

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014177.D
 Acq On : 23 Dec 2019 23:07
 Operator : SY/MD
 Sample : K6404-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFE06

Quant Time: Dec 24 03:51:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:34:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	406329	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	385151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	176162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132154	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	115122	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	177171	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.92	46	325457	59.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.34%
24) Chloroform-d	4.40	84	251779	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	129334	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.09	84	498887	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.11	67	155840	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	432248	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	50610	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.13	63	240276	55.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.86%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	110544	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	164127	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

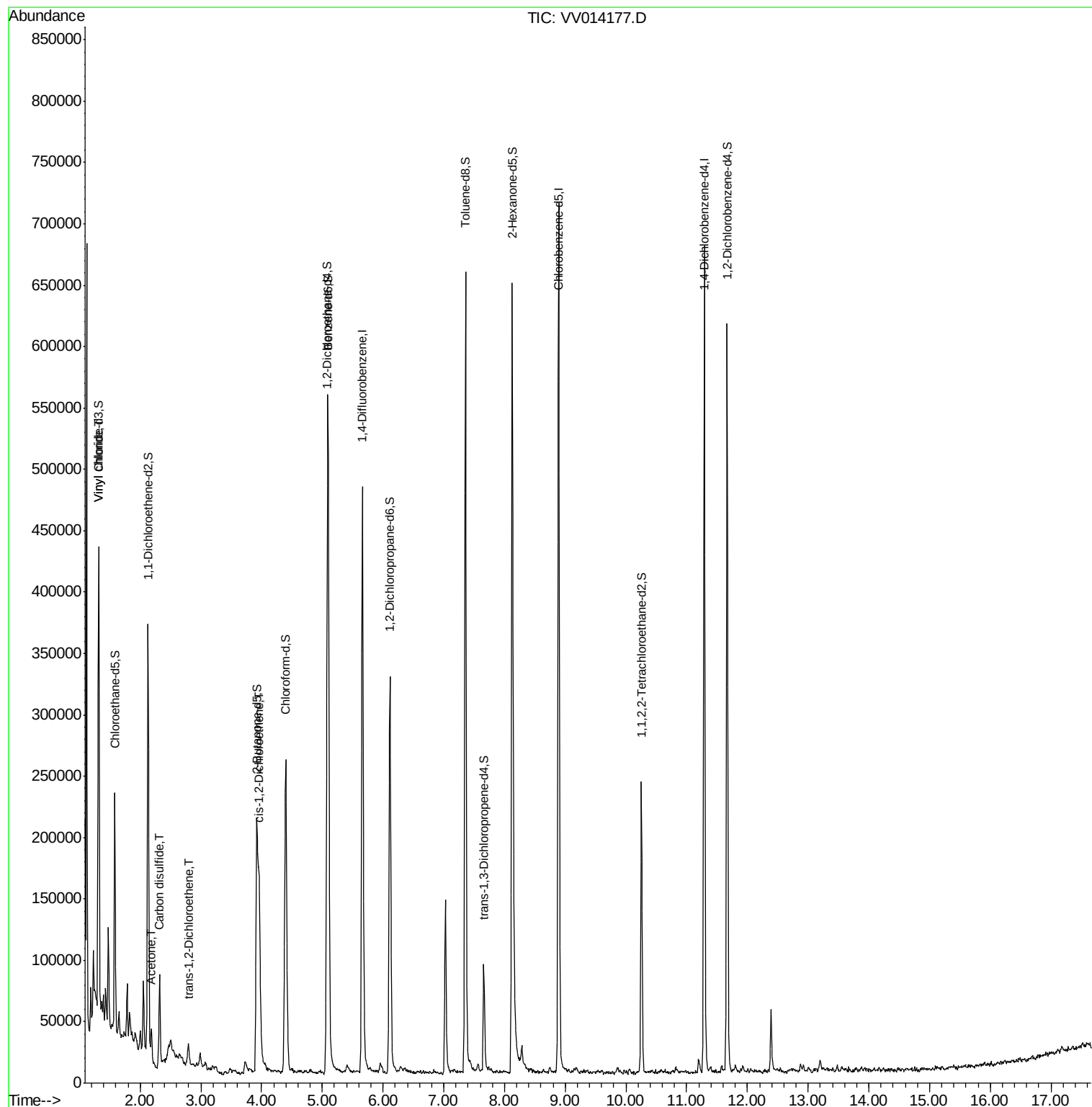
					Ovalue
5) Vinyl chloride	1.33	62	16954	0.537 ug/L #	1
13) Acetone	2.18	43	18590	4.150 ug/L	100
14) Carbon disulfide	2.32	76	97375	1.251 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	4609	0.166 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	66834	2.342 ug/L #	96

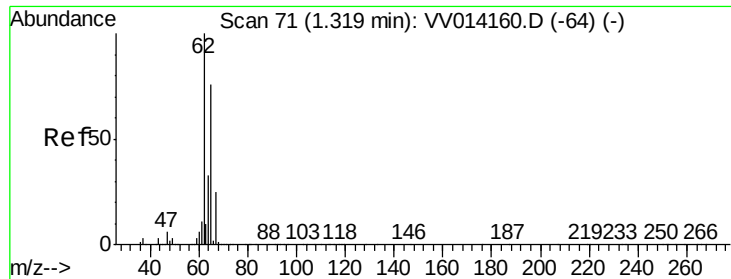
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.537 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.01 min

Lab File: VV014177.D

Acq: 23 Dec 2019 23:07

Instrument :

MSVOA_V

ClientSampled :

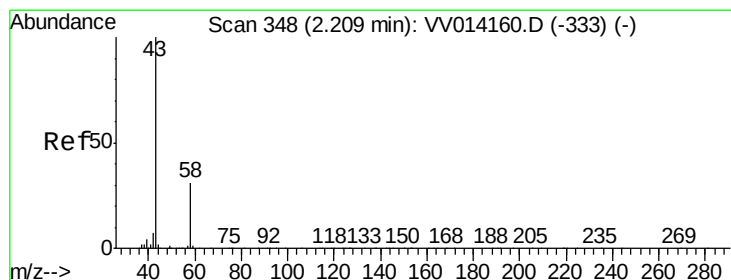
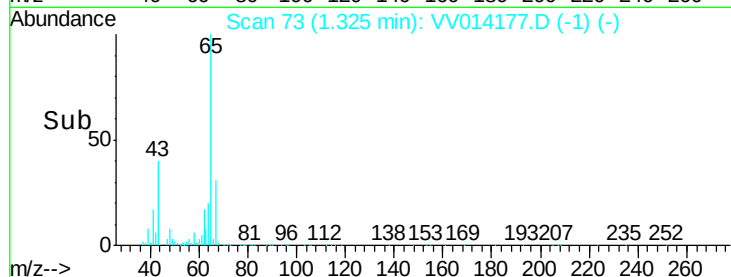
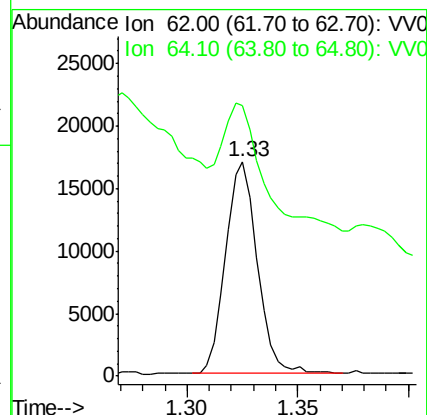
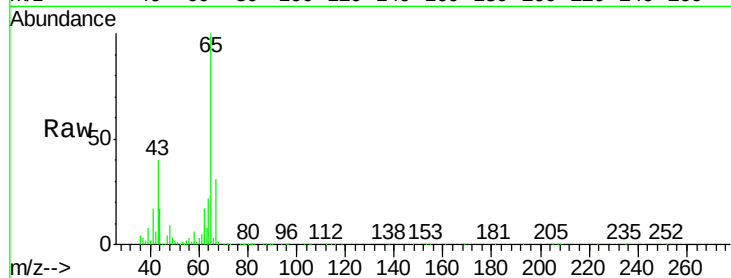
BFE06

Tot Ion: 62 Resp: 16954

Ion Ratio Lower Upper

62 100

64 126.1 22.0 40.8#



#13

Acetone

Concen: 4.150 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.03 min

Lab File: VV014177.D

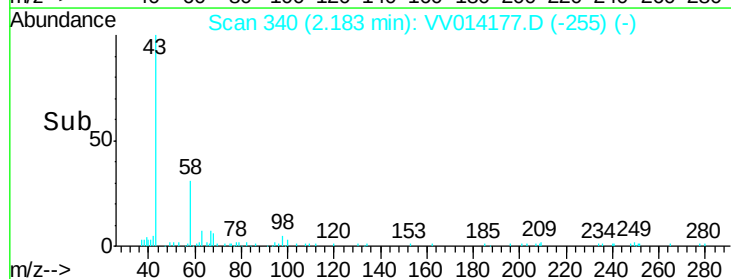
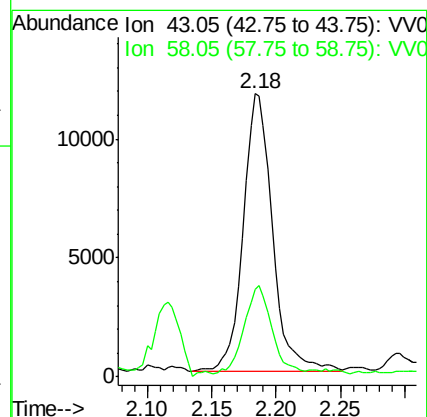
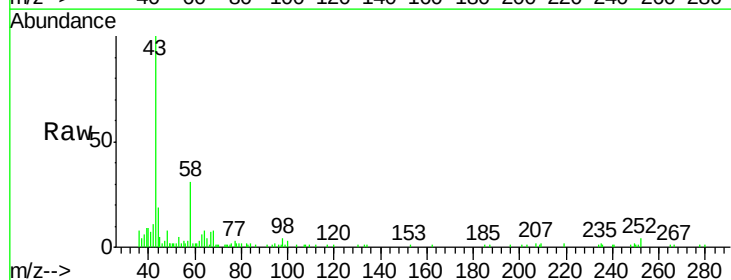
Acq: 23 Dec 2019 23:07

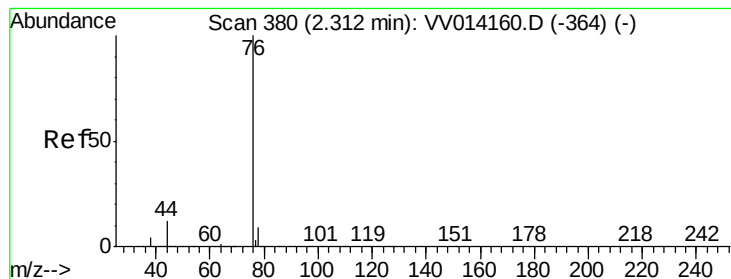
Tgt Ion: 43 Resp: 18590

Ion Ratio Lower Upper

43 100

58 29.3 0.0 58.8





#14

Carbon disulfide

Concen: 1.251 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014177.D

Acq: 23 Dec 2019 23:07

Instrument :

MSVOA_V

ClientSampleId :

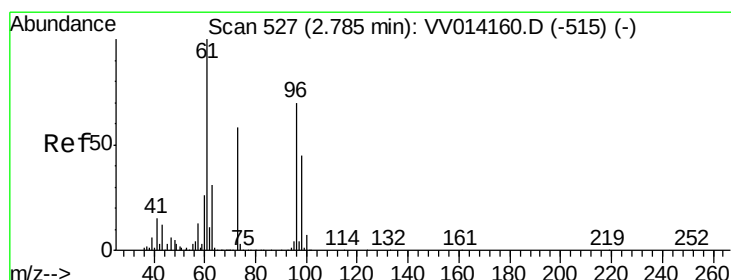
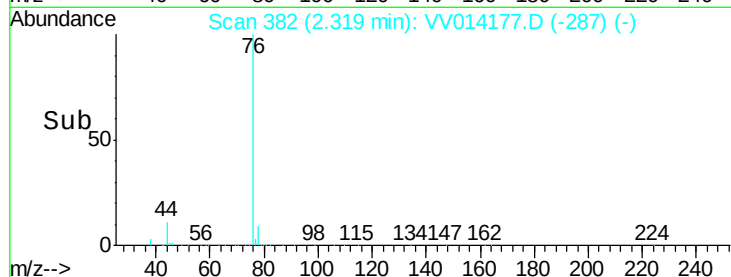
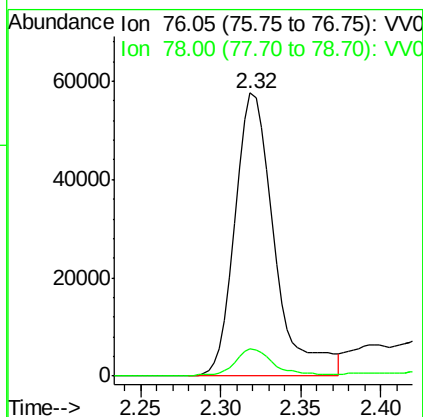
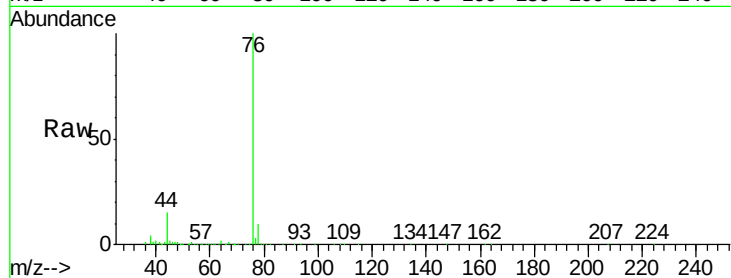
BFE06

Tot Ion: 76 Resp: 97375

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



#18

trans-1,2-Dichloroethene

Concen: 0.166 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV014177.D

Acq: 23 Dec 2019 23:07

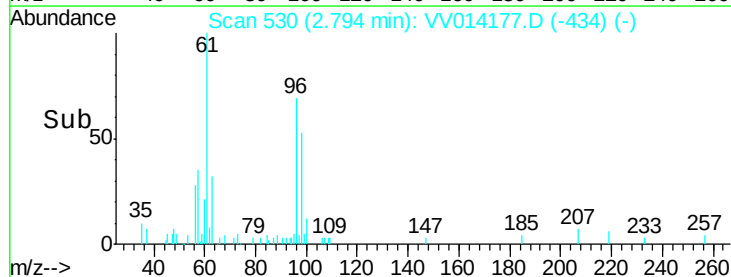
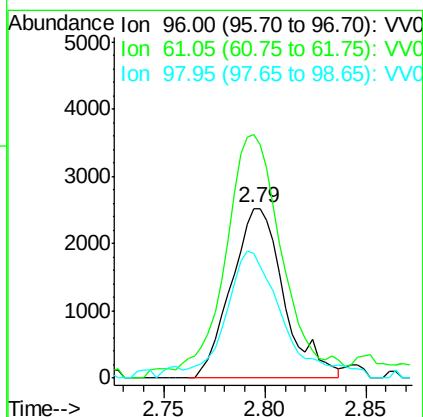
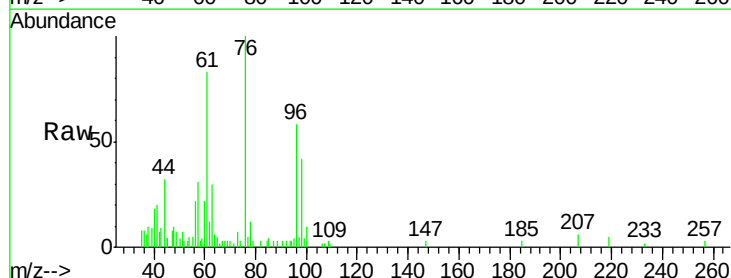
Tgt Ion: 96 Resp: 4609

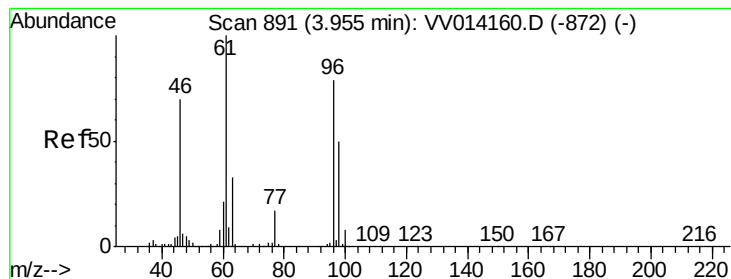
Ion Ratio Lower Upper

96 100

61 143.3 100.7 187.1

98 73.6 46.9 87.1





#22

cis-1,2-Dichloroethene

Concen: 2.342 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV014177.D

Acq: 23 Dec 2019 23:07

Instrument :
MSVOA_V
ClientSampleId :
BFE06

Tot Ion: 96 Resp: 66834

Ion Ratio Lower Upper

96 100

61 134.5 91.2 169.4

68 0.7 0.1 0.3#

