

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120219\
 Data File : VW014202.D
 Acq On : 02 Dec 2019 14:35
 Operator : SY/VA
 Sample : K6089-12RE
 Misc : 4.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 02 16:04:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 16:00:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	209551	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	164223	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	46389	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	51756	15.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.92%
7) Chloroethane-d5	2.89	69	58059	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.68%
10) 1,1-Dichloroethene-d2	4.02	63	91422	13.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.28%
20) 2-Butanone-d5	7.07	46	73453	75.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.24%#
24) Chloroform-d	7.65	84	176971	27.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.88%
26) 1,2-Dichloroethane-d4	8.31	65	99634	30.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.04%
29) Benzene-d6	8.27	84	337123	28.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.72%
33) 1,2-Dichloropropane-d6	9.27	67	119193	34.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.68%#
37) Toluene-d8	10.32	98	267764	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.92%
38) trans-1,3-Dichloropropene-	10.58	79	33081	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.52%
39) 2-Hexanone-d5	10.92	63	51604	79.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.46%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103047	39.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	159.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	58279	31.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.08%#

Target Compounds

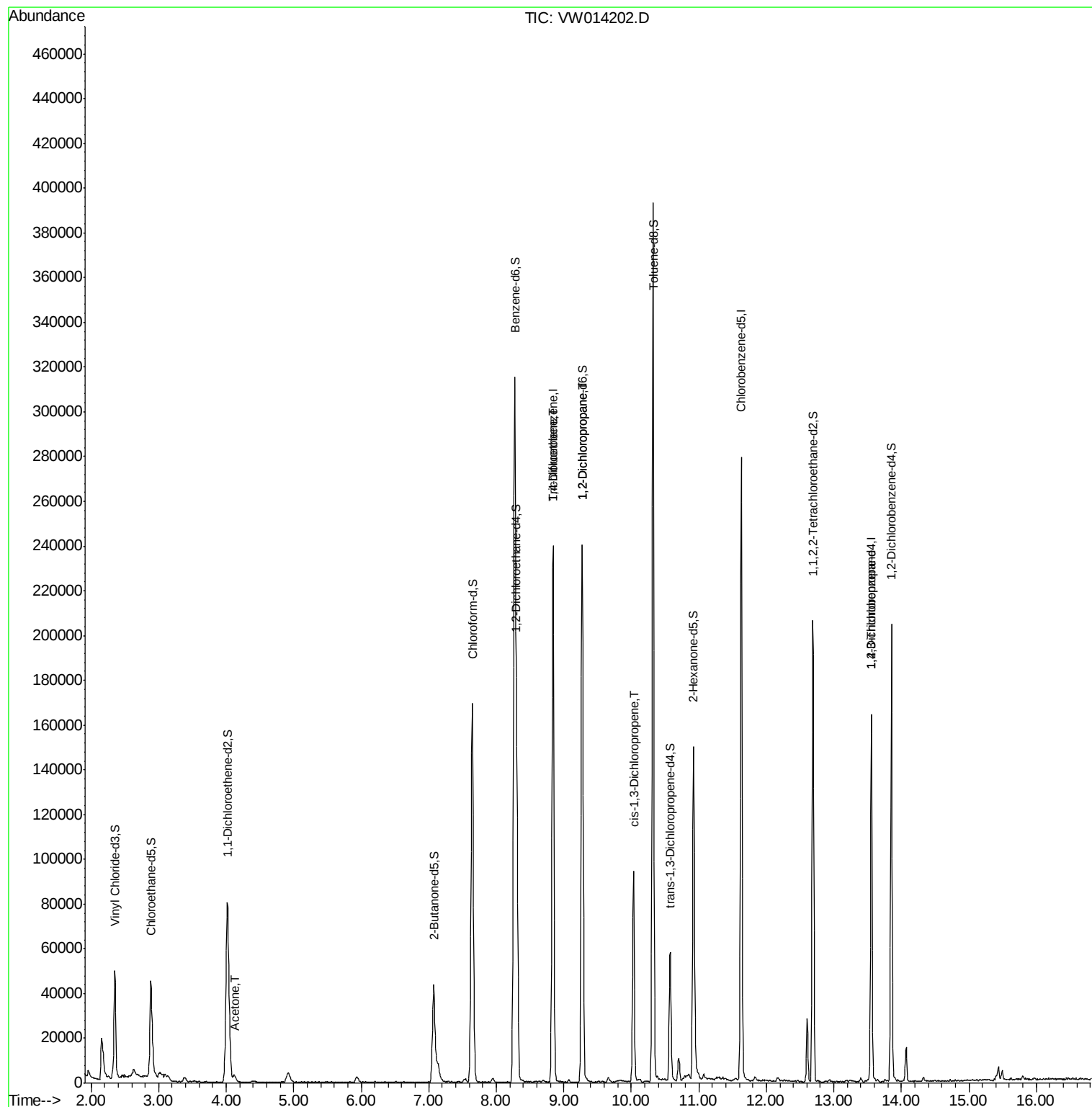
					Ovalue
13) Acetone	4.13	43	5586	5.652 ug/L	96
35) Trichloroethene	8.84	95	5886	1.832 ug/L #	3
40) 1,2-Dichloropropane	9.27	63	12372	4.267 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2444	0.534 ug/L	86
59) 1,2,3-Trichloropropane	13.55	75	5004	2.675 ug/L	94

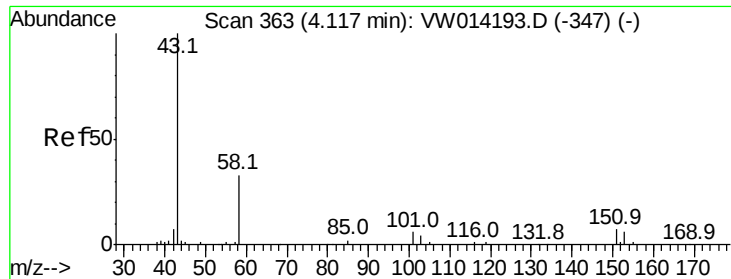
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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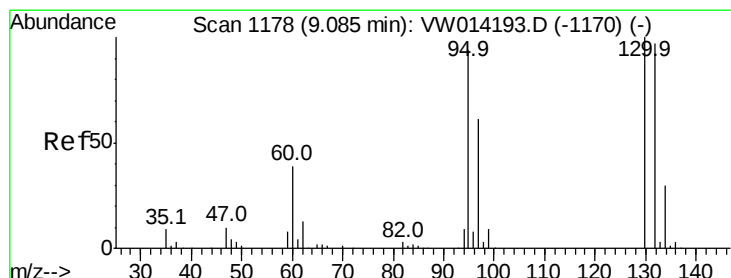
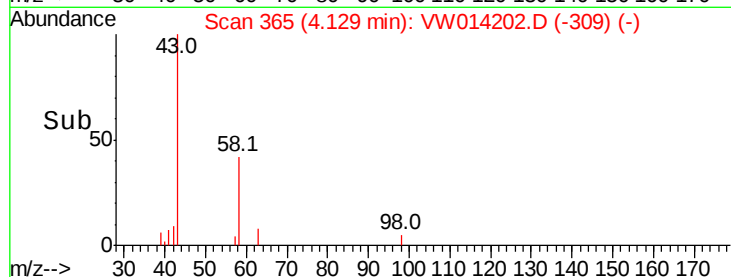
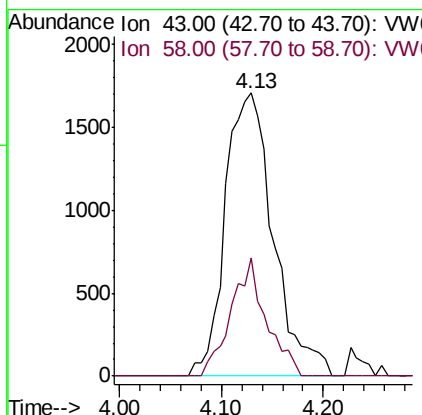
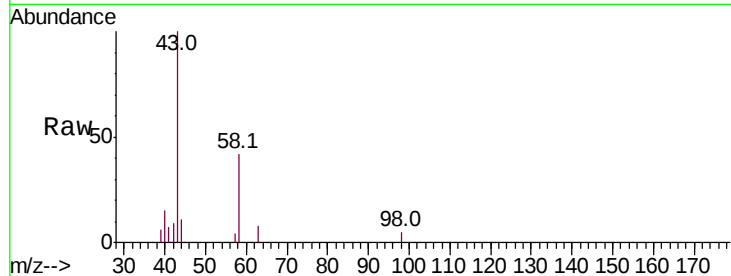




#13
Acetone
Concen: 5.652 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW014202.D
Acq: 02 Dec 2019 14:35

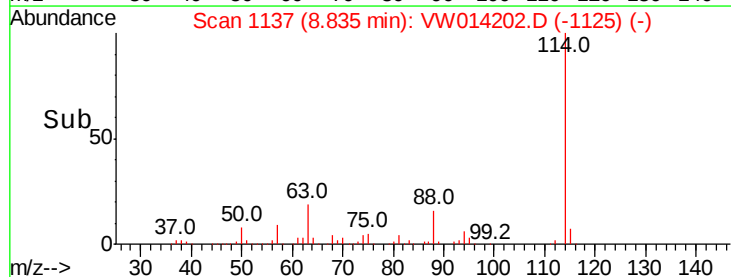
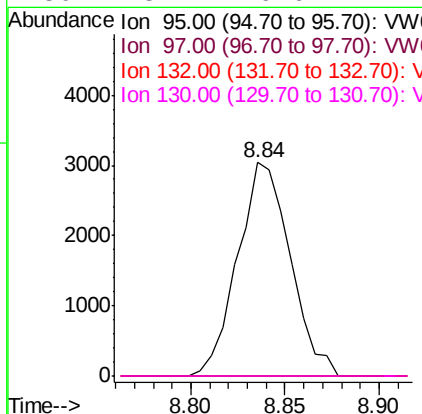
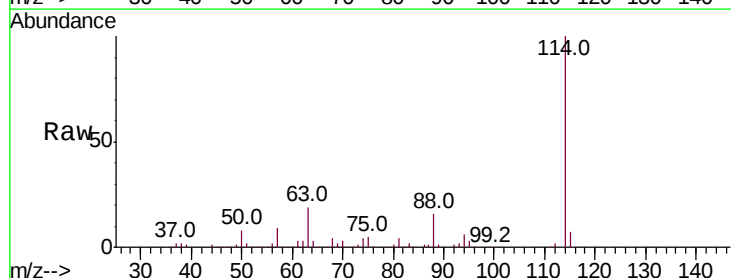
Instrument :
MSVOA_W
ClientSampleId :

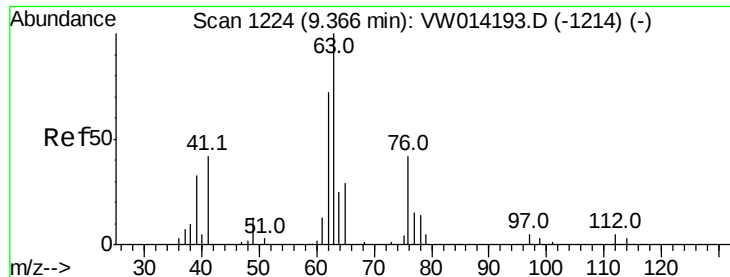
Tot Ion: 43 Resp: 5586
Ion Ratio Lower Upper
43 100
58 30.4 0.0 65.4



#35
Trichloroethene
Concen: 1.832 ug/L
RT: 8.84 min Scan# 1137
Delta R.T. -0.26 min
Lab File: VW014202.D
Acq: 02 Dec 2019 14:35

Tgt Ion: 95 Resp: 5886
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.9#
132 0.0 73.7 136.9#
130 3.1 76.6 142.2#





#40

1,2-Dichloropropane

Concen: 4.267 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW014202.D

Acq: 02 Dec 2019 14:35

Instrument :

MSVOA_W

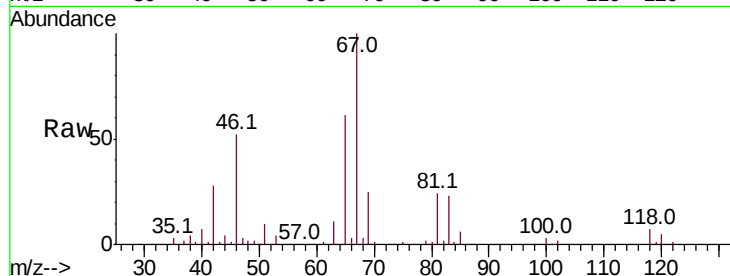
ClientSampled :

Tot Ion: 63 Resp: 12372

Ion Ratio Lower Upper

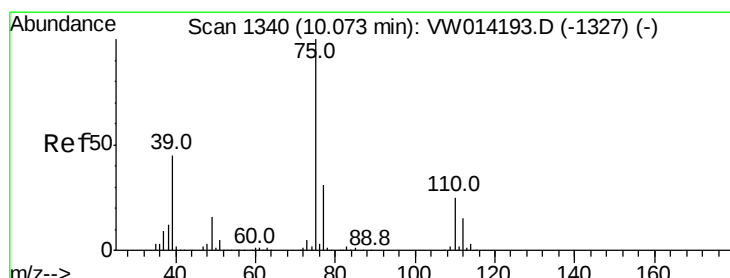
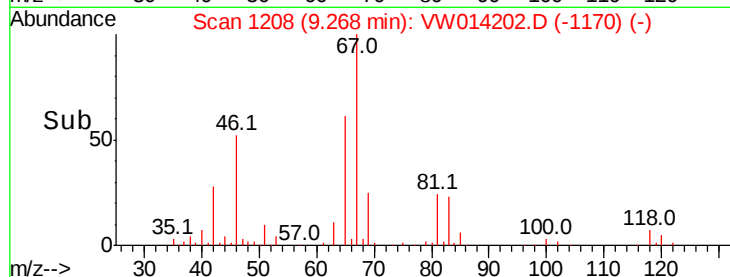
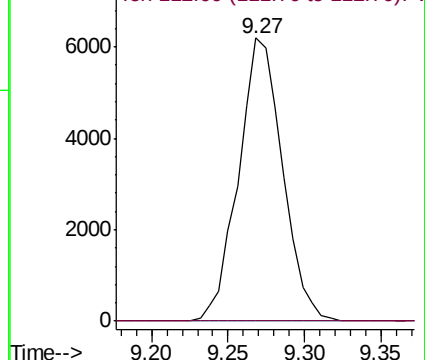
63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.534 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014202.D

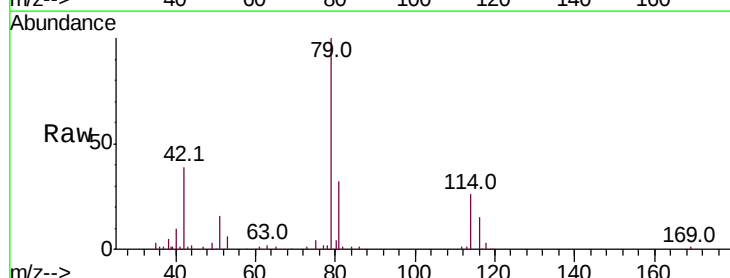
Acq: 02 Dec 2019 14:35

Tgt Ion: 75 Resp: 2444

Ion Ratio Lower Upper

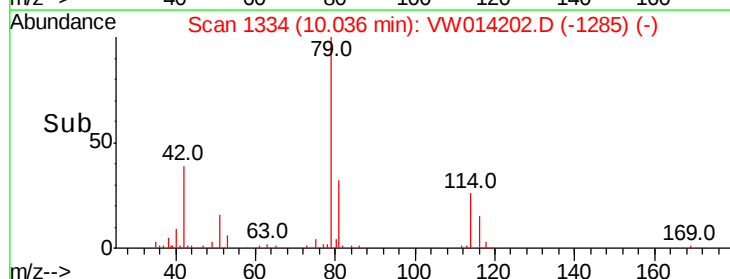
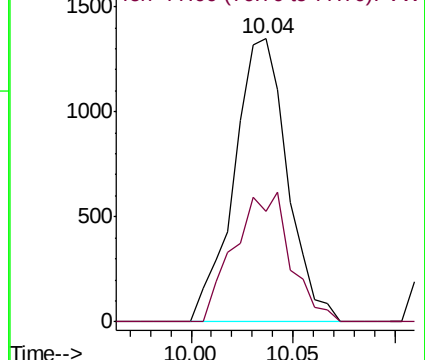
75 100

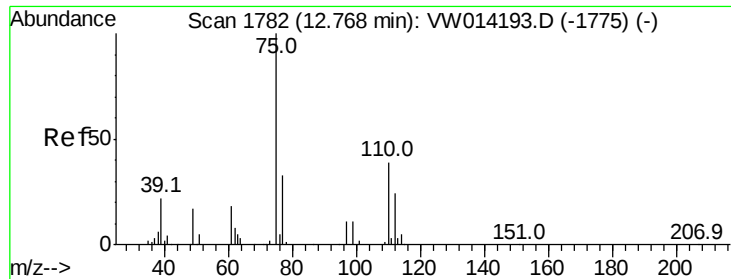
77 39.1 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 2.675 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014202.D

Acq: 02 Dec 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 5004

Ion Ratio Lower Upper

75 100

77 35.7 25.9 38.9

