

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014182.D
 Acq On : 29 Nov 2019 15:33
 Operator : SY/VA
 Sample : K6089-12
 Misc : 4.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 30 04:14:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 30 04:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	199840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	147512	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	37342	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	45998	14.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.72%
7) Chloroethane-d5	2.88	69	50367	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.96%
10) 1,1-Dichloroethene-d2	4.01	63	77251	11.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.24%
20) 2-Butanone-d5	7.07	46	57755	62.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.70%
24) Chloroform-d	7.65	84	150545	24.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	8.30	65	81884	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	8.27	84	282351	26.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.92%
33) 1,2-Dichloropropane-d6	9.27	67	98740	32.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.84%#
37) Toluene-d8	10.32	98	215249	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.76%
38) trans-1,3-Dichloropropene-	10.57	79	24638	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.04%
39) 2-Hexanone-d5	10.92	63	40419	69.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83921	36.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	40760	27.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.68%

Target Compounds

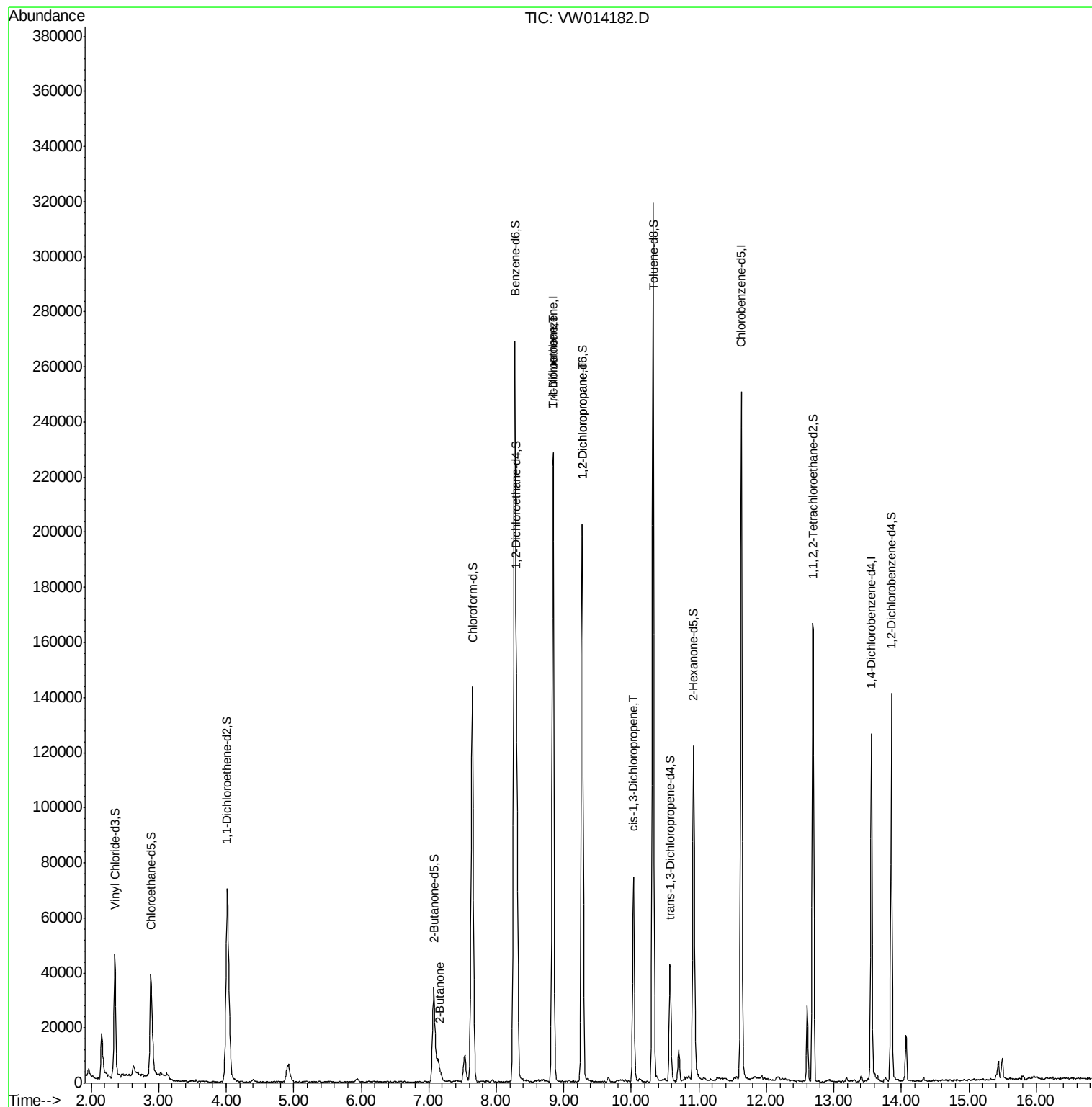
					Ovalue
21) 2-Butanone	7.16	43	4255	3.514 ug/L	81
35) Trichloroethene	8.84	95	5770	1.999 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	10302	3.955 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	1757	0.427 ug/L	96

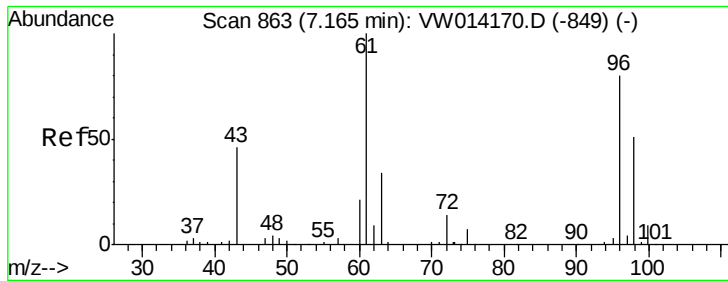
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 3.514 ug/L

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014182.D

Acq: 29 Nov 2019 15:33

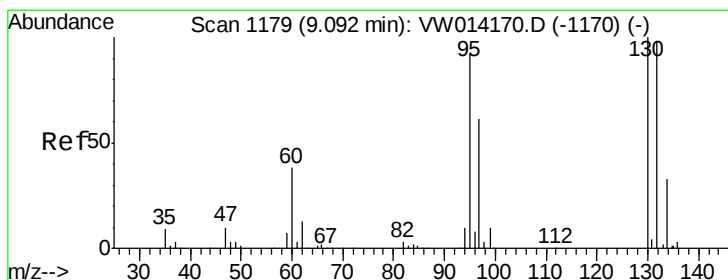
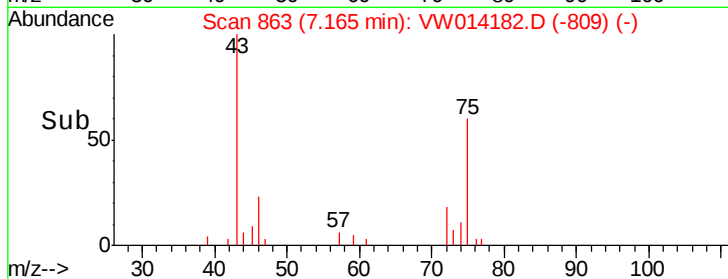
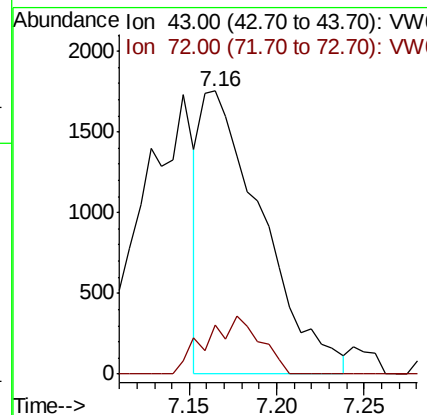
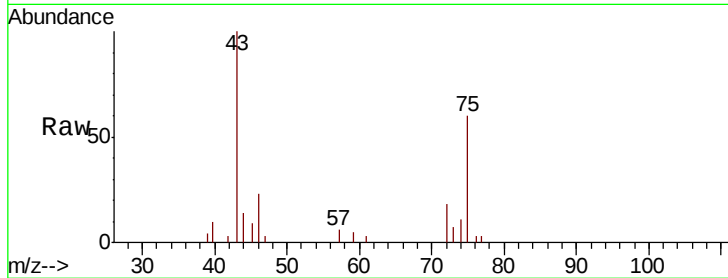
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 4255

Ion Ratio Lower Upper

43 100

72 18.1 14.1 42.2



#35

Trichloroethene

Concen: 1.999 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW014182.D

Acq: 29 Nov 2019 15:33

Tgt Ion: 95 Resp: 5770

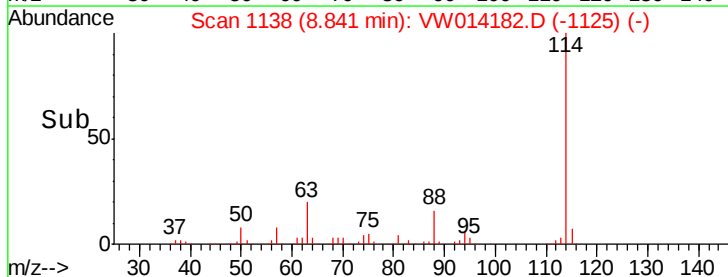
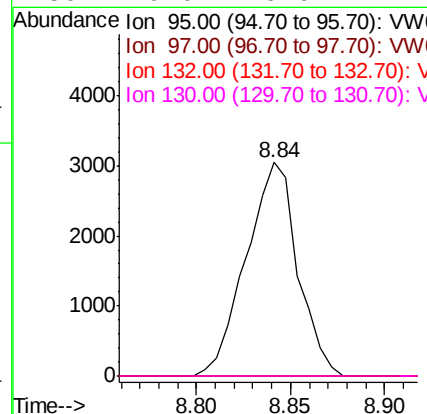
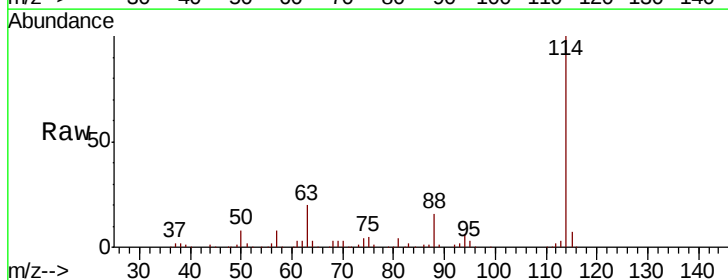
Ion Ratio Lower Upper

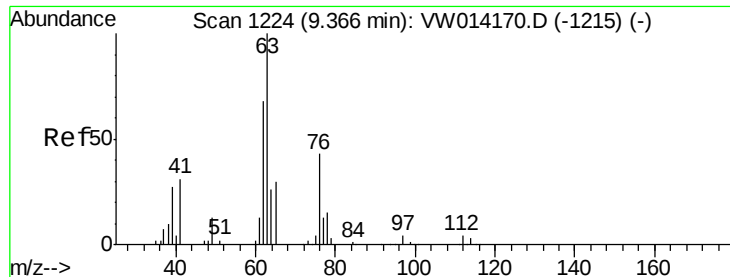
95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

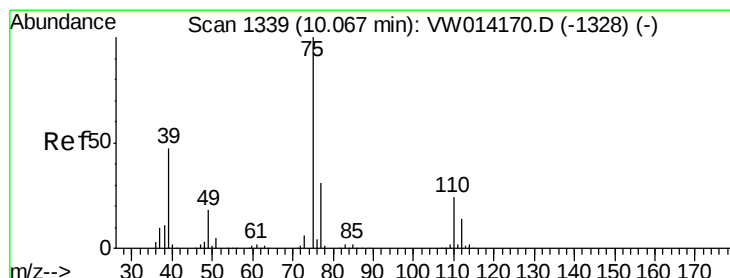
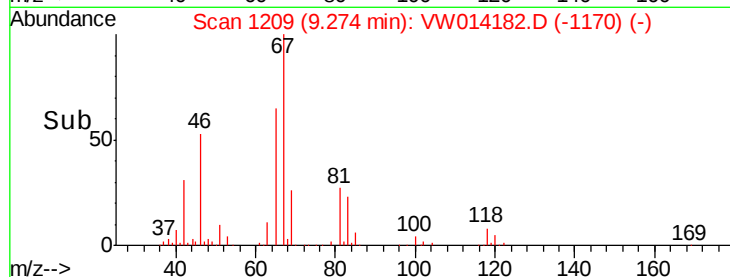
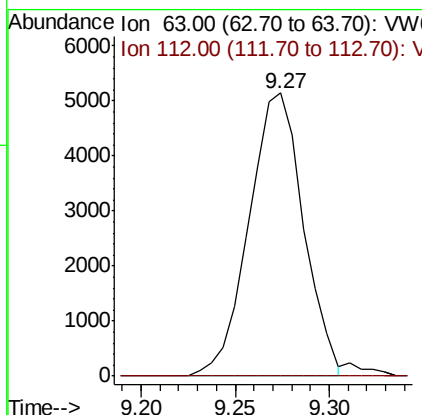
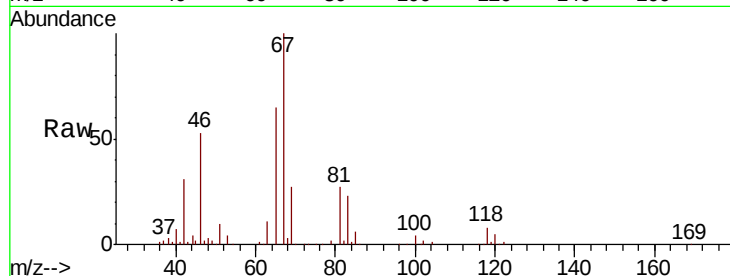




#40
 1,2-Dichloropropane
 Concen: 3.955 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
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Instrument :
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Tot Ion: 63 Resp: 10302
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.427 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: VW014182.D
 Acq: 29 Nov 2019 15:33

Tgt Ion: 75 Resp: 1757
 Ion Ratio Lower Upper
 75 100
 77 33.9 22.1 41.1

