

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009952.D
 Acq On : 12 Apr 2019 11:54
 Operator : SY/VA
 Sample : K2255-14
 Misc : 4.83G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 12 23:59:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	290111	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	226060	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	53404	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	71333	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.16%
7) Chloroethane-d5	2.89	69	69735	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
10) 1,1-Dichloroethene-d2	4.01	63	131180	16.07	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.07	46	67201	54.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.04%
24) Chloroform-d	7.65	84	201815	25.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.96%
26) 1,2-Dichloroethane-d4	8.31	65	121279	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.80%
29) Benzene-d6	8.27	84	341889	28.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.24%
33) 1,2-Dichloropropane-d6	9.27	67	116896	31.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.56%#
37) Toluene-d8	10.32	98	247627	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.28%
38) trans-1,3-Dichloropropene-	10.58	79	33299	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.20%
39) 2-Hexanone-d5	10.93	63	36009	52.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87492	25.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	48243	25.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.96%

Target Compounds

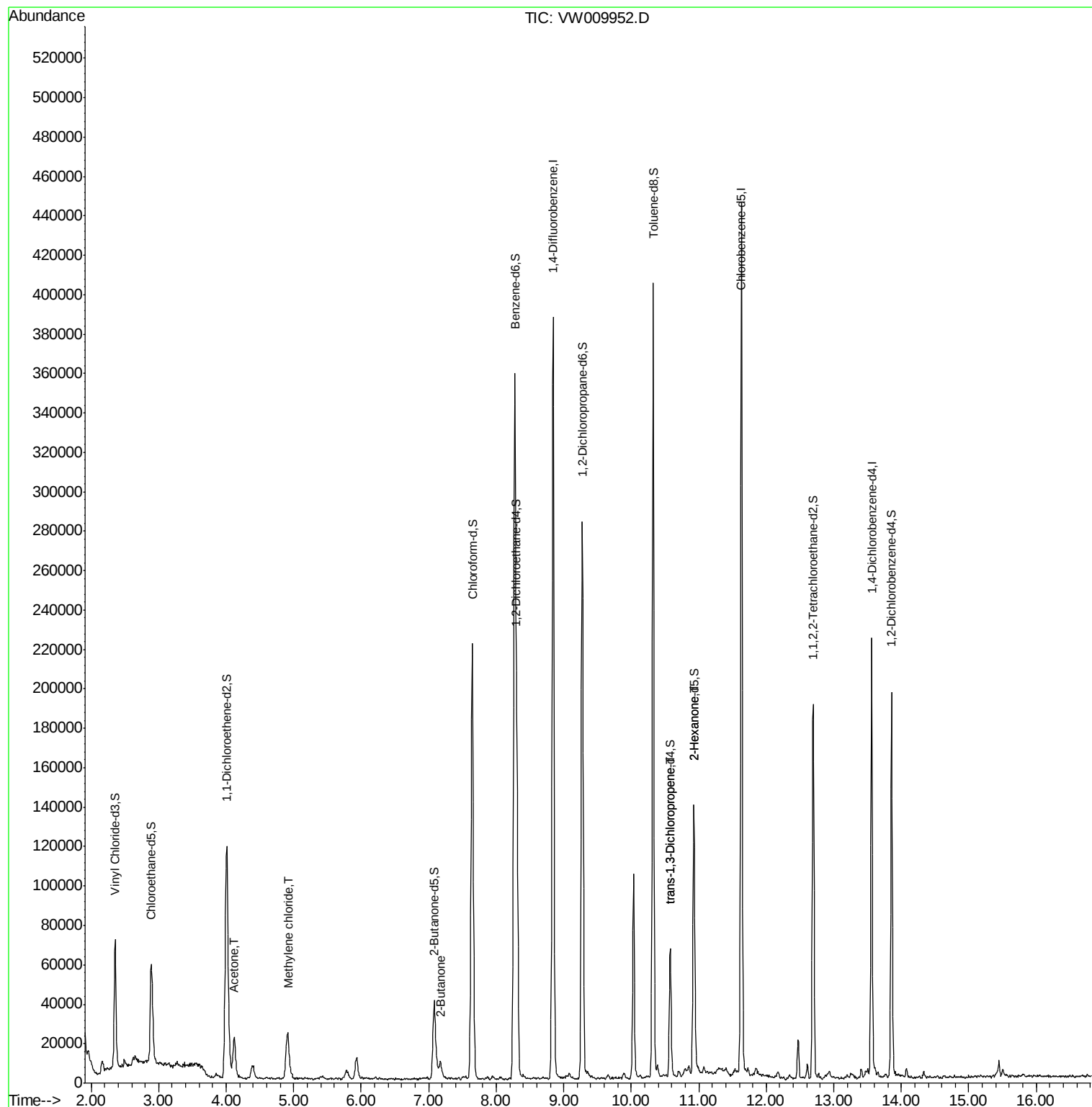
					Ovalue
13) Acetone	4.12	43	32148	24.342 ug/L	97
16) Methylene chloride	4.91	84	17132	3.348 ug/L	99
21) 2-Butanone	7.17	43	10787	6.422 ug/L	92
45) trans-1,3-Dichloropropene	10.57	75	2379	0.512 ug/L #	69
49) 2-Hexanone	10.93	43	6654	3.304 ug/L #	81

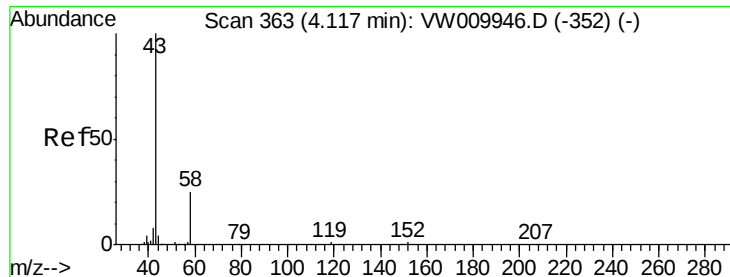
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.342 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009952.D

Acq: 12 Apr 2019 11:54

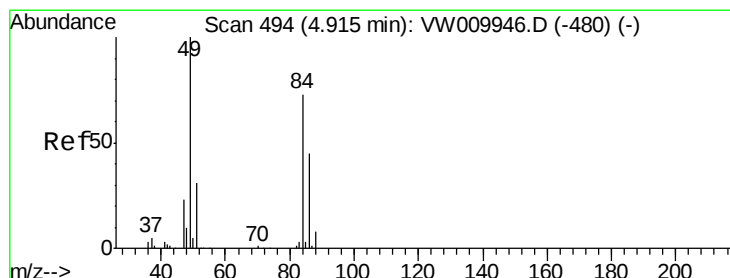
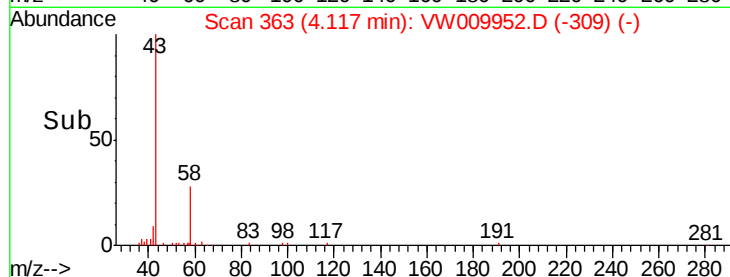
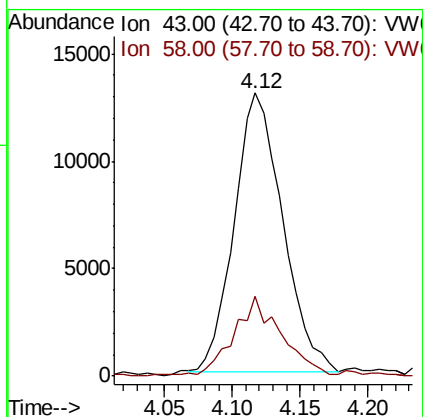
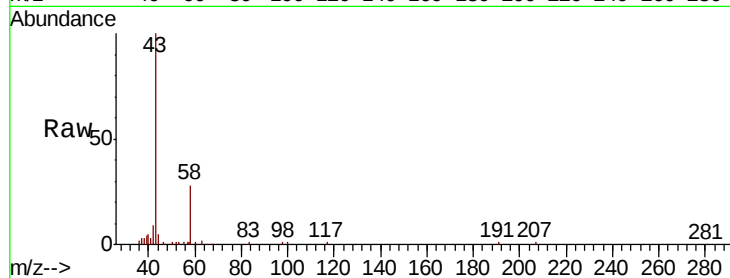
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 32148

Ion Ratio Lower Upper

43 100 0.0 53.0

58 28.1 0.0 53.0



#16

Methylene chloride

Concen: 3.348 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009952.D

Acq: 12 Apr 2019 11:54

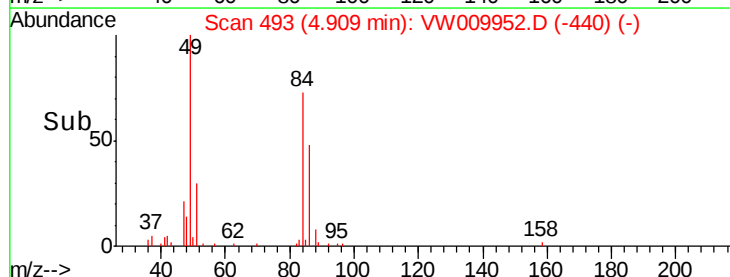
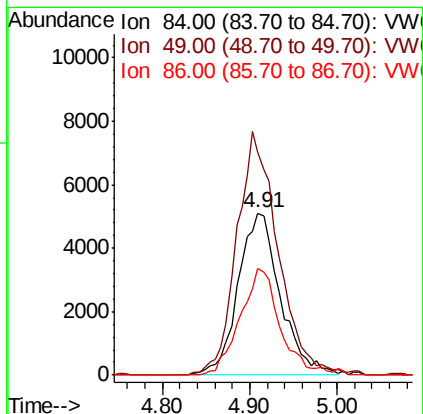
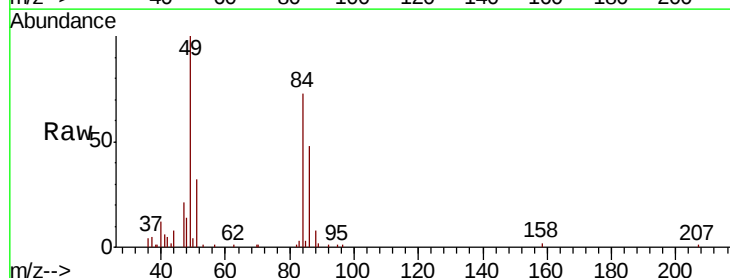
Tgt Ion: 84 Resp: 17132

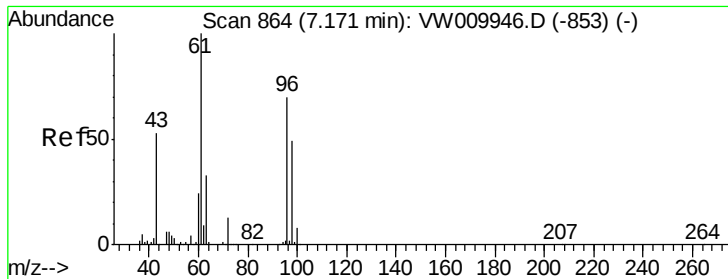
Ion Ratio Lower Upper

84 100 98.3 182.5

49 137.9 46.4 86.2

86 66.2 46.4 86.2





#21

2-Butanone

Concen: 6.422 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009952.D

Acq: 12 Apr 2019 11:54

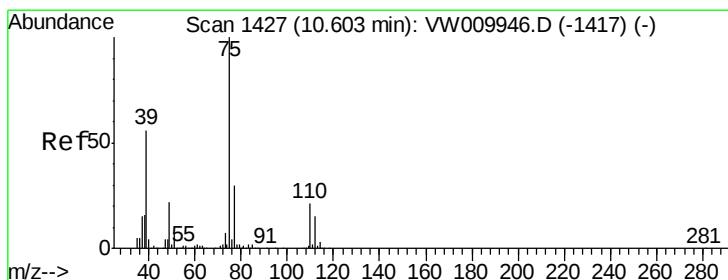
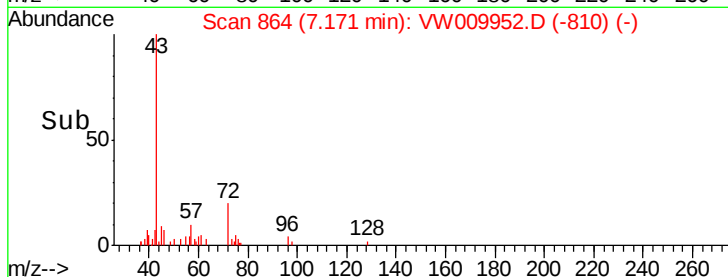
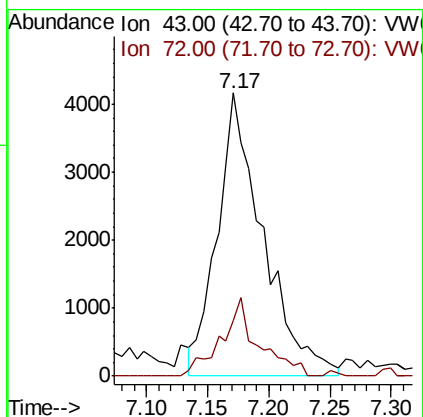
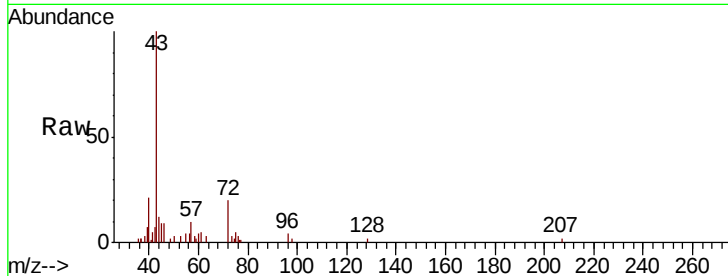
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 10787

Ion Ratio Lower Upper

43 100

72 20.3 12.0 36.1



#45

trans-1,3-Dichloropropene

Concen: 0.512 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009952.D

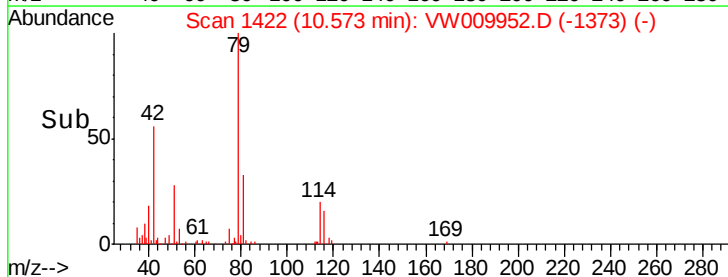
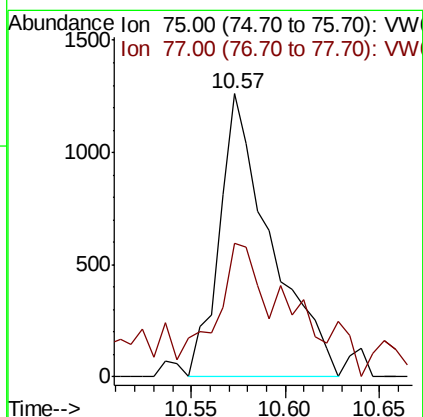
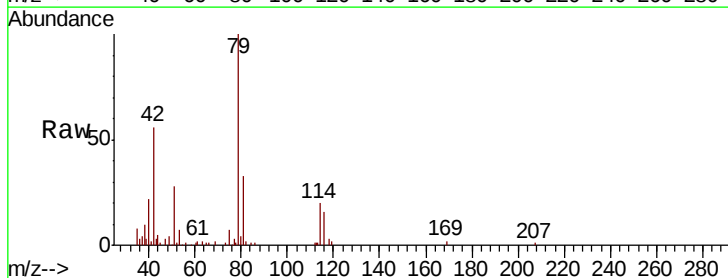
Acq: 12 Apr 2019 11:54

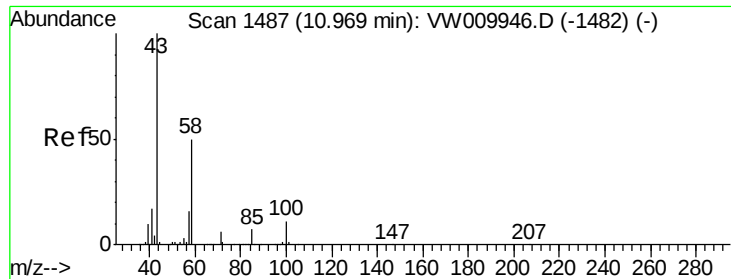
Tgt Ion: 75 Resp: 2379

Ion Ratio Lower Upper

75 100

77 47.2 21.1 39.3#





#49

2-Hexanone

Concen: 3.304 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009952.D

Acq: 12 Apr 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6654

Ion Ratio Lower Upper

43 100

58 42.6 38.9 58.3

57 37.8 13.8 20.6#

100 4.0 8.6 13.0#

