

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009847.D
 Acq On : 09 Apr 2019 20:01
 Operator : SY/VA
 Sample : K2218-12
 Misc : 4.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF632RE

Quant Time: Apr 10 04:46:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	423277	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143005	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123683	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.32%
7) Chloroethane-d5	2.89	69	115522	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
10) 1,1-Dichloroethene-d2	4.01	63	227535	19.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.40%
20) 2-Butanone-d5	7.07	46	159738	88.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.64%#
24) Chloroform-d	7.65	84	334004	28.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.68%
26) 1,2-Dichloroethane-d4	8.30	65	227062	32.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.08%
29) Benzene-d6	8.27	84	590861	28.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.40%
33) 1,2-Dichloropropane-d6	9.27	67	193060	30.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.08%#
37) Toluene-d8	10.32	98	495200	26.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.60%
38) trans-1,3-Dichloropropene-	10.58	79	82873	27.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.88%
39) 2-Hexanone-d5	10.93	63	100763	84.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	207158	35.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.92%#
61) 1,2-Dichlorobenzene-d4	13.86	152	148709	29.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.52%

Target Compounds

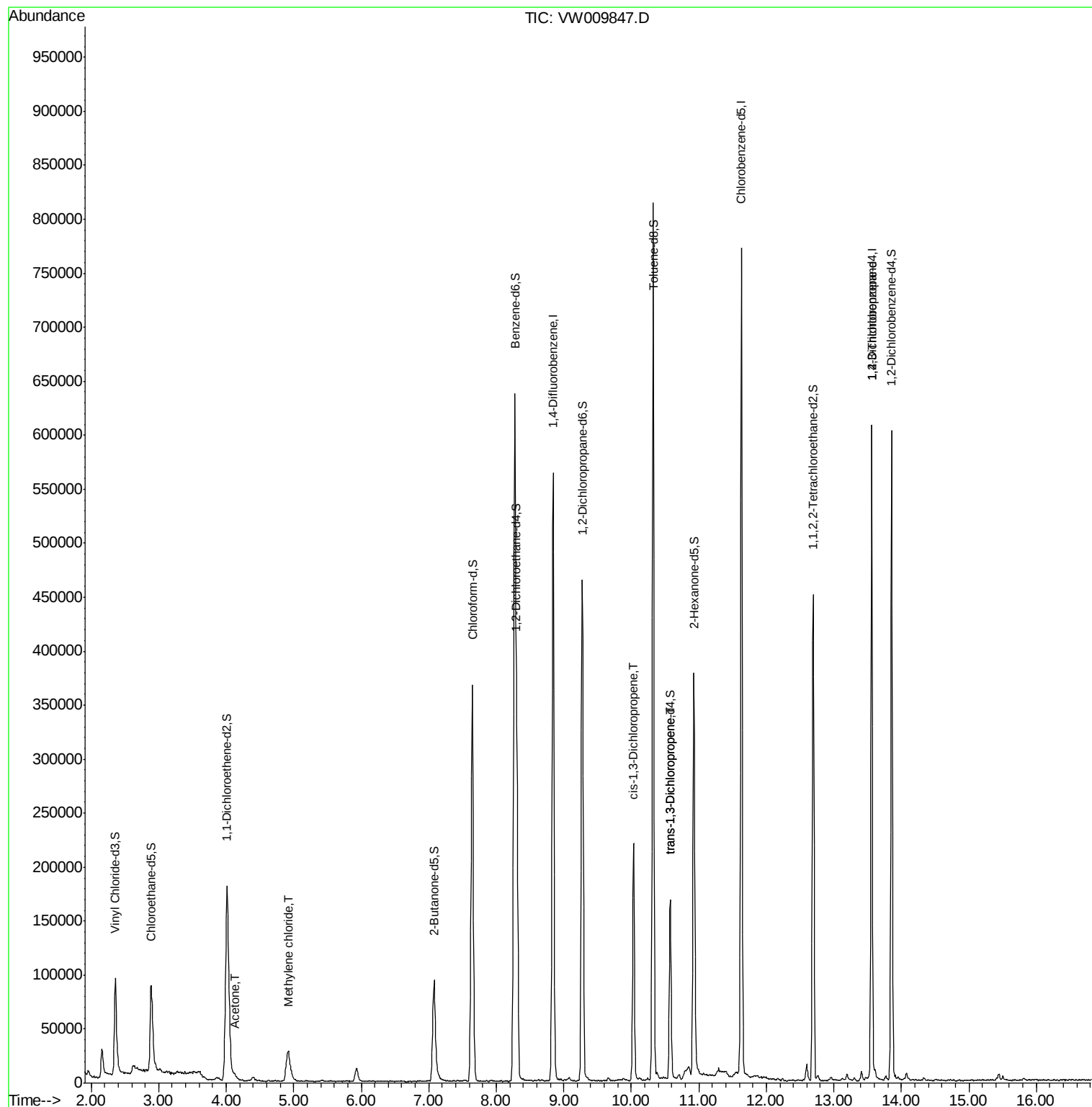
					Qvalue
13) Acetone	4.12	43	6289	3.264 ug/L	72
16) Methylene chloride	4.92	84	11047	1.480 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	6829	0.734 ug/L #	80
45) trans-1,3-Dichloropropene	10.57	75	4689	0.584 ug/L #	82
59) 1,2,3-Trichloropropane	13.56	75	19956	4.421 ug/L	91

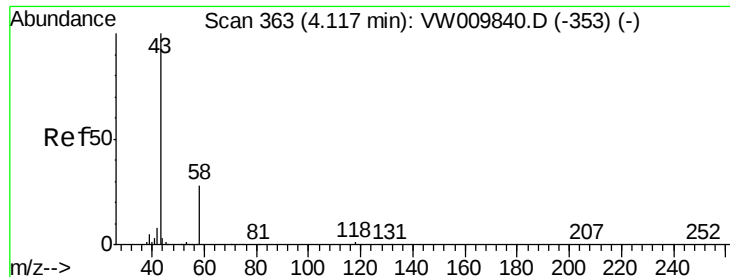
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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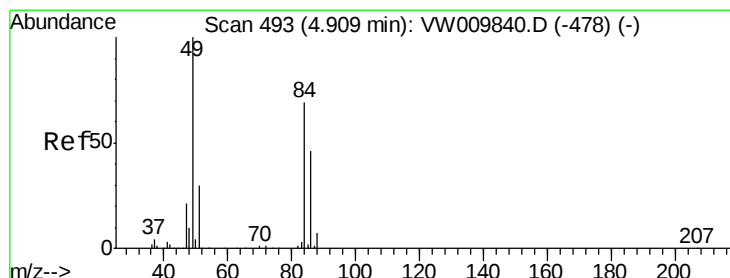
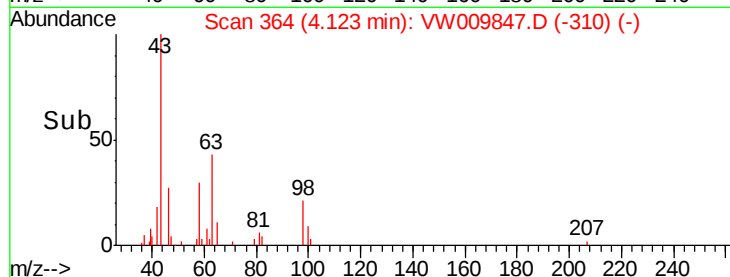
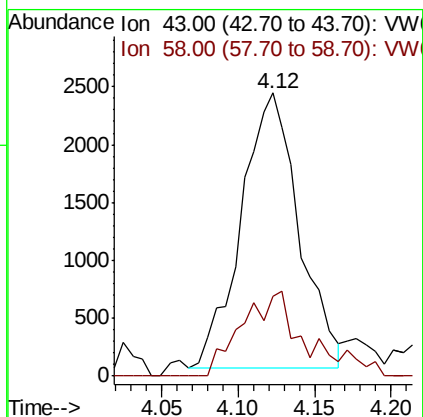
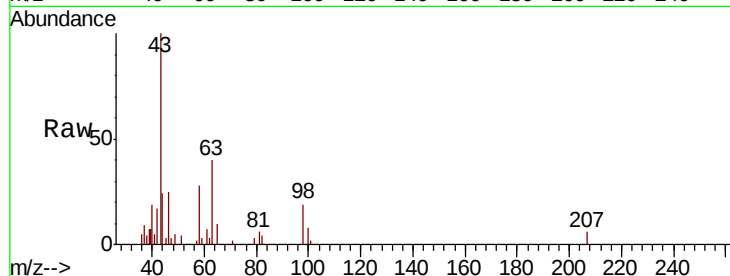




#13
Acetone
Concen: 3.264 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW009847.D
Acq: 09 Apr 2019 20:01

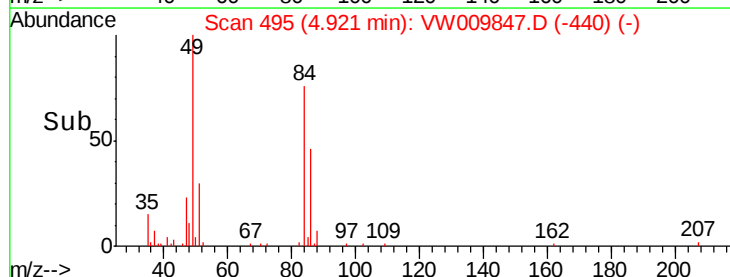
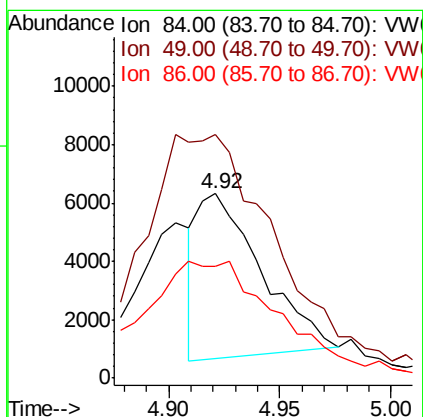
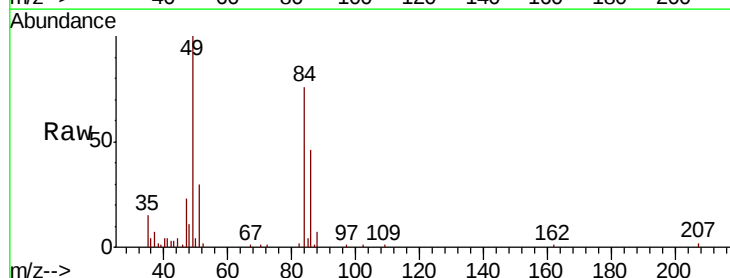
Instrument :
MSVOA_W
ClientSampled :
BF632RE

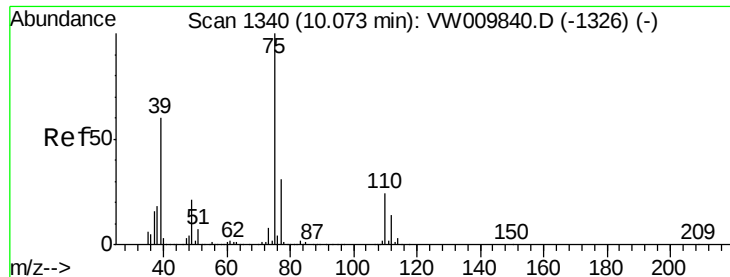
Tgt Ion: 43 Resp: 6289
Ion Ratio Lower Upper
43 100
58 12.0 0.0 53.0



#16
Methylene chloride
Concen: 1.480 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009847.D
Acq: 09 Apr 2019 20:01

Tgt Ion: 84 Resp: 11047
Ion Ratio Lower Upper
84 100
49 131.8 98.3 182.5
86 60.7 46.4 86.2





#42

cis-1,3-Dichloropropene

Concen: 0.734 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009847.D

Acq: 09 Apr 2019 20:01

Instrument :

MSVOA_W

ClientSampleId :

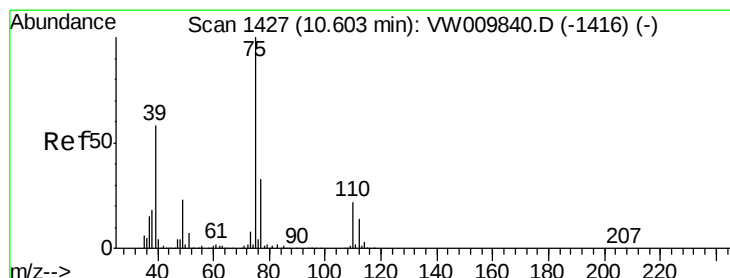
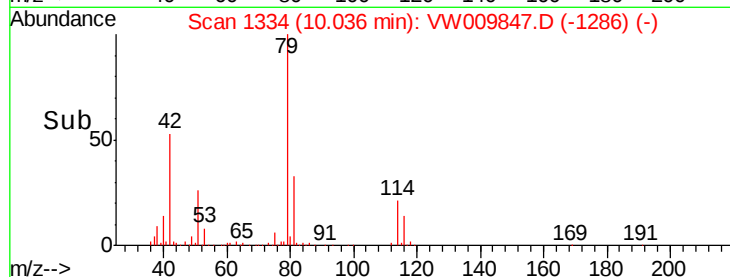
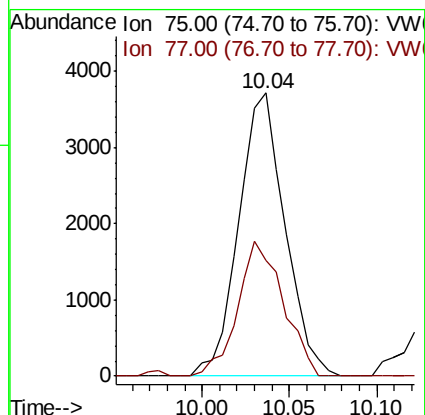
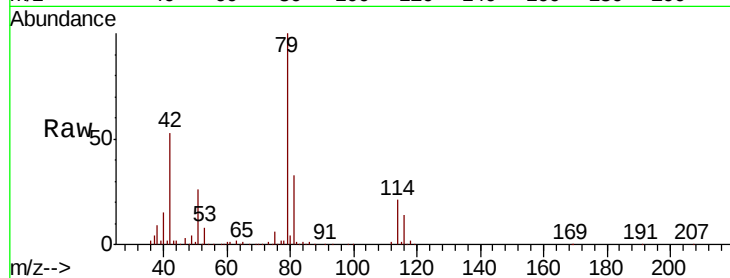
BF632RE

Tgt Ion: 75 Resp: 6829

Ion Ratio Lower Upper

75 100

77 40.9 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.584 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009847.D

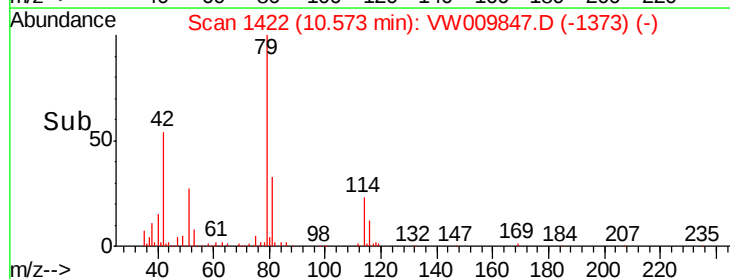
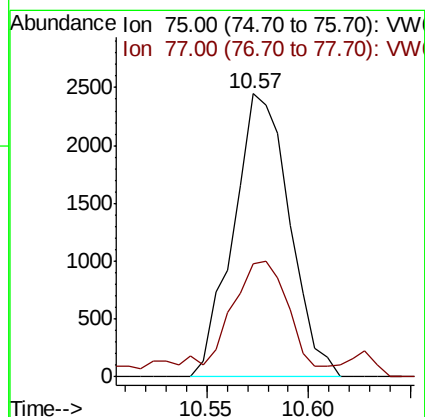
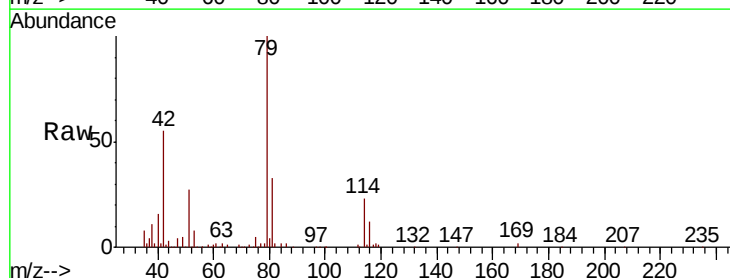
Acq: 09 Apr 2019 20:01

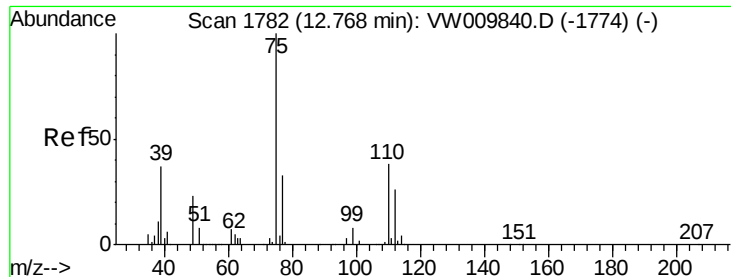
Tgt Ion: 75 Resp: 4689

Ion Ratio Lower Upper

75 100

77 40.0 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 4.421 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009847.D

Acq: 09 Apr 2019 20:01

Instrument :

MSVOA_W

ClientSampleId :

BF632RE

Tgt Ion: 75 Resp: 19956

Ion Ratio Lower Upper

75 100

77 37.7 26.2 39.2

