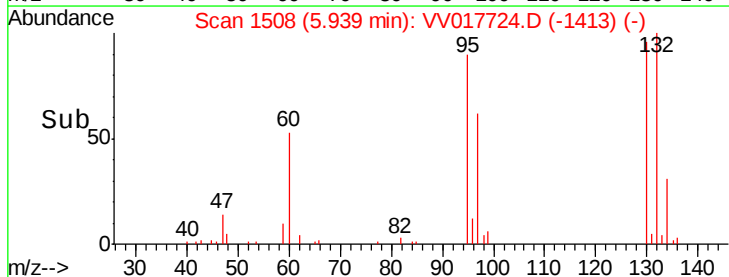
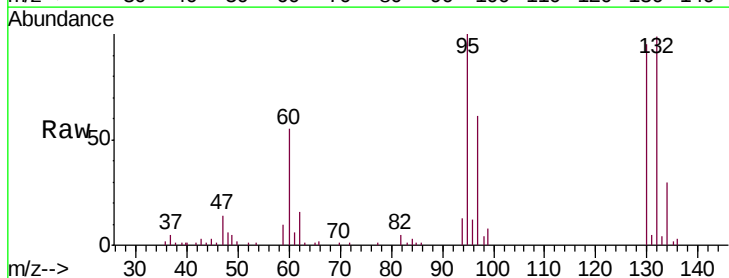
Instrument :
 MSVOA_V
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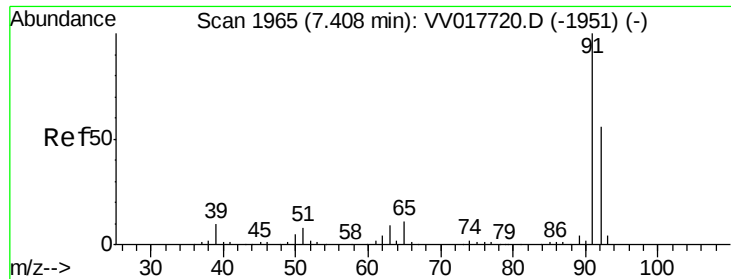
Tgt Ion: 97 Resp: 3843
 Ion Ratio Lower Upper
 97 100
 99 63.2 50.6 76.0
 61 45.2 35.7 53.5



#34
 Trichloroethene
 Concen: 3.334 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VV017724.D
 Acq: 29 Jul 2020 12:40

Tgt Ion: 95 Resp: 35761
 Ion Ratio Lower Upper
 95 100
 97 61.0 46.1 85.5
 132 99.1 71.7 133.1
 130 95.0 74.3 137.9





#42

Toluene

Concen: 0.099 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017724.D

Acq: 29 Jul 2020 12:40

Instrument :

MSVOA_V

ClientSampleId :

H0AF0

Tgt Ion: 91 Resp: 4154

Ion Ratio Lower Upper

91 100

92 64.9 40.8 75.8

