

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009797.D
 Acq On : 07 Apr 2019 03:58
 Operator : SY/VA
 Sample : K2217-20
 Misc : 5.38G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF610

Quant Time: Apr 07 05:40:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	372710	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131590	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122130	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.16%
7) Chloroethane-d5	2.89	69	120045	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.48%
10) 1,1-Dichloroethene-d2	4.01	63	219356	20.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.64%
20) 2-Butanone-d5	7.07	46	100380	63.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.78%
24) Chloroform-d	7.64	84	309950	30.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.92%
26) 1,2-Dichloroethane-d4	8.30	65	204534	32.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	131.04%#
29) Benzene-d6	8.27	84	571873	30.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.04%
33) 1,2-Dichloropropane-d6	9.27	67	185194	32.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.00%#
37) Toluene-d8	10.32	98	502183	29.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.88%
38) trans-1,3-Dichloropropene-	10.58	79	71076	25.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.80%
39) 2-Hexanone-d5	10.93	63	60698	56.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161702	30.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.16%#
61) 1,2-Dichlorobenzene-d4	13.85	152	156085	33.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	135.20%#

Target Compounds

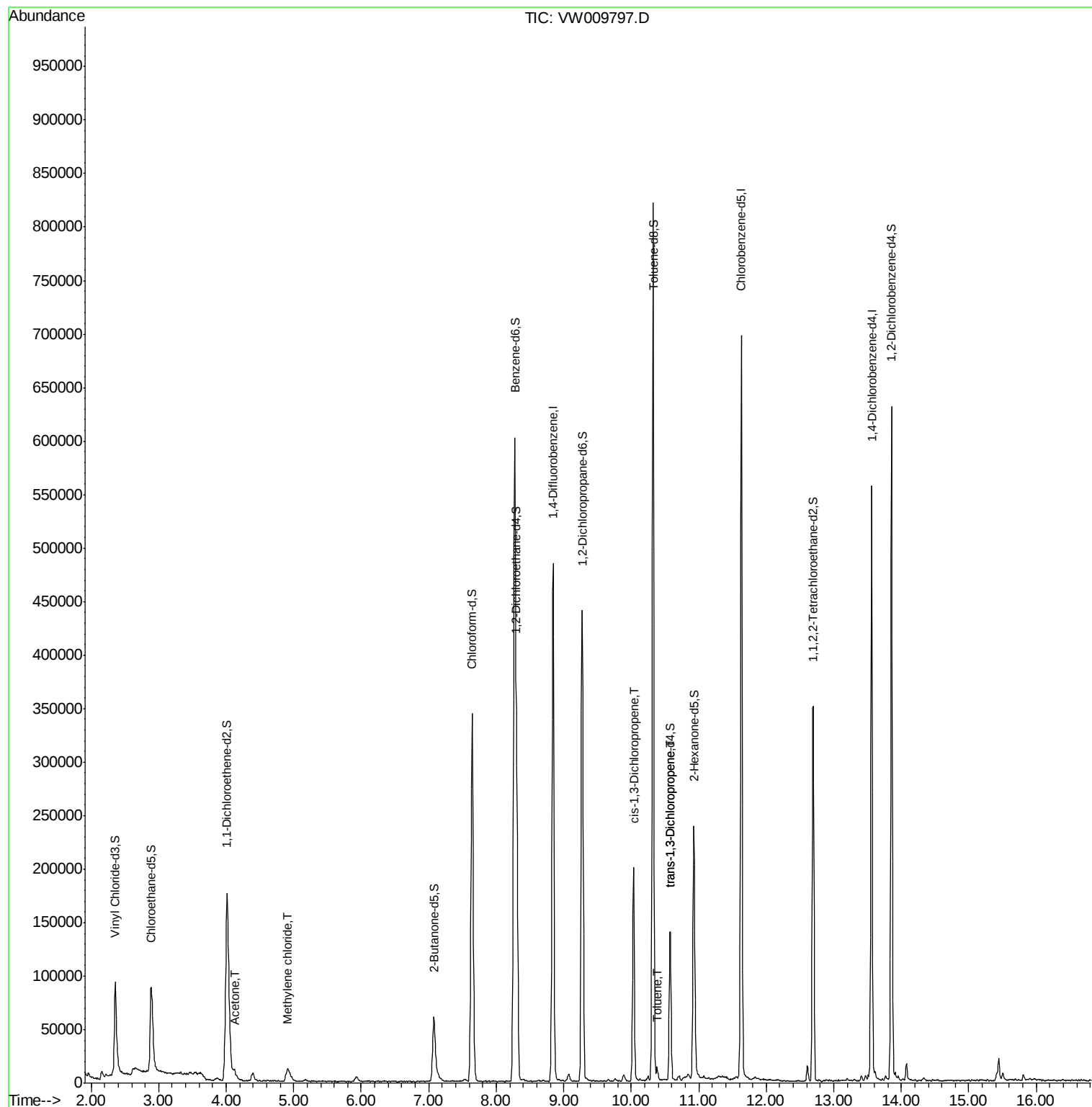
					Qvalue
13) Acetone	4.13	43	5870	3.460 ug/L	59
16) Methylene chloride	4.91	84	6282	0.956 ug/L	77
42) cis-1,3-Dichloropropene	10.03	75	5838	0.691 ug/L #	68
44) Toluene	10.38	91	7564	0.335 ug/L	94
45) trans-1,3-Dichloropropene	10.57	75	3967	0.545 ug/L #	70

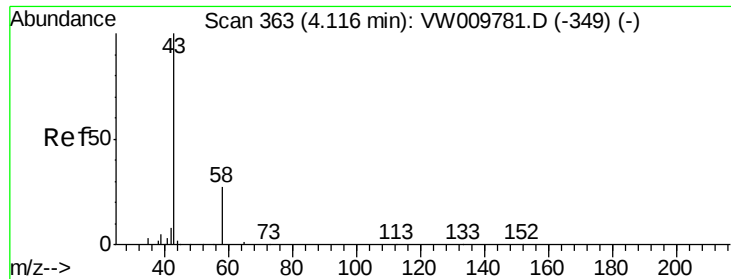
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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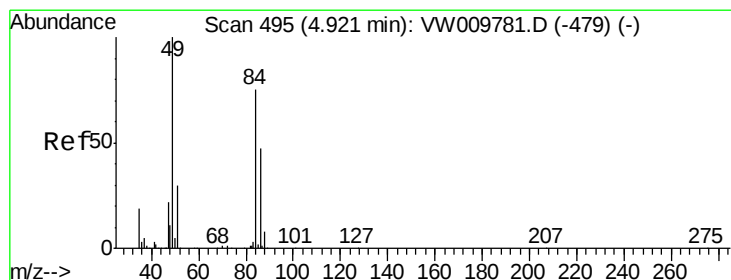
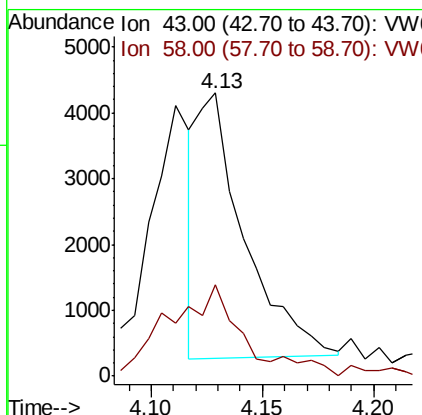
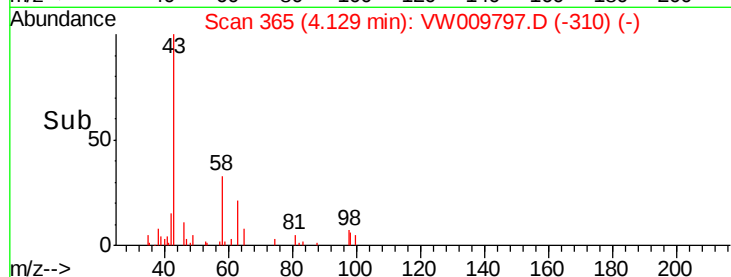
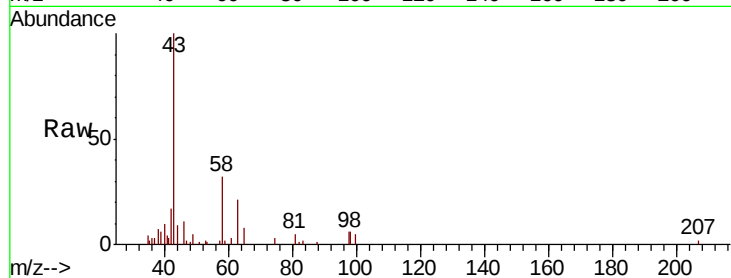




#13
Acetone
Concen: 3.460 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW009797.D
Acq: 07 Apr 2019 03:58

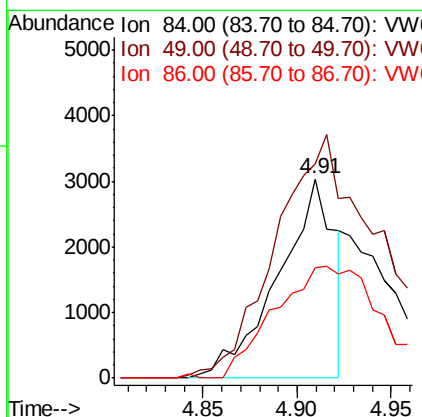
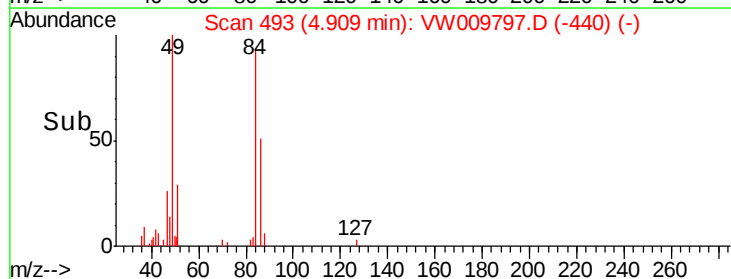
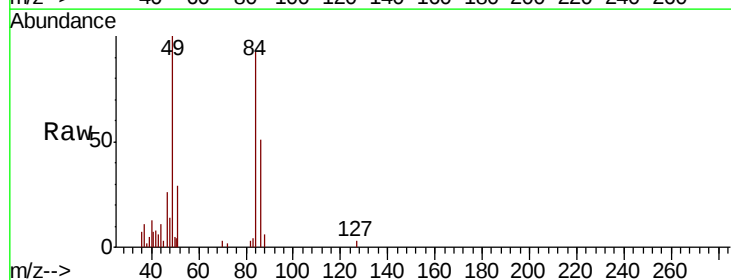
Instrument :
MSVOA_W
ClientSampleId :
BF610

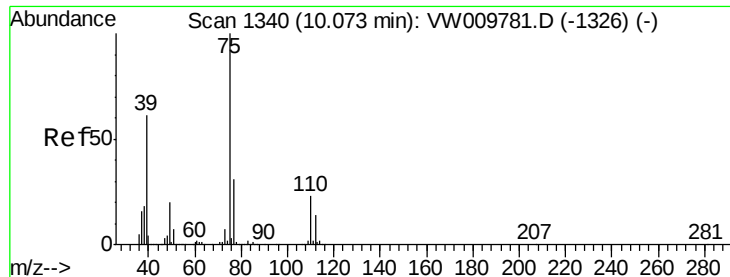
Tgt Ion: 43 Resp: 5870
Ion Ratio Lower Upper
43 100
58 47.8 0.0 53.0



#16
Methylene chloride
Concen: 0.956 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009797.D
Acq: 07 Apr 2019 03:58

Tgt Ion: 84 Resp: 6282
Ion Ratio Lower Upper
84 100
49 107.7 98.3 182.5
86 55.4 46.4 86.2





#42

cis-1,3-Dichloropropene

Concen: 0.691 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009797.D

Acq: 07 Apr 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

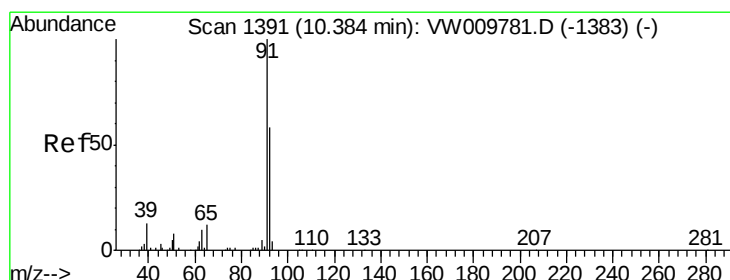
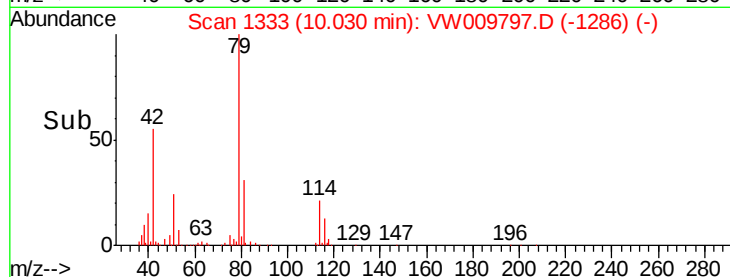
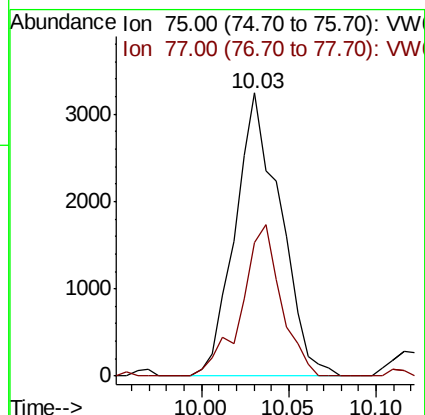
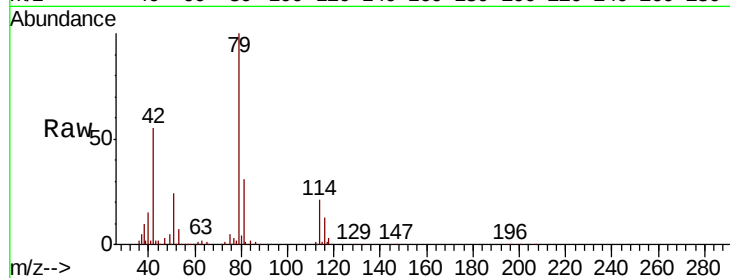
BF610

Tgt Ion: 75 Resp: 5838

Ion Ratio Lower Upper

75 100

77 47.2 21.0 39.0#



#44

Toluene

Concen: 0.335 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009797.D

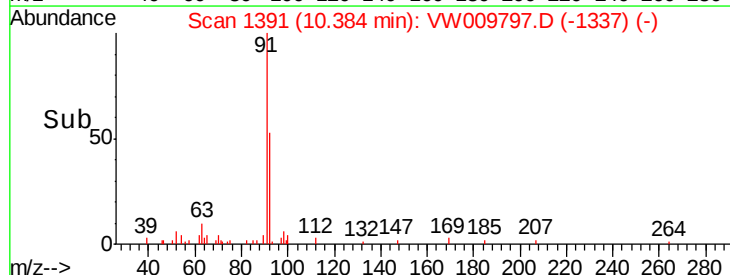
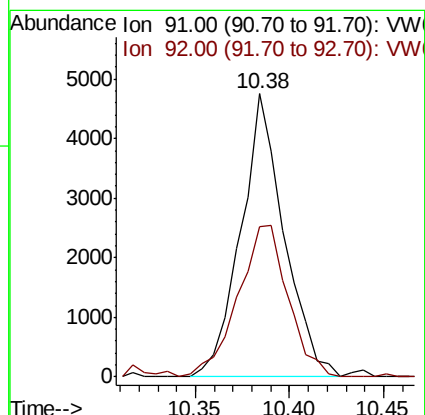
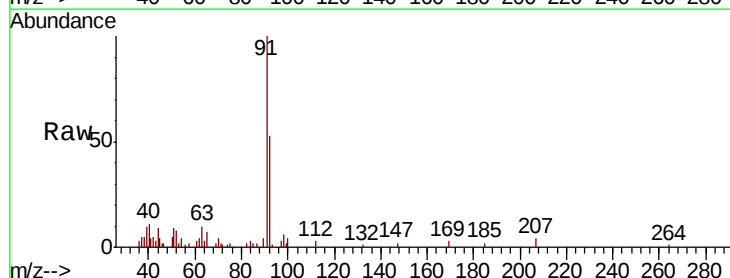
Acq: 07 Apr 2019 03:58

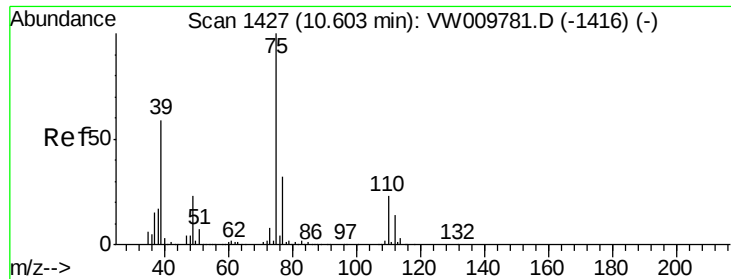
Tgt Ion: 91 Resp: 7564

Ion Ratio Lower Upper

91 100

92 53.1 40.5 75.1





#45

trans-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009797.D

Acq: 07 Apr 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

BF610

Tgt Ion: 75 Resp: 3967

Ion Ratio Lower Upper

75 100

77 46.3 21.1 39.3#

