

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017075.D
 Acq On : 24 Jun 2020 16:41
 Operator : SY/MD
 Sample : L3093-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTN2

Quant Time: Jun 25 02:05:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	179072	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175187	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41058	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.58	69	34117	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.13	63	65536	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.92	46	126102	46.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.08%
24) Chloroform-d	4.38	84	106592	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	56579	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.08	84	198678	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.10	67	59032	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.34	98	177431	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
45) trans-1,3-Dichloropropene-	7.64	79	23981	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
48) 2-Hexanone-d5	8.11	63	98341	45.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43322	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	71853	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

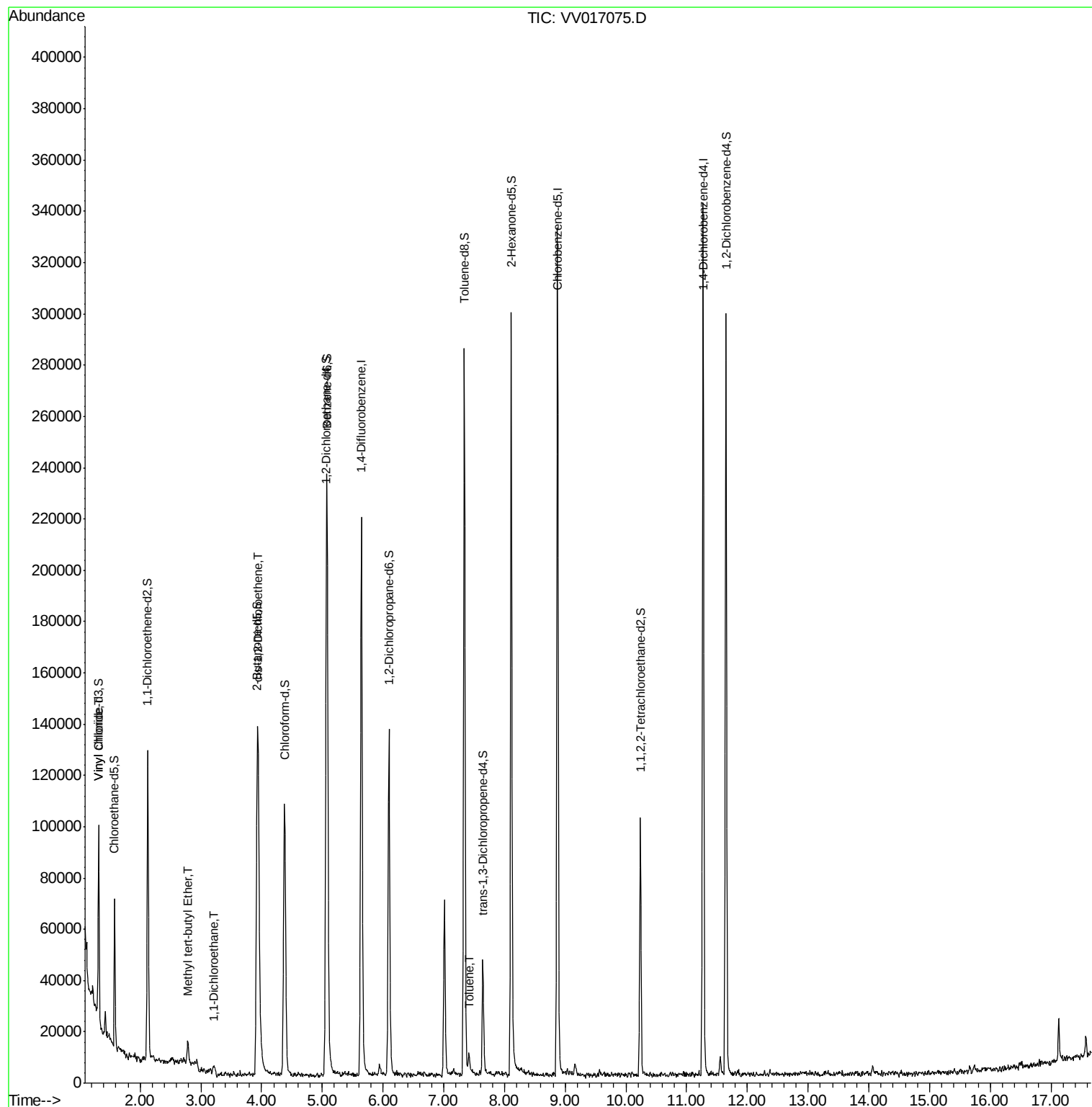
					Ovalue
5) Vinyl chloride	1.32	62	4409	0.375 ug/L #	62
17) Methyl tert-butyl Ether	2.79	73	5636	0.261 ug/L #	92
19) 1,1-Dichloroethane	3.22	63	3094	0.151 ug/L #	88
22) cis-1,2-Dichloroethene	3.94	96	43378	3.483 ug/L #	100
42) Toluene	7.42	91	5254	0.099 ug/L	94

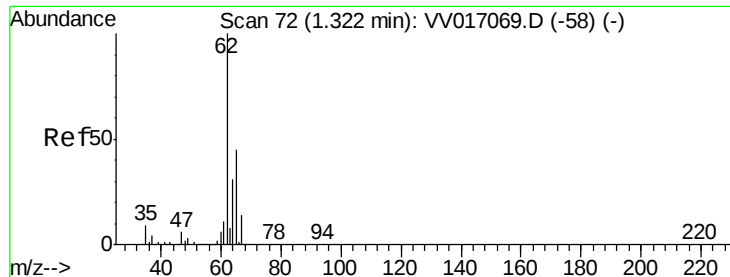
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.375 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV017075.D

Acq: 24 Jun 2020 16:41

Instrument :

MSVOA_V

ClientSampleId :

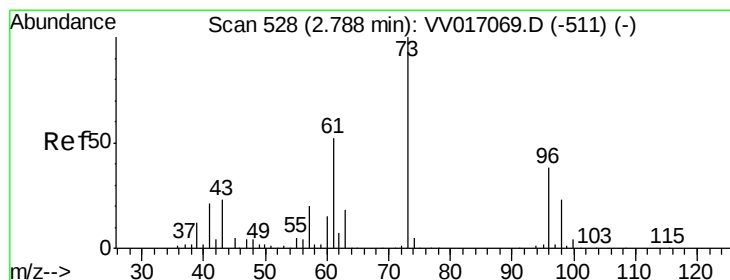
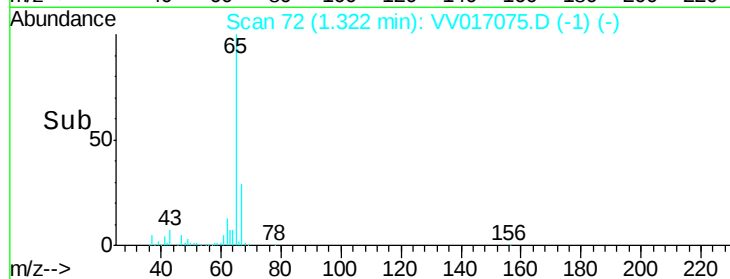
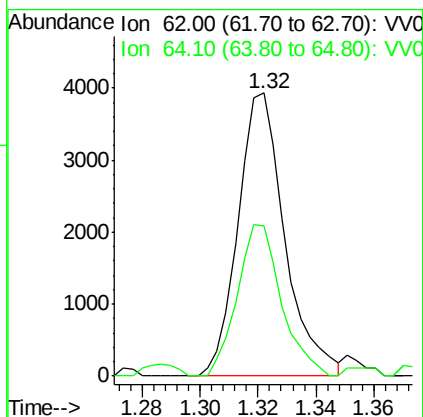
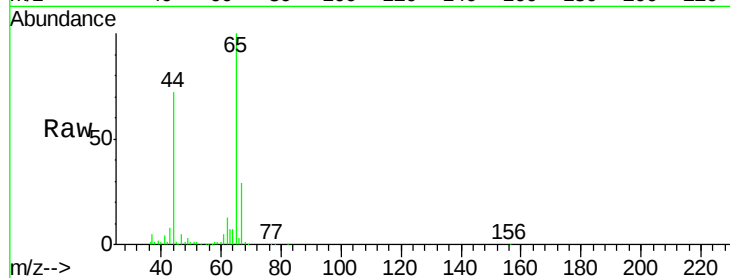
ETTN2

Tot Ion: 62 Resp: 4409

Ion Ratio Lower Upper

62 100

64 53.2 22.5 41.7#



#17

Methyl tert-butyl Ether

Concen: 0.261 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV017075.D

Acq: 24 Jun 2020 16:41

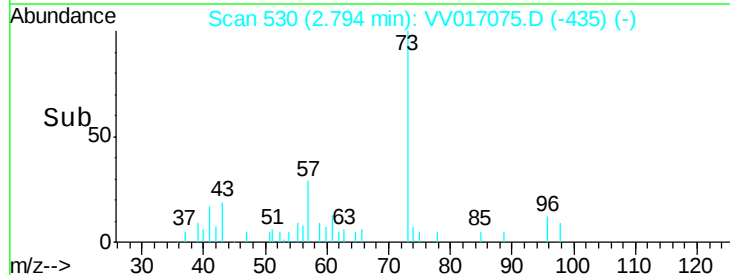
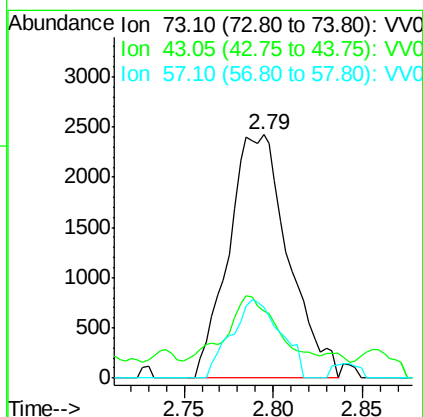
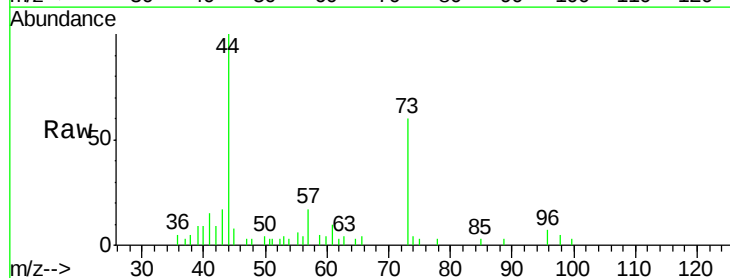
Tgt Ion: 73 Resp: 5636

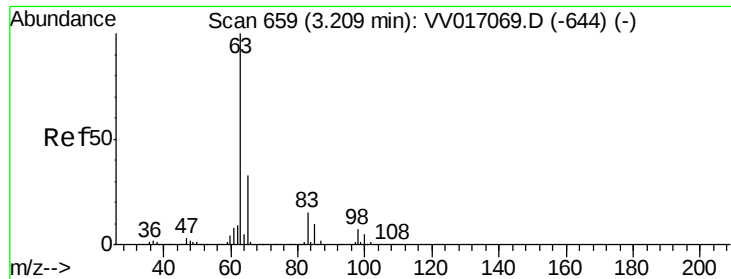
Ion Ratio Lower Upper

73 100

43 21.3 18.6 28.0

57 26.7 16.4 24.6#

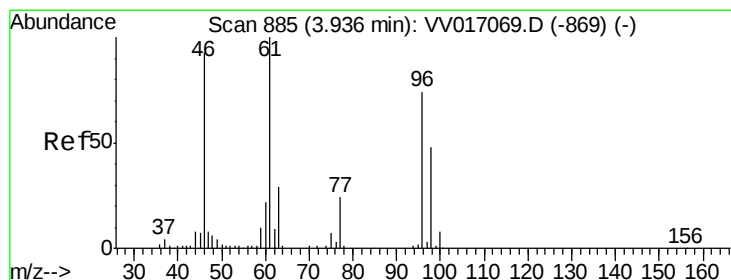
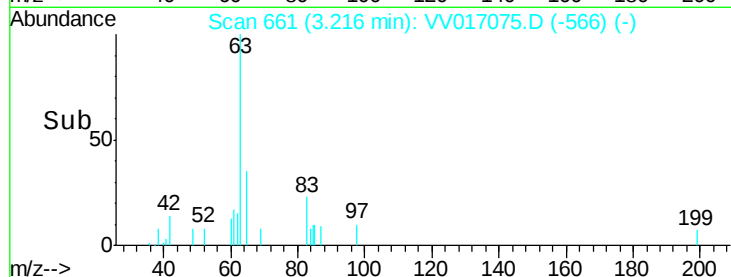
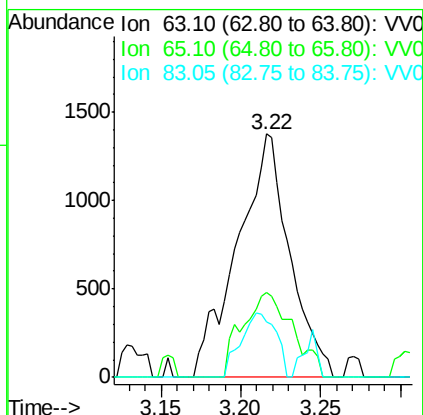
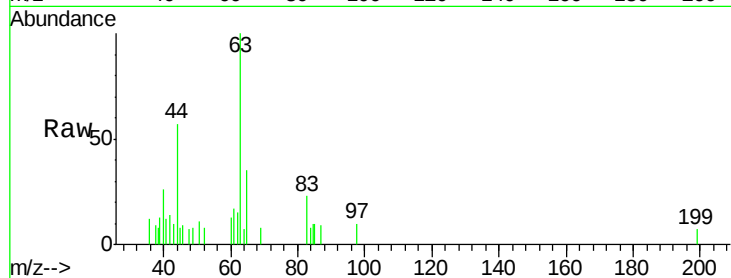




#19
 1,1-Dichloroethane
 Concen: 0.151 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV017075.D
 Acq: 24 Jun 2020 16:41

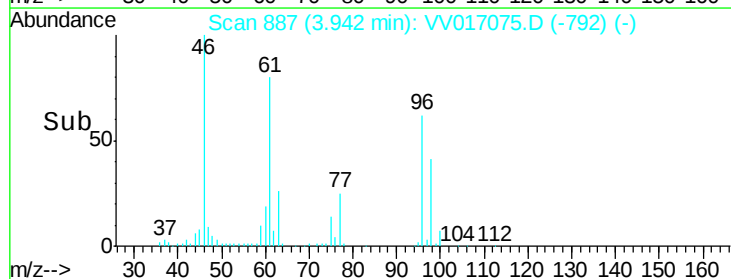
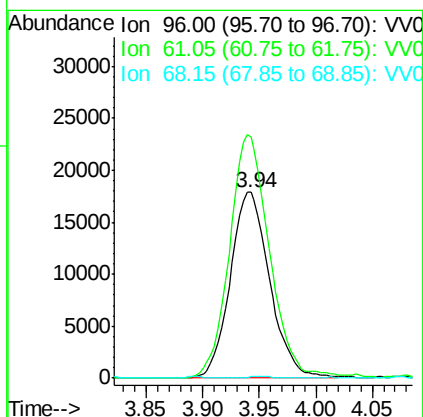
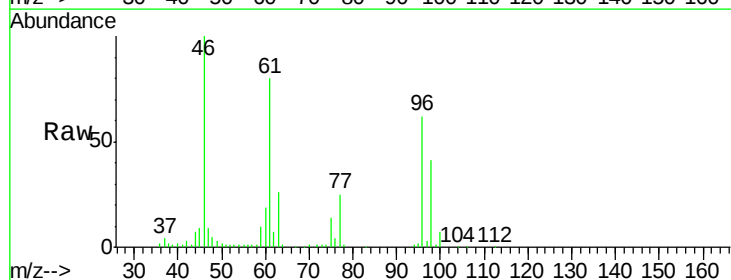
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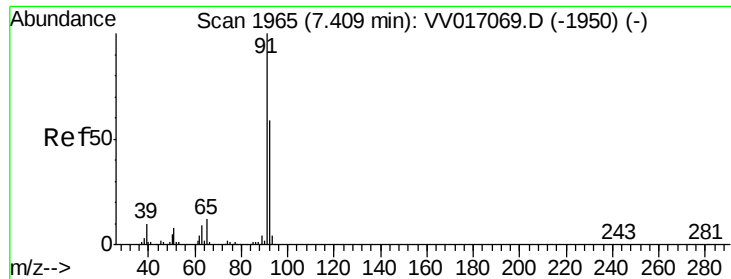
Tot Ion	Ratio	Lower	Upper
63	100		
65	34.9	21.8	40.4
83	22.7	9.7	17.9#



#22
 cis-1,2-Dichloroethene
 Concen: 3.483 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017075.D
 Acq: 24 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.7	91.0	169.0
68	0.7	0.0	0.0#





#42

Toluene

Concen: 0.099 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV017075.D

Acq: 24 Jun 2020 16:41

Instrument :

MSVOA_V

ClientSampleId :

ETTN2

Tot Ion: 91 Resp: 5254

Ion Ratio Lower Upper

91 100

92 52.4 39.9 74.1

