

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011356.D
 Acq On : 10 Jun 2019 18:00
 Operator : SY/MD
 Sample : K3226-04DL 50X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP3DL

Quant Time: Jun 11 03:57:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 11 01:40:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152963	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41783	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.55	69	39166	4.06	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.12	63	70185	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.94	46	135742	52.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.04%
24) Chloroform-d	4.40	84	91495	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	51043	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.09	84	177427	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.12	67	56536	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.36	98	152731	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.66	79	16502	3.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.20%
46) 2-Hexanone-d5	8.13	63	101856	47.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39628	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	51917	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

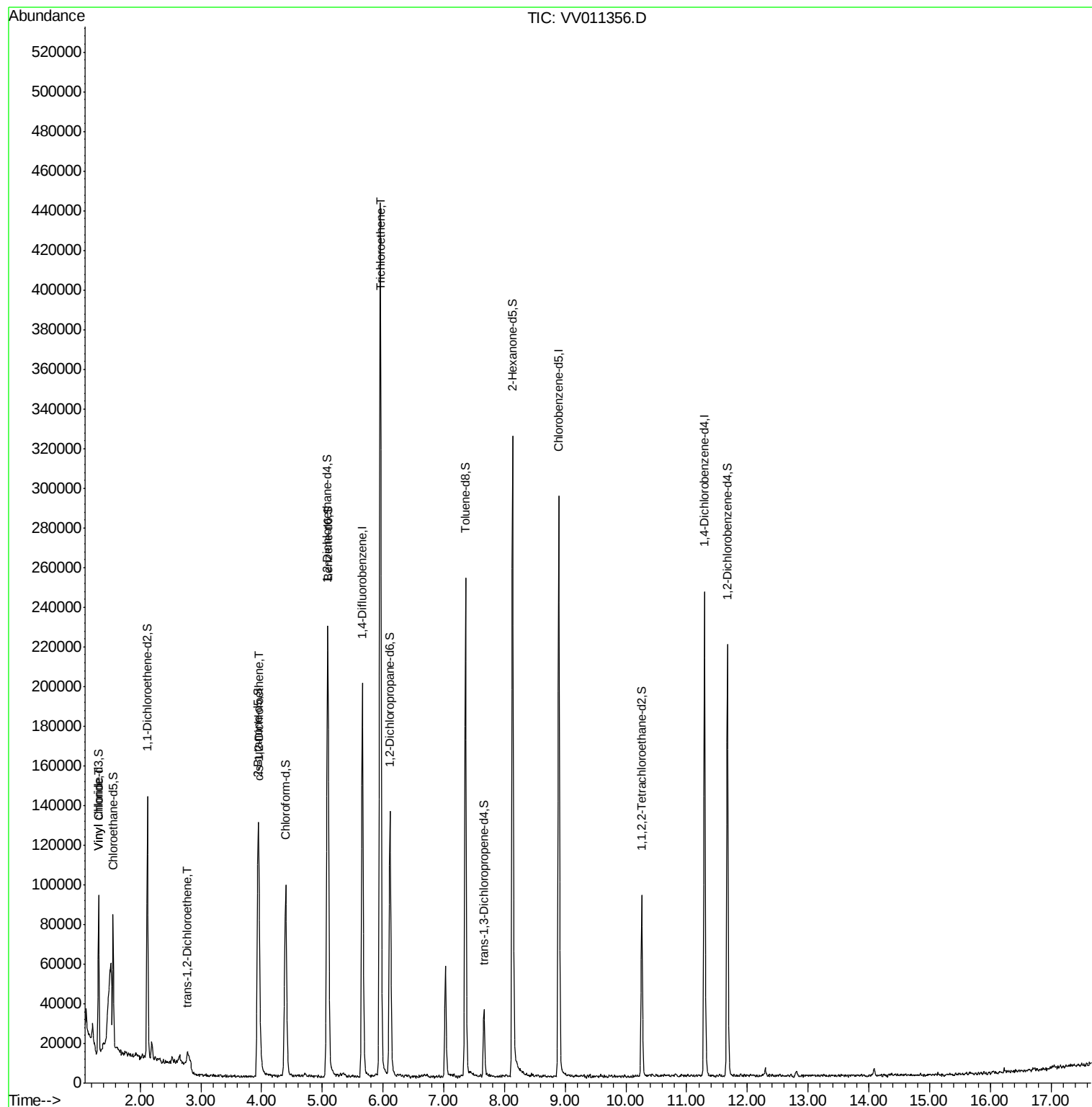
					Ovalue
5) Vinyl chloride	1.32	62	1823	0.130 ug/L	# 1
18) trans-1,2-Dichloroethene	2.78	96	1590	0.147 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	27223	2.278 ug/L	93
34) Trichloroethene	5.96	95	147483	12.448 ug/L	98

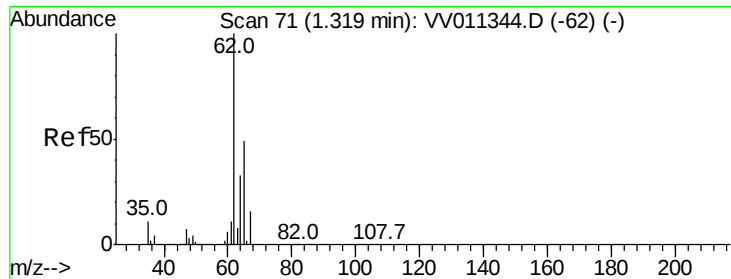
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.130 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011356.D

Acq: 10 Jun 2019 18:00

Instrument :

MSVOA_V

ClientSampleId :

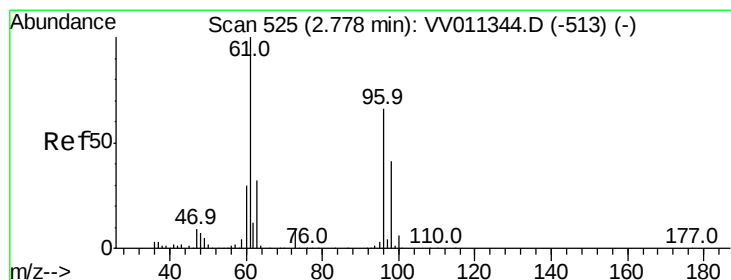
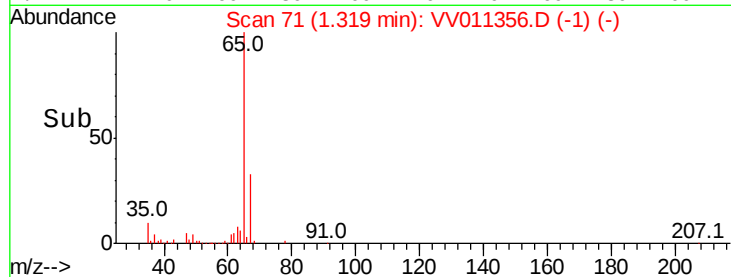
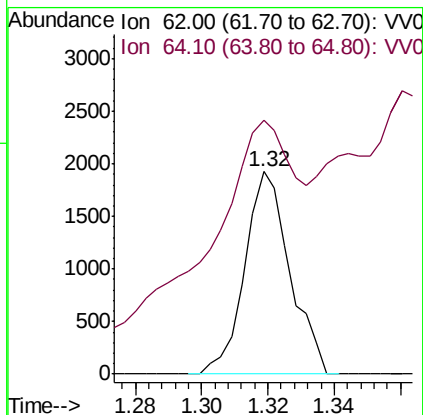
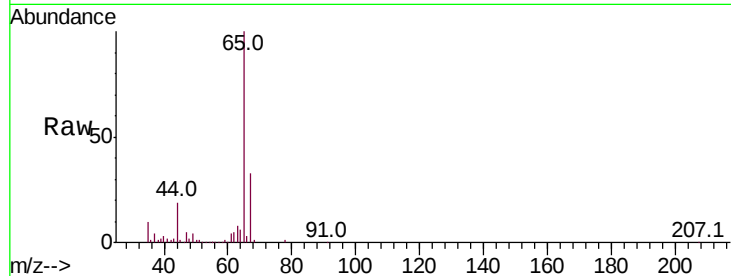
BFCP3DL

Tot Ion: 62 Resp: 1823

Ion Ratio Lower Upper

62 100

64 125.4 25.9 48.1#



#18

trans-1,2-Dichloroethene

Concen: 0.147 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV011356.D

Acq: 10 Jun 2019 18:00

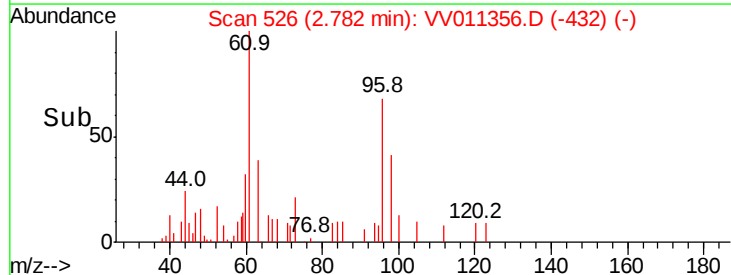
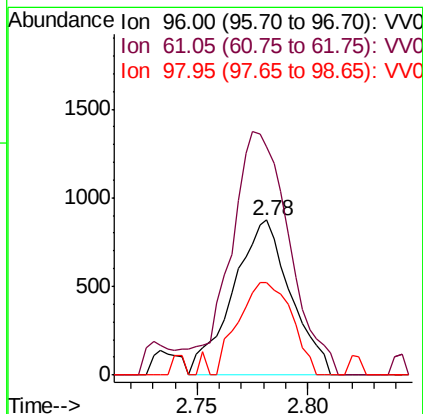
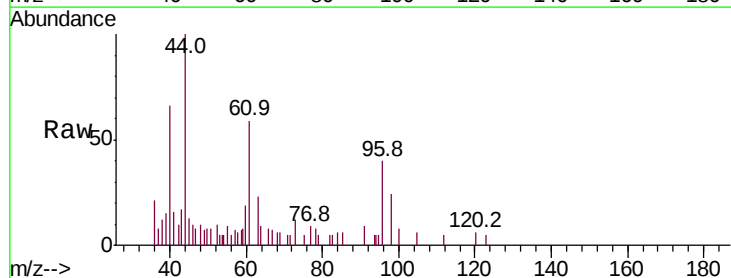
Tgt Ion: 96 Resp: 1590

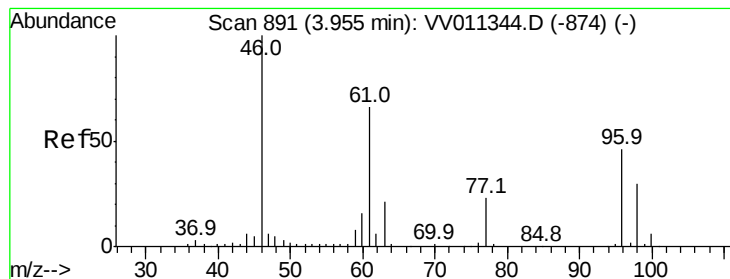
Ion Ratio Lower Upper

96 100

61 147.4 104.0 193.2

98 59.8 45.7 84.9



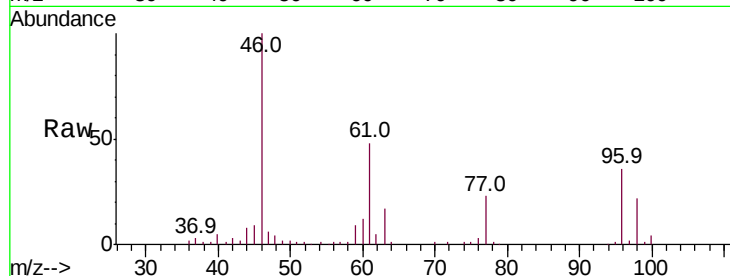


#22

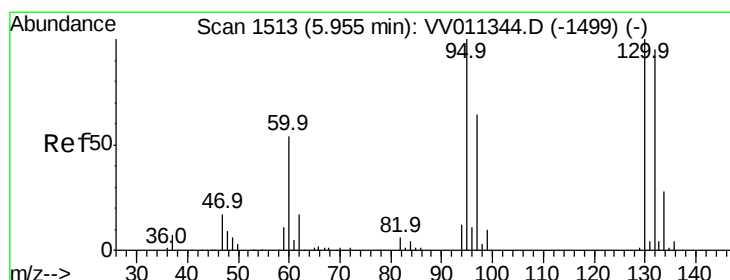
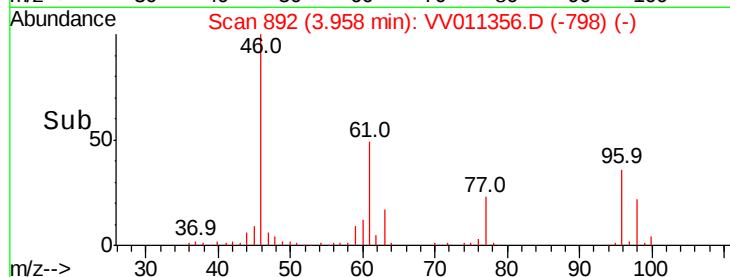
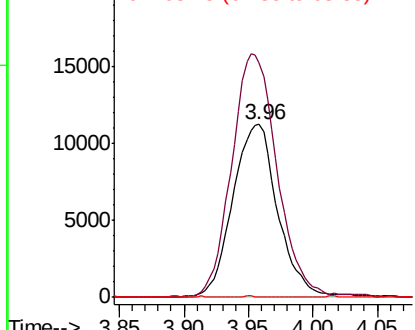
cis-1,2-Dichloroethene
Concen: 2.278 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011356.D
Acq: 10 Jun 2019 18:00

Instrument :
MSVOA_V
ClientSampleId :
BFCP3DL

Tot Ion: 96 Resp: 27223
Ion Ratio Lower Upper
96 100
61 135.5 100.8 187.2
68 0.0 0.0 0.0



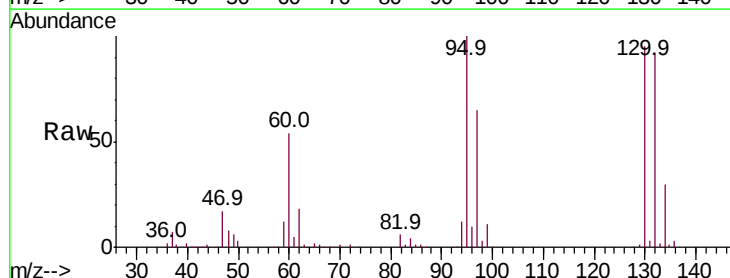
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



#34

Trichloroethene
Concen: 12.448 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011356.D
Acq: 10 Jun 2019 18:00

Tgt Ion: 95 Resp: 147483
Ion Ratio Lower Upper
95 100
97 64.8 45.8 85.2
132 92.3 66.4 123.2
130 94.5 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0

