

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014179.D
 Acq On : 29 Nov 2019 14:14
 Operator : SY/VA
 Sample : K6089-08
 Misc : 6.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 30 04:13:43 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	304880	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	150889	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75008	15.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.68%
7) Chloroethane-d5	2.89	69	78224	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.36%
10) 1,1-Dichloroethene-d2	4.01	63	137525	13.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.12%
20) 2-Butanone-d5	7.07	46	95093	67.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.58%
24) Chloroform-d	7.65	84	239379	25.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.16%
26) 1,2-Dichloroethane-d4	8.31	65	133093	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.96%
29) Benzene-d6	8.27	84	469988	22.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.08%
33) 1,2-Dichloropropane-d6	9.27	67	154416	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.80%
37) Toluene-d8	10.32	98	425914	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.16%
38) trans-1,3-Dichloropropene-	10.57	79	60952	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.04%
39) 2-Hexanone-d5	10.92	63	71426	60.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143905	30.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	156063	25.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.96%

Target Compounds

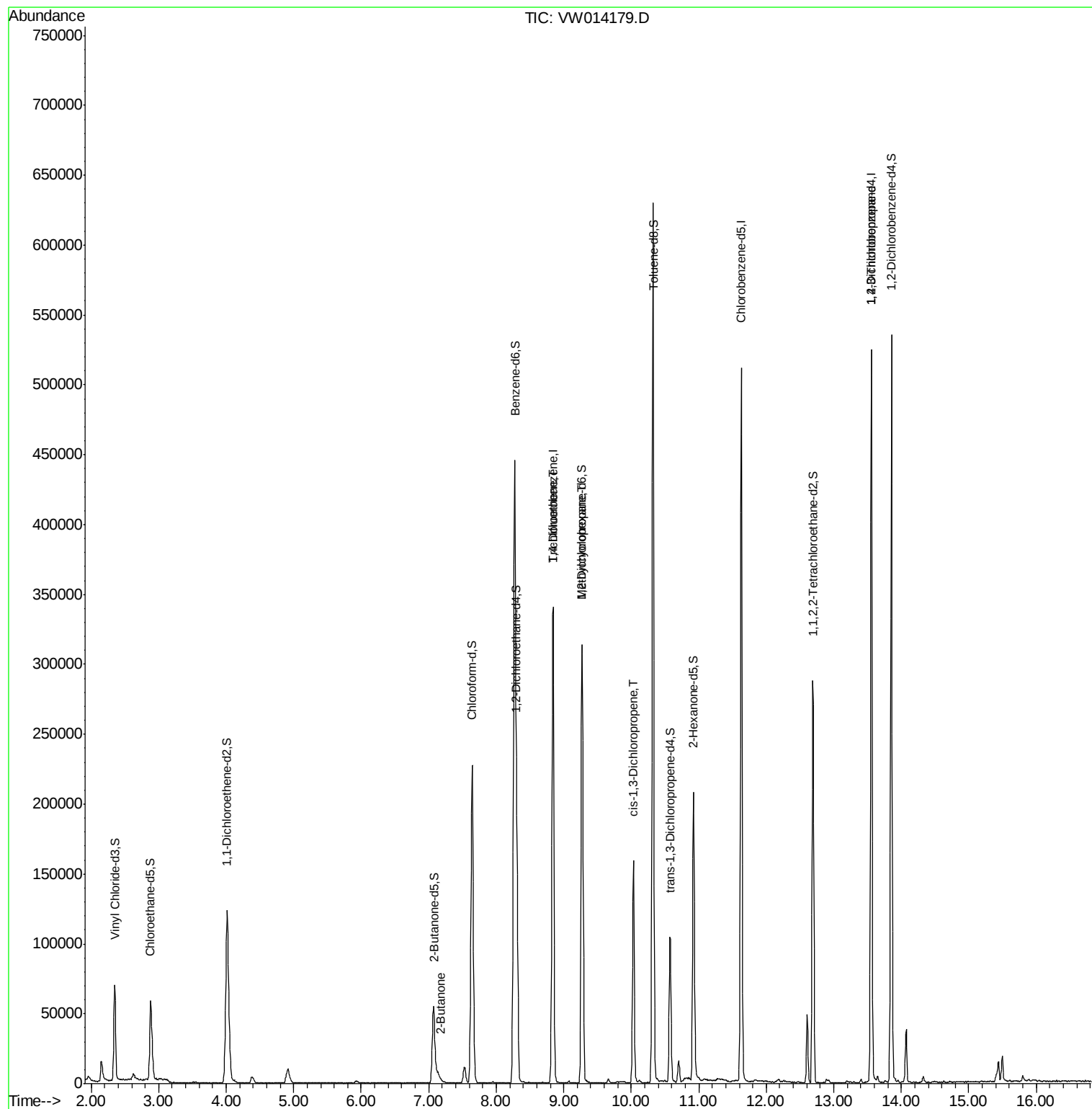
					Ovalue
21) 2-Butanone	7.18	43	4284	2.319 ug/L #	52
35) Trichloroethene	8.84	95	8953	1.521 ug/L #	2
36) Methylcyclohexane	9.27	83	37895	3.591 ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	3562	0.425 ug/L	93
59) 1,2,3-Trichloropropane	13.55	75	16159	4.715 ug/L	91

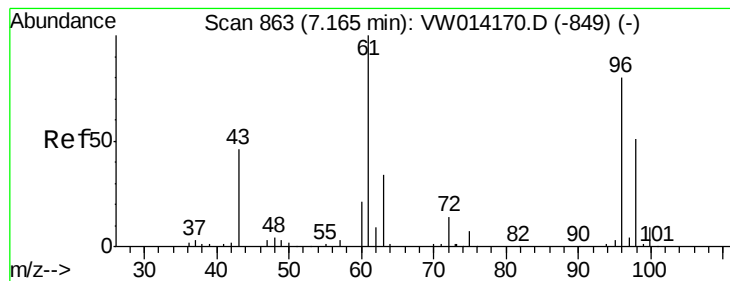
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#21

2-Butanone

Concen: 2.319 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW014179.D

Acq: 29 Nov 2019 14:14

Instrument :

MSVOA_W

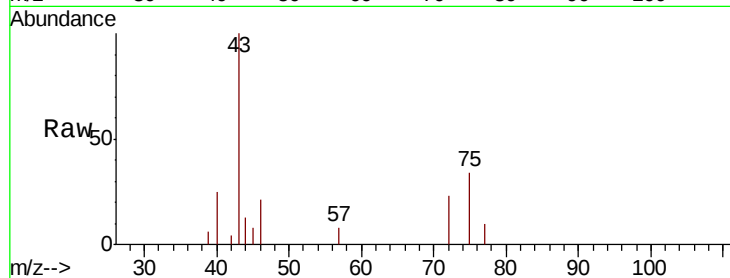
ClientSampled :

Tot Ion: 43 Resp: 4284

Ion Ratio Lower Upper

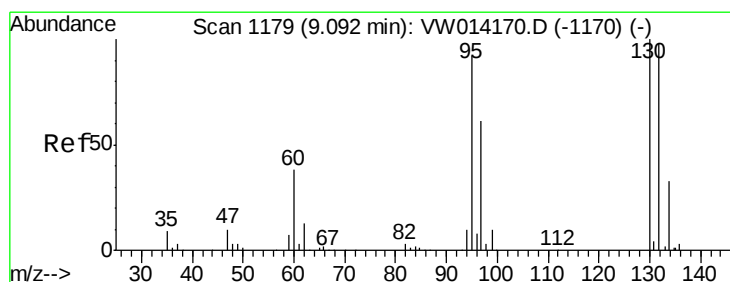
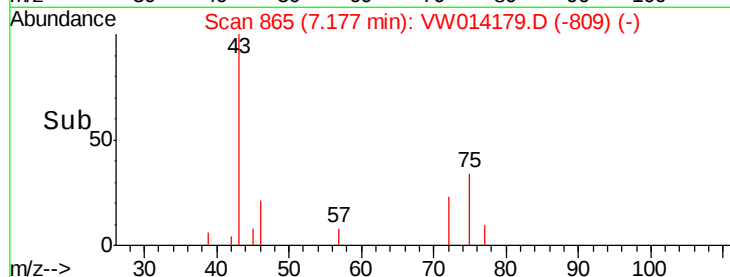
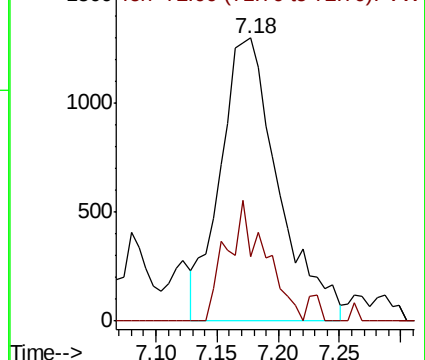
43 100

72 3.0 14.1 42.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 1.521 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW014179.D

Acq: 29 Nov 2019 14:14

Tgt Ion: 95 Resp: 8953

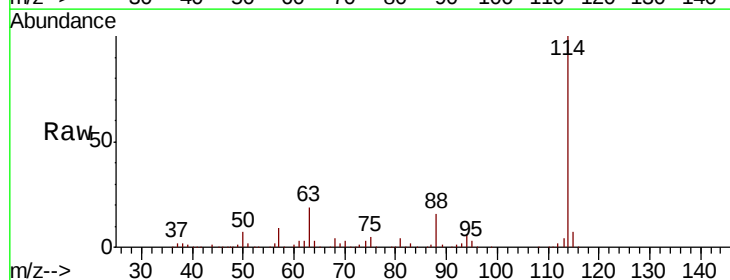
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

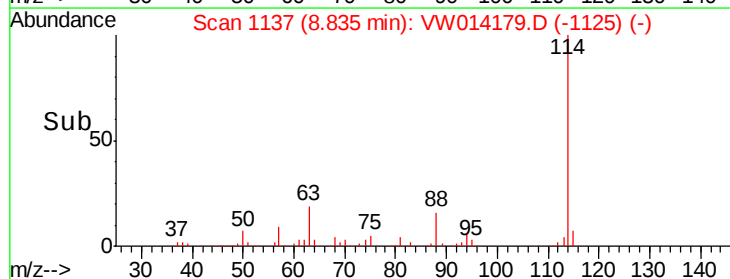
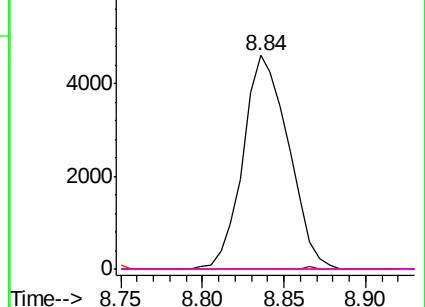


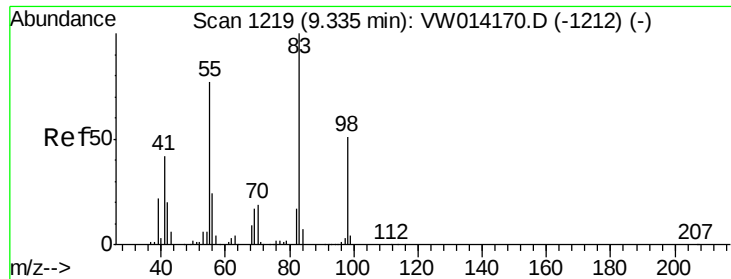
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

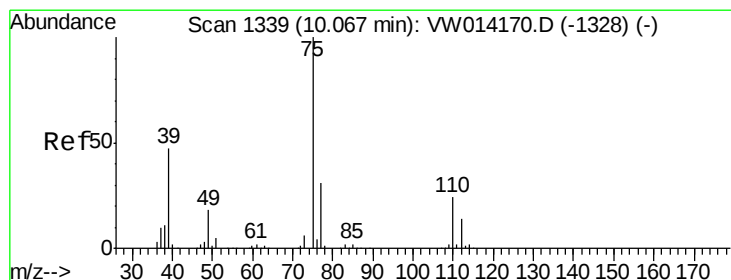
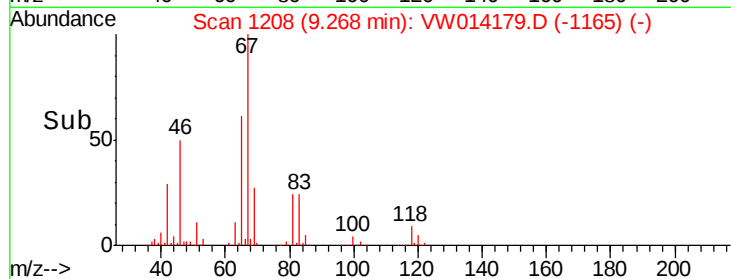
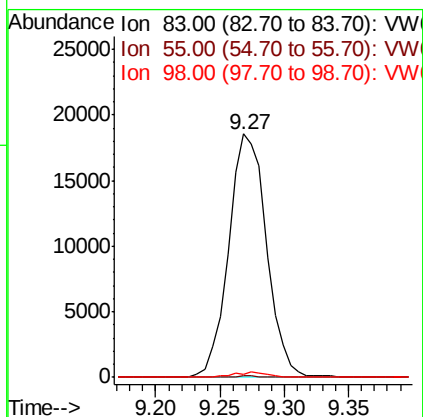
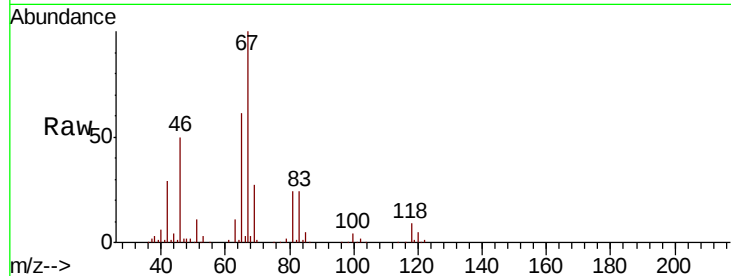




#36
Methylcyclohexane
Concen: 3.591 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.07 min
Lab File: VW014179.D
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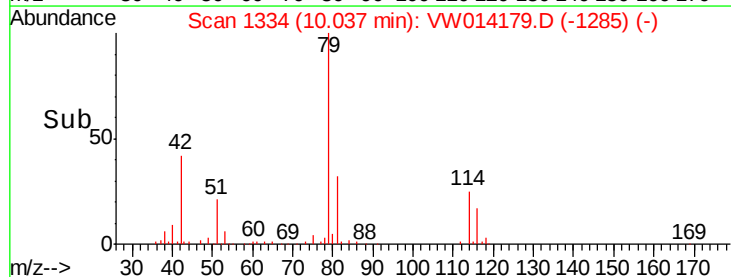
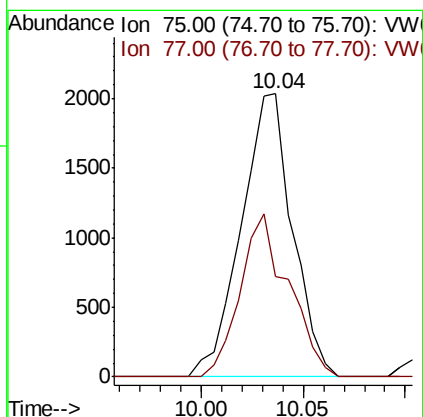
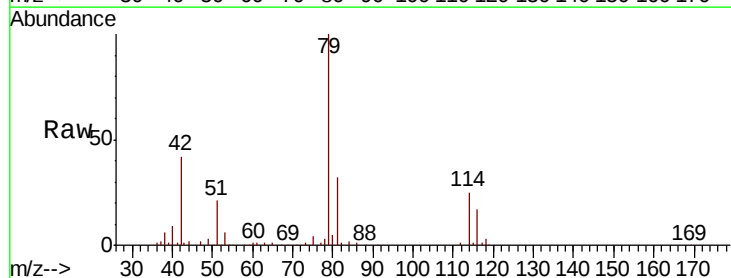
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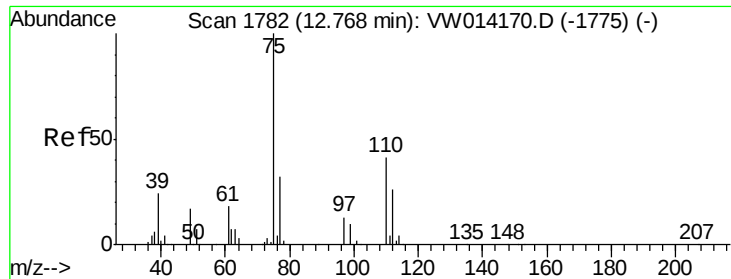
Tot Ion: 83 Resp: 37895
Ion Ratio Lower Upper
83 100
55 0.5 59.8 89.8#
98 1.8 39.5 59.3#



#42
cis-1,3-Dichloropropene
Concen: 0.425 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VW014179.D
Acq: 29 Nov 2019 14:14

Tgt Ion: 75 Resp: 3562
Ion Ratio Lower Upper
75 100
77 35.3 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 4.715 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014179.D

Acq: 29 Nov 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 16159

Ion Ratio Lower Upper

75 100

77 37.2 25.9 38.9

