

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016704.D
 Acq On : 09 Jun 2020 10:06
 Operator : SY/MD
 Sample : L2875-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR8

Quant Time: Jun 10 01:06:19 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	334840	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	314685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99376	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.12%
7) Chloroethane-d5	1.57	69	56774	40.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.10%
11) 1,1-Dichloroethene-d2	2.12	63	140417	35.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.78%
21) 2-Butanone-d5	3.90	46	223899	128.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.04%
24) Chloroform-d	4.37	84	238958	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	5.05	65	173266	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.04%
32) Benzene-d6	5.07	84	459506	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	6.09	67	148055	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.72%
41) Toluene-d8	7.34	98	415988	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%
43) trans-1,3-Dichloropropene-	7.64	79	73311	49.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.56%
47) 2-Hexanone-d5	8.11	63	156805	127.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212158	56.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	173512	53.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.12%

Target Compounds

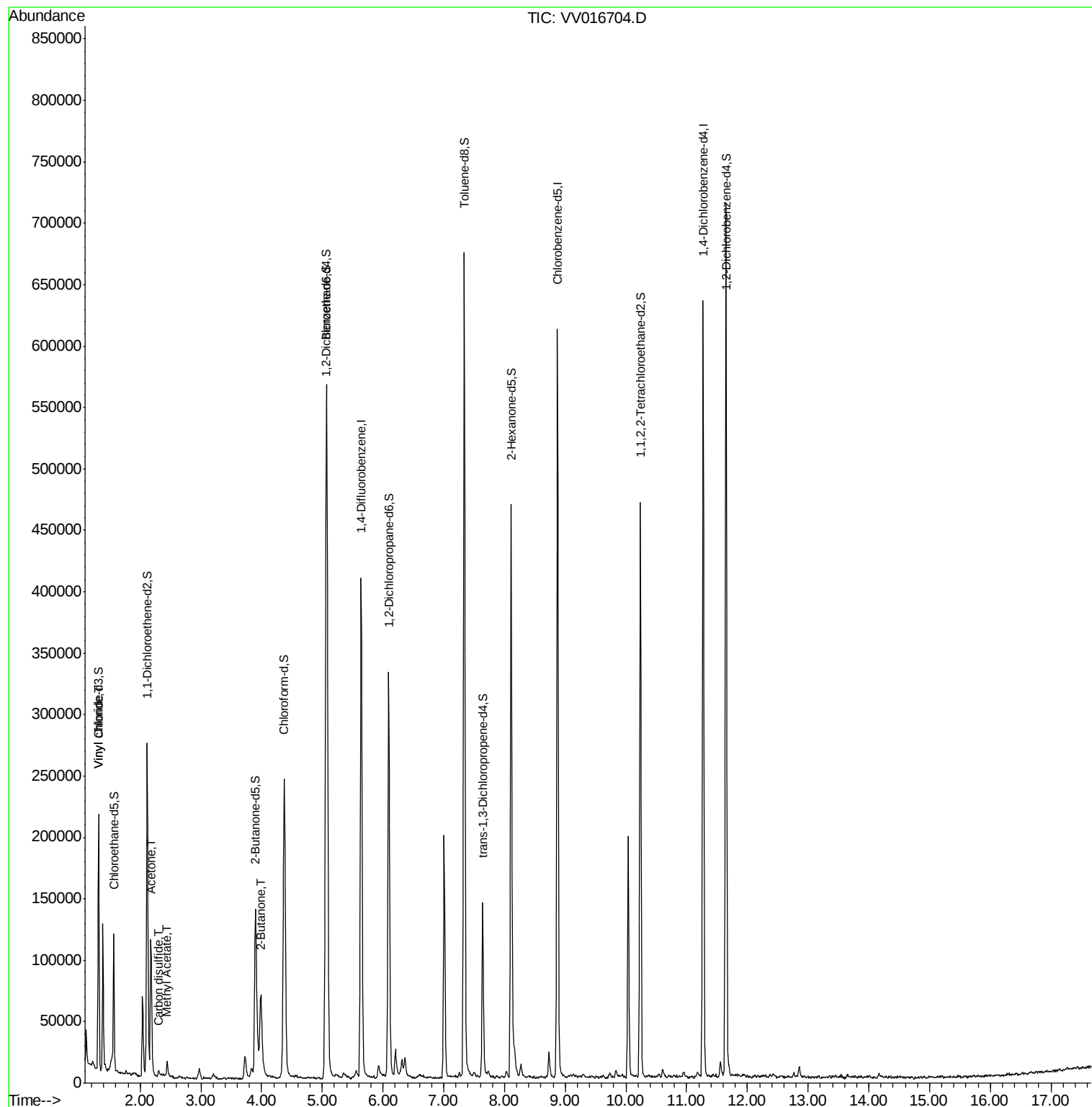
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	32478	13.604	ug/L	97
13) Acetone	2.18	43	119859	104.027	ug/L	98
14) Carbon disulfide	2.31	76	3375	0.561	ug/L #	93
15) Methyl Acetate	2.45	43	13162	5.125	ug/L	95
22) 2-Butanone	3.99	43	110987	62.466	ug/L	98

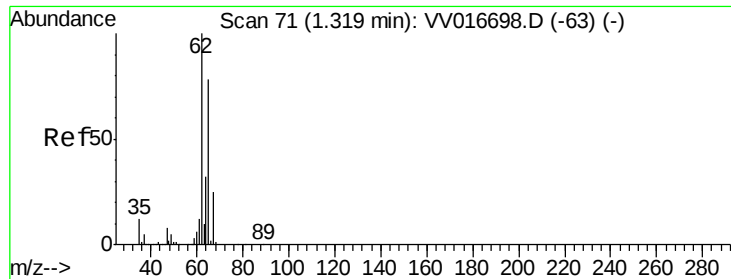
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 13.604 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016704.D

Acq: 09 Jun 2020 10:06

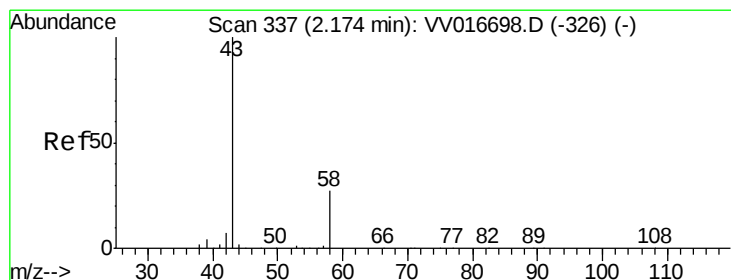
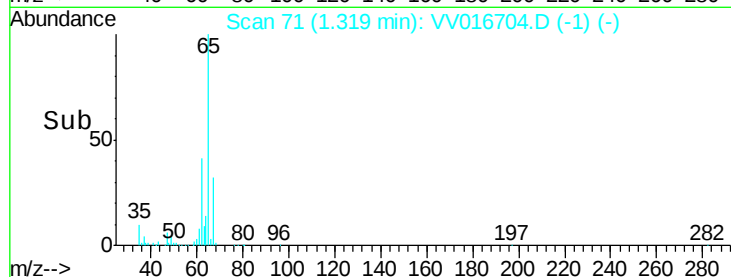
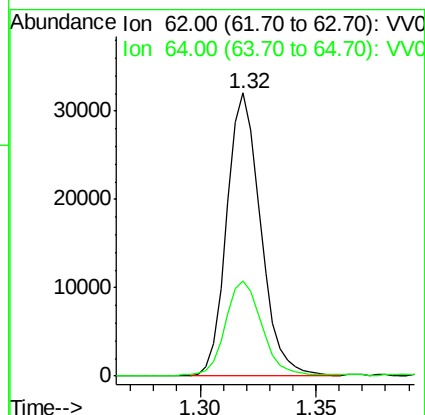
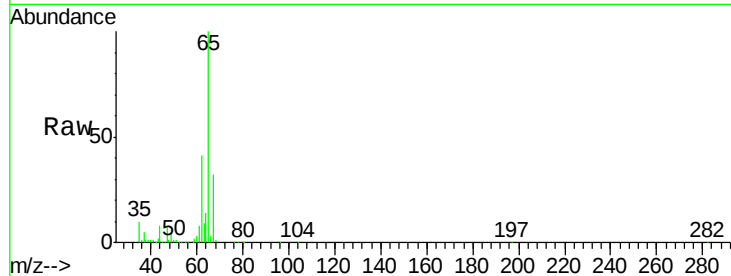
Instrument :
MSVOA_V
ClientSampled :
ETTR8

Tot Ion: 62 Resp: 32478

Ion Ratio Lower Upper

62 100

64 33.7 22.3 41.5



#13

Acetone

Concen: 104.027 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV016704.D

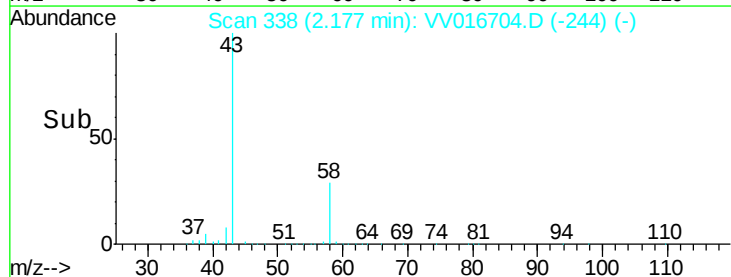
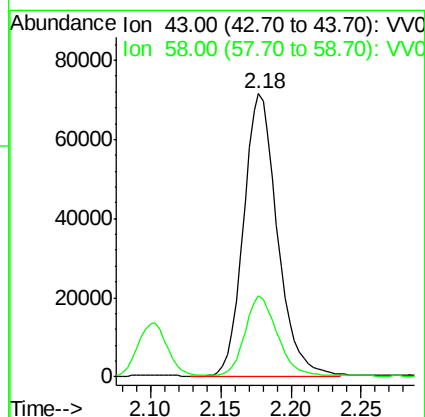
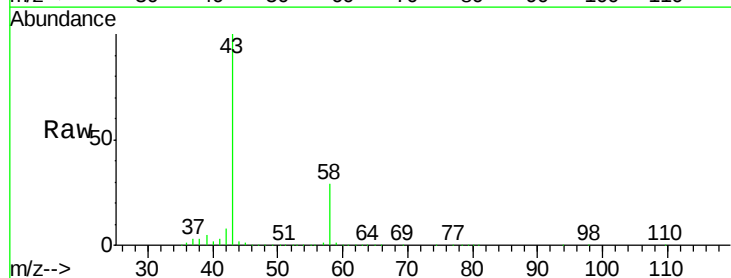
Acq: 09 Jun 2020 10:06

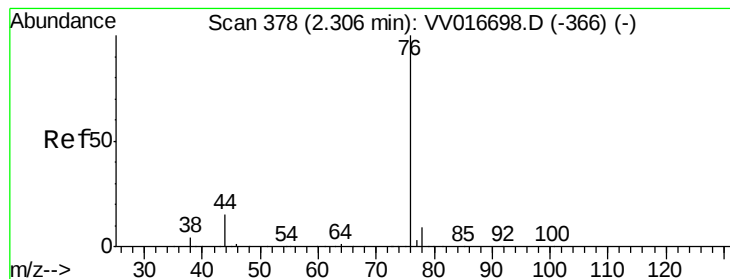
Tgt Ion: 43 Resp: 119859

Ion Ratio Lower Upper

43 100

58 26.6 0.0 55.2





#14

Carbon disulfide

Concen: 0.561 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV016704.D

Acq: 09 Jun 2020 10:06

Instrument :

MSVOA_V

ClientSampleId :

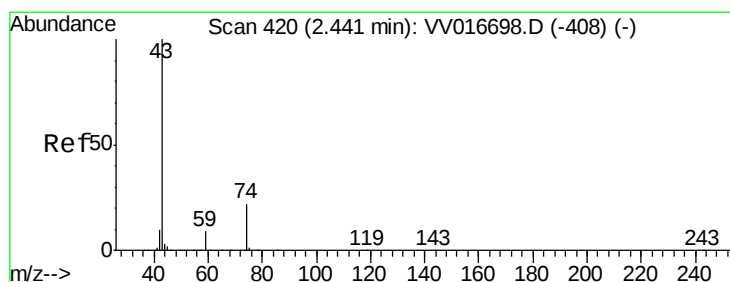
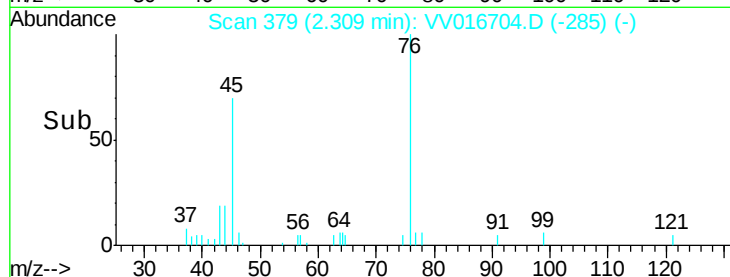
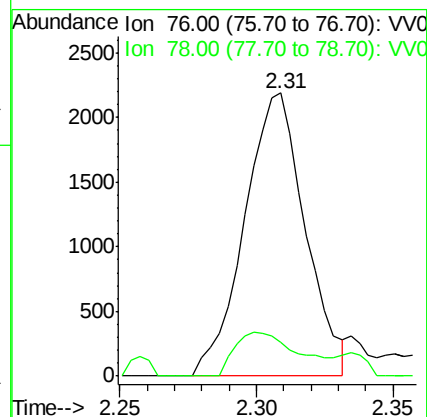
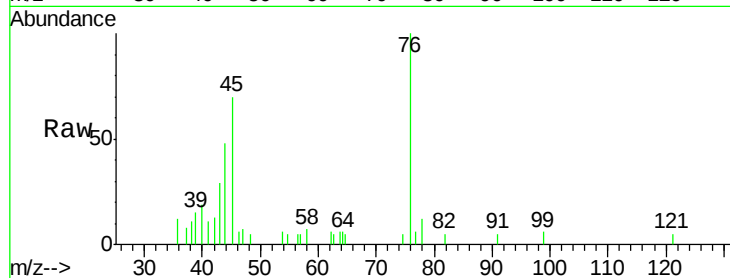
ETTR8

Tot Ion: 76 Resp: 3375

Ion Ratio Lower Upper

76 100

78 11.8 7.4 11.0#



#15

Methyl Acetate

Concen: 5.125 ug/L

RT: 2.45 min Scan# 422

Delta R.T. 0.01 min

Lab File: VV016704.D

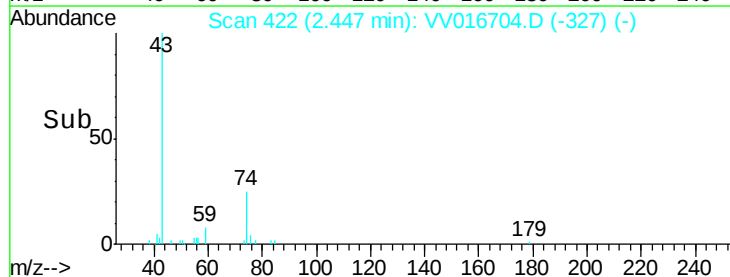
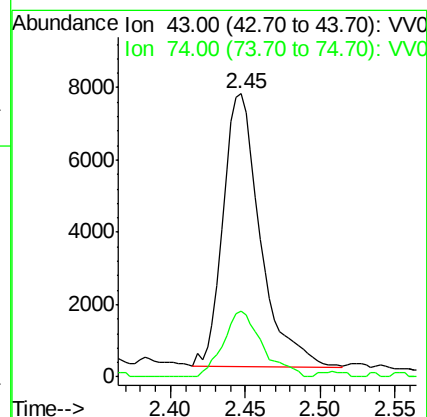
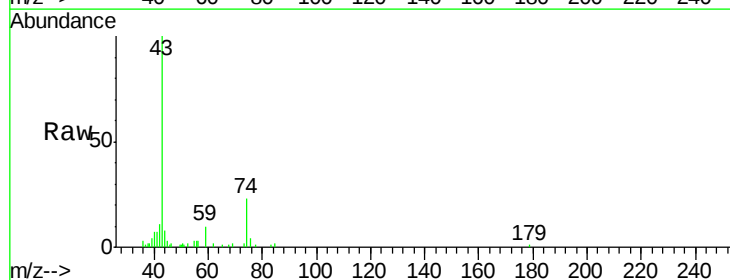
Acq: 09 Jun 2020 10:06

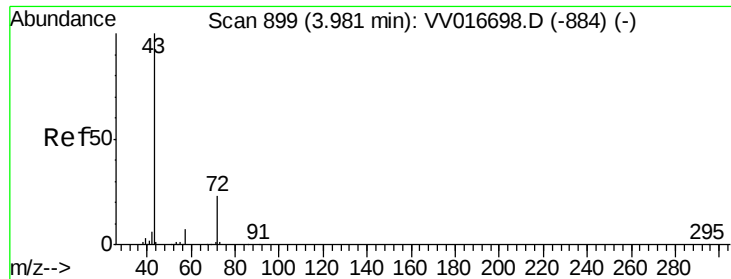
Tgt Ion: 43 Resp: 13162

Ion Ratio Lower Upper

43 100

74 25.0 17.9 26.9





#22
 2-Butanone
 Concen: 62.466 ug/L
 RT: 3.99 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VV016704.D
 Acq: 09 Jun 2020 10:06

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR8

Tot Ion: 43 Resp: 110987
 Ion Ratio Lower Upper
 43 100
 72 24.1 12.4 37.4

