

Data File : VW009542.D
Acq On : 28 Mar 2019 17:03
Operator : SY/VA
Sample : K2084-13
Misc : 5.45G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7X3

Quant Time: Mar 29 05:39:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	353150	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322868	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	117844	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134263	31.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.24%
7) Chloroethane-d5	2.89	69	121759	24.66	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
10) 1,1-Dichloroethene-d2	4.02	63	196017	21.49	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.96%
20) 2-Butanone-d5	7.07	46	82970	47.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.08%
24) Chloroform-d	7.65	84	242023	25.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	8.30	65	151852	26.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.64%
29) Benzene-d6	8.27	84	462863	25.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.96%
33) 1,2-Dichloropropane-d6	9.27	67	139953	26.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.68%
37) Toluene-d8	10.32	98	400117	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	10.58	79	61973	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.28%
39) 2-Hexanone-d5	10.93	63	52825	40.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123316	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	112517	24.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.60%

Target Compounds

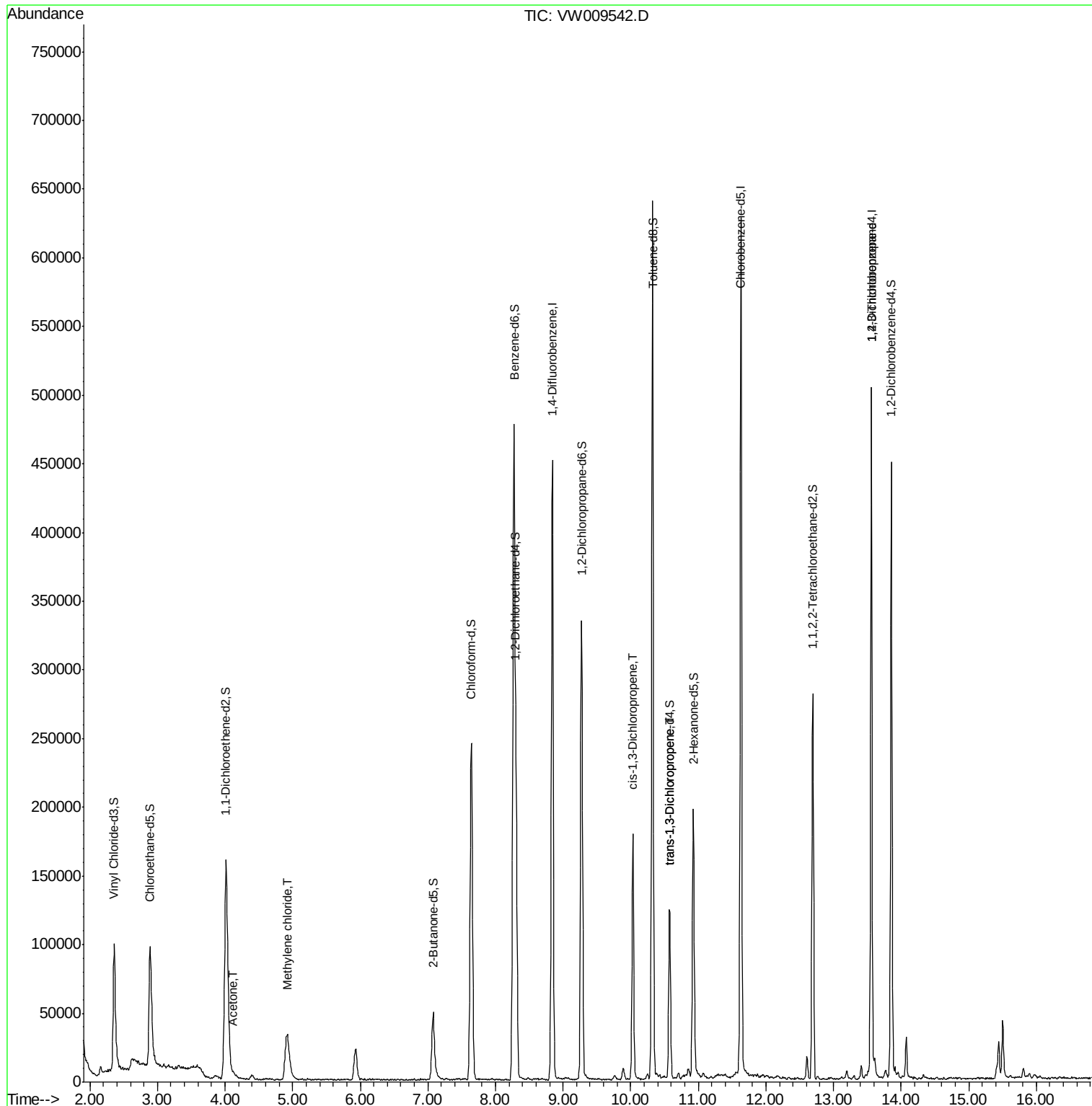
					Qvalue
13) Acetone	4.12	43	4023	2.811 ug/L	63
16) Methylene chloride	4.92	84	31191	6.057 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	5283	0.715 ug/L	83
45) trans-1,3-Dichloropropene	10.57	75	3394	0.528 ug/L	90
59) 1,2,3-Trichloropropane	13.56	75	16194	4.471 ug/L	89

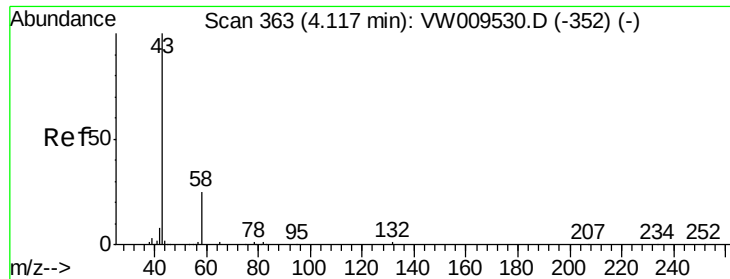
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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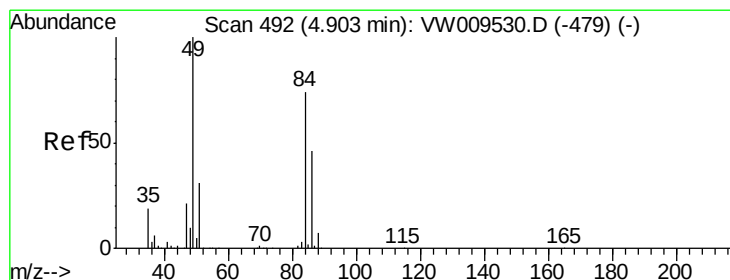
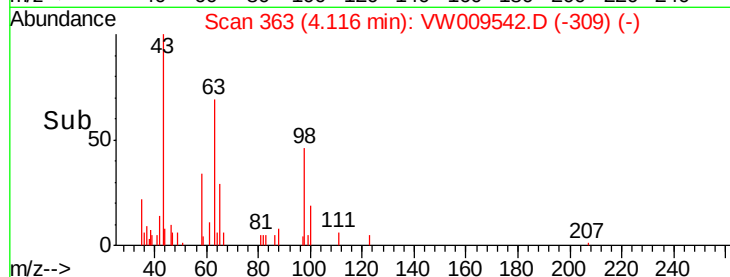
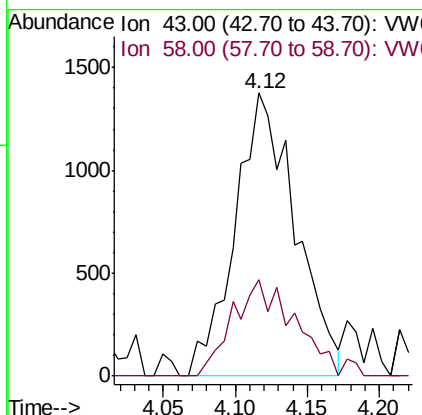
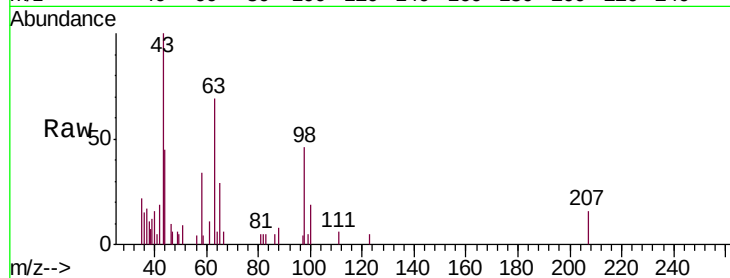




#13
Acetone
Concen: 2.811 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW009542.D
Acq: 28 Mar 2019 17:03

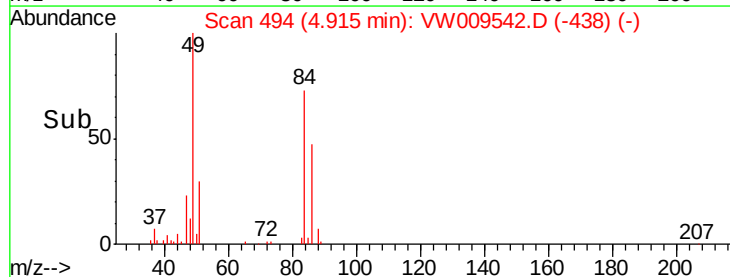
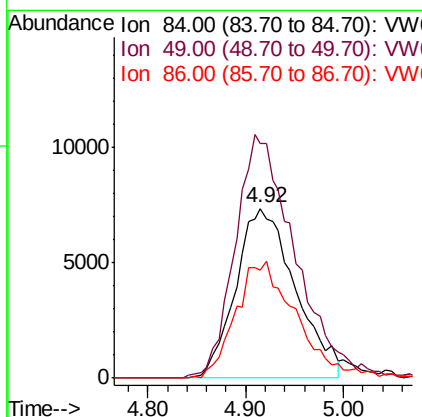
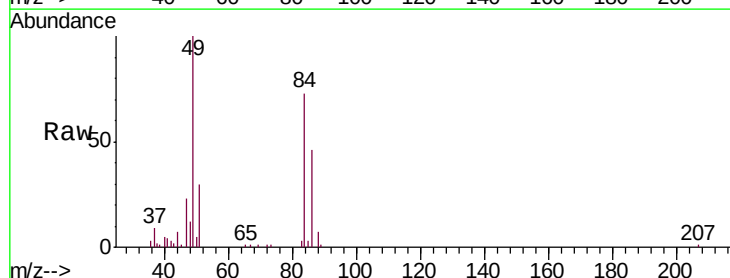
Instrument :
MSVOA_W
ClientSampled :
BF7X3

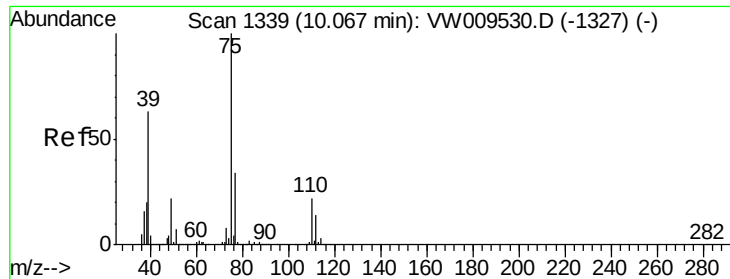
Tgt Ion: 43 Resp: 4023
Ion Ratio Lower Upper
43 100
58 8.6 0.0 56.2



#16
Methylene chloride
Concen: 6.057 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009542.D
Acq: 28 Mar 2019 17:03

Tgt Ion: 84 Resp: 31191
Ion Ratio Lower Upper
84 100
49 137.8 96.0 178.2
86 63.8 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.715 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW009542.D

Acq: 28 Mar 2019 17:03

Instrument :

MSVOA_W

ClientSampled :

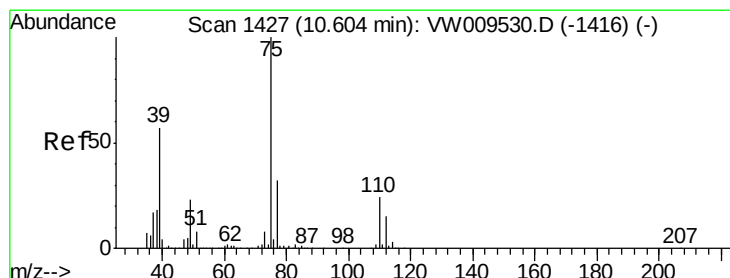
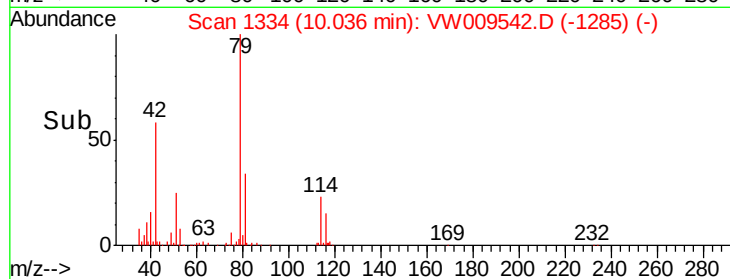
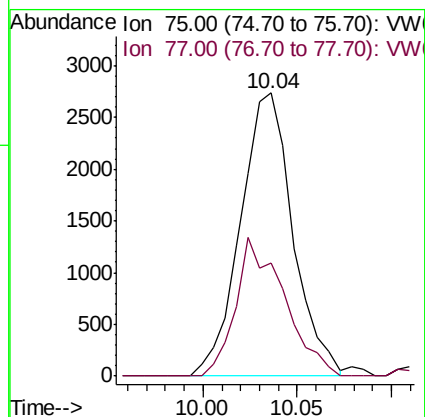
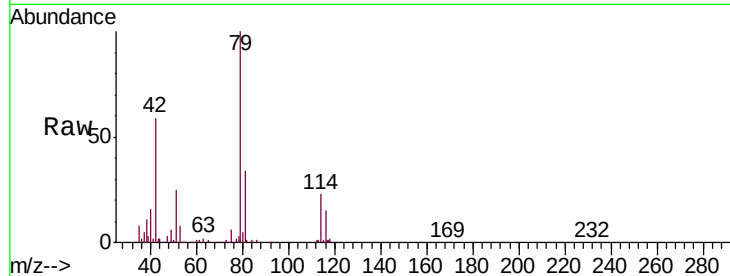
BF7X3

Tgt Ion: 75 Resp: 5283

Ion Ratio Lower Upper

75 100

77 40.2 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.528 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009542.D

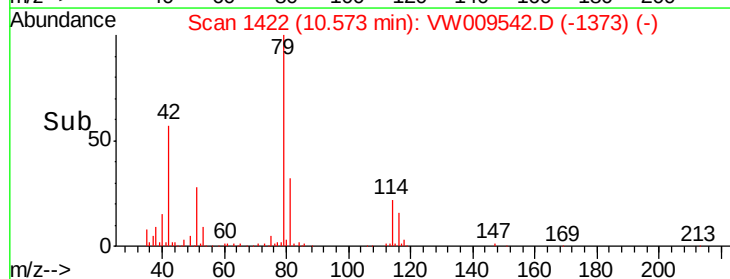
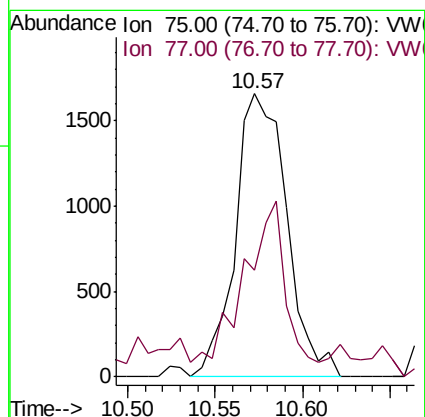
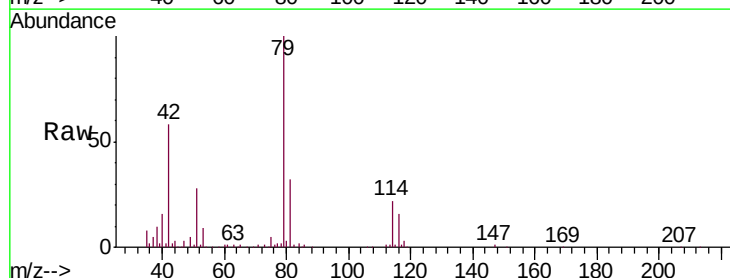
Acq: 28 Mar 2019 17:03

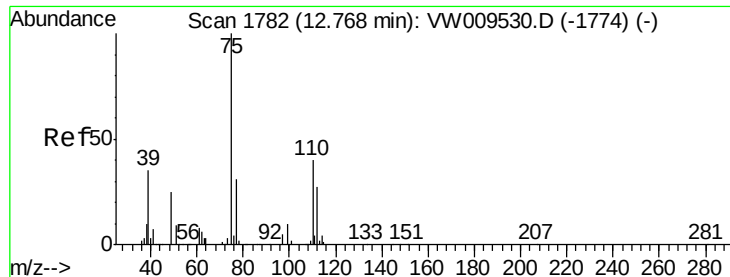
Tgt Ion: 75 Resp: 3394

Ion Ratio Lower Upper

75 100

77 37.6 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 4.471 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009542.D

Acq: 28 Mar 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

BF7X3

Tgt Ion: 75 Resp: 16194

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.2

