

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016705.D
 Acq On : 09 Jun 2020 10:30
 Operator : SY/MD
 Sample : L2875-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTT8

Quant Time: Jun 10 01:11:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:34:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	286964	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272319	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138630	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91191	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.08%
7) Chloroethane-d5	1.55	69	64629	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.38%
11) 1,1-Dichloroethene-d2	2.11	63	125521	36.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.84%
21) 2-Butanone-d5	3.89	46	190422	127.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.06%
24) Chloroform-d	4.37	84	206802	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
26) 1,2-Dichloroethane-d4	5.05	65	150440	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.44%
32) Benzene-d6	5.07	84	405675	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
36) 1,2-Dichloropropane-d6	6.09	67	130195	53.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.42%
41) Toluene-d8	7.34	98	362613	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%
43) trans-1,3-Dichloropropene-	7.64	79	62869	49.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.66%
47) 2-Hexanone-d5	8.11	63	129554	121.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184534	56.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	161692	54.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.30%

Target Compounds

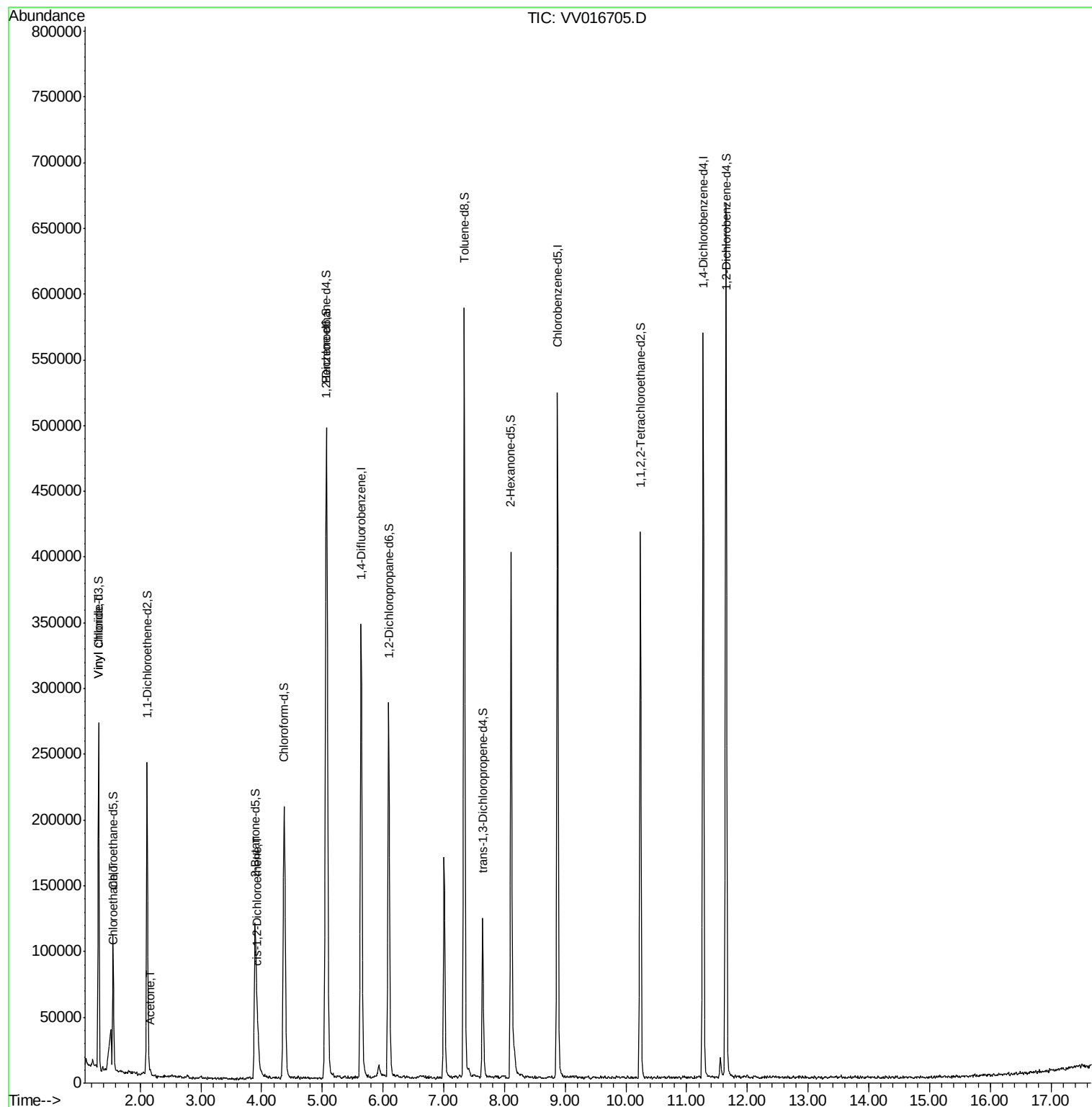
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	74703	36.512	ug/L	98
8) Chloroethane	1.57	64	2343	2.318	ug/L	90
13) Acetone	2.17	43	2622	2.655	ug/L	88
20) cis-1,2-Dichloroethene	3.94	96	13075	6.176	ug/L	100

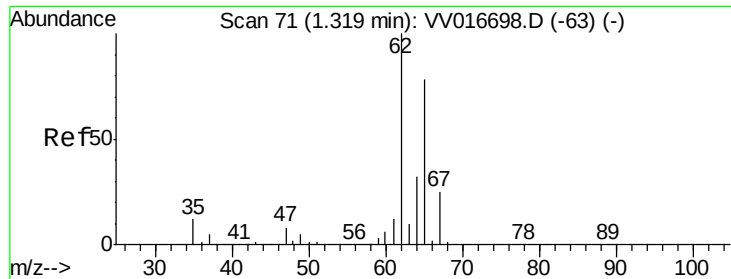
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 36.512 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016705.D

Acq: 09 Jun 2020 10:30

Instrument :

MSVOA_V

ClientSampleId :

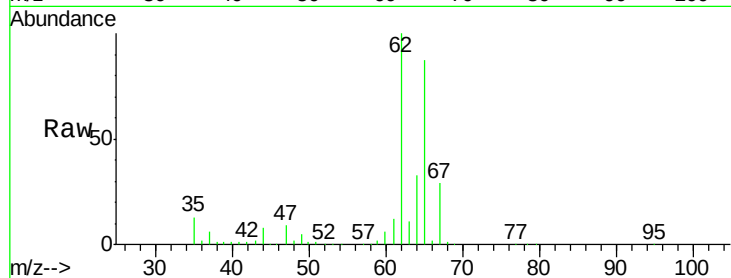
ETTT8

Tot Ion: 62 Resp: 74703

Ion Ratio Lower Upper

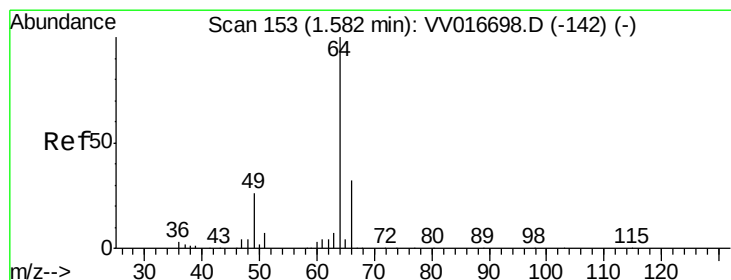
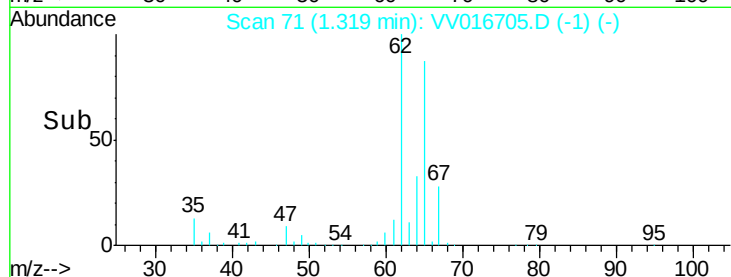
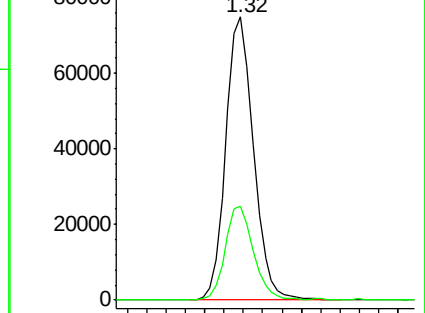
62 100

64 33.3 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#8

Chloroethane

Concen: 2.318 ug/L

RT: 1.57 min Scan# 150

Delta R.T. -0.01 min

Lab File: VV016705.D

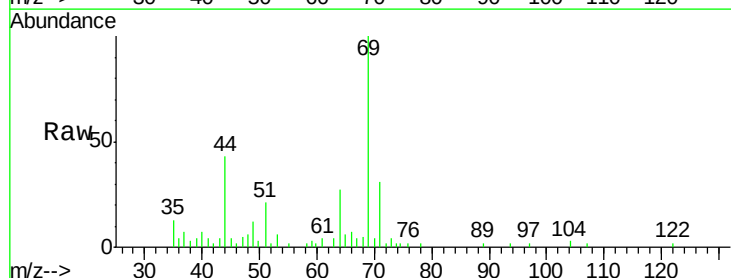
Acq: 09 Jun 2020 10:30

Tgt Ion: 64 Resp: 2343

Ion Ratio Lower Upper

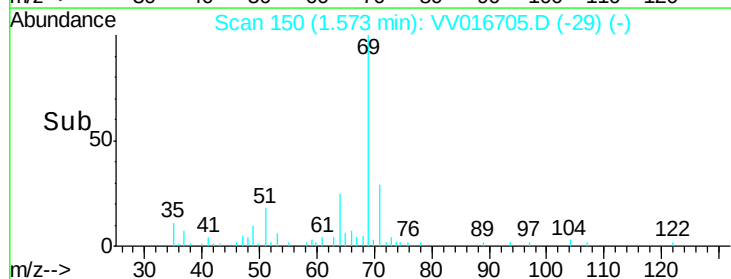
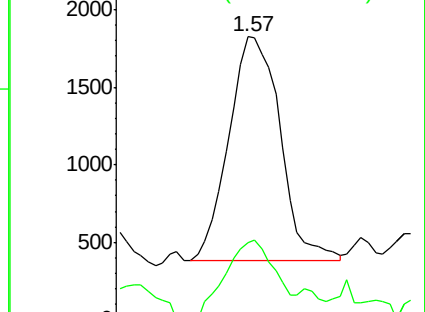
64 100

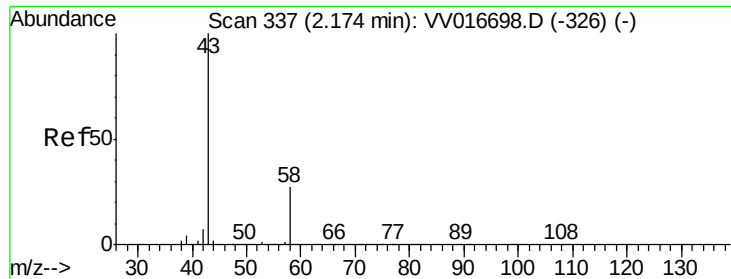
66 27.4 23.2 43.0



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0





#13

Acetone

Concen: 2.655 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016705.D

Acq: 09 Jun 2020 10:30

Instrument :

MSVOA_V

ClientSampled :

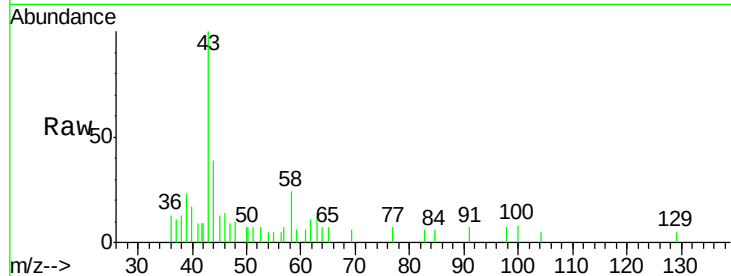
ETTT8

Tot Ion: 43 Resp: 2622

Ion Ratio Lower Upper

43 100

58 33.6 0.0 55.2



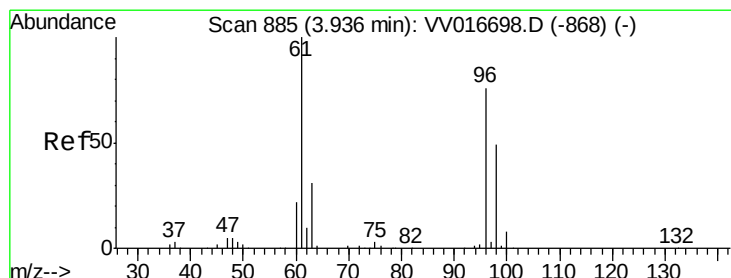
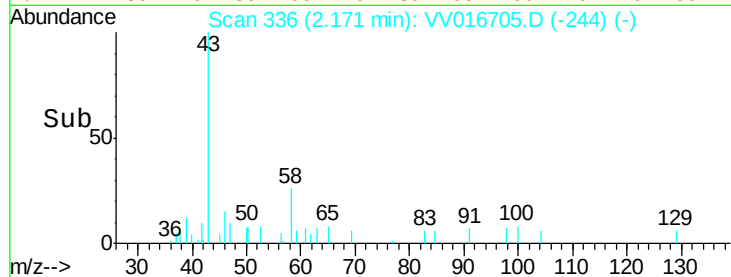
Abundance Ion 43.00 (42.70 to 43.70): VV016698.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV016698.D (-326) (-)

2.17

2.15 2.20

Time-->



#20

cis-1,2-Dichloroethene

Concen: 6.176 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016705.D

Acq: 09 Jun 2020 10:30

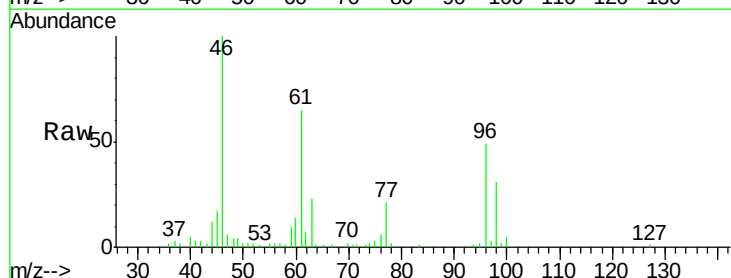
Tgt Ion: 96 Resp: 13075

Ion Ratio Lower Upper

96 100

61 133.9 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016698.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV016698.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV016698.D (-868) (-)

3.94

3.85 3.90 3.95 4.00

Time-->

