

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014323.D
 Acq On : 12 Dec 2019 13:53
 Operator : SY/VA
 Sample : K6238-01RE
 Misc : 4.13G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFPZ6RE

Quant Time: Dec 13 06:10:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1096157	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	762588	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171468	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	367472	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
7) Chloroethane-d5	2.89	69	306668	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
10) 1,1-Dichloroethene-d2	4.01	63	536399	18.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.20%
20) 2-Butanone-d5	7.07	46	92696	21.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.86%
24) Chloroform-d	7.65	84	657462	23.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.24%
26) 1,2-Dichloroethane-d4	8.31	65	318970	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.20%
29) Benzene-d6	8.27	84	1366426	30.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.28%
33) 1,2-Dichloropropane-d6	9.27	67	409724	29.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.20%
37) Toluene-d8	10.32	98	1089359	26.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.84%
38) trans-1,3-Dichloropropene-	10.57	79	119427	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.80%
39) 2-Hexanone-d5	10.93	63	73490	26.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	182664	16.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	140560	21.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.80%

Target Compounds

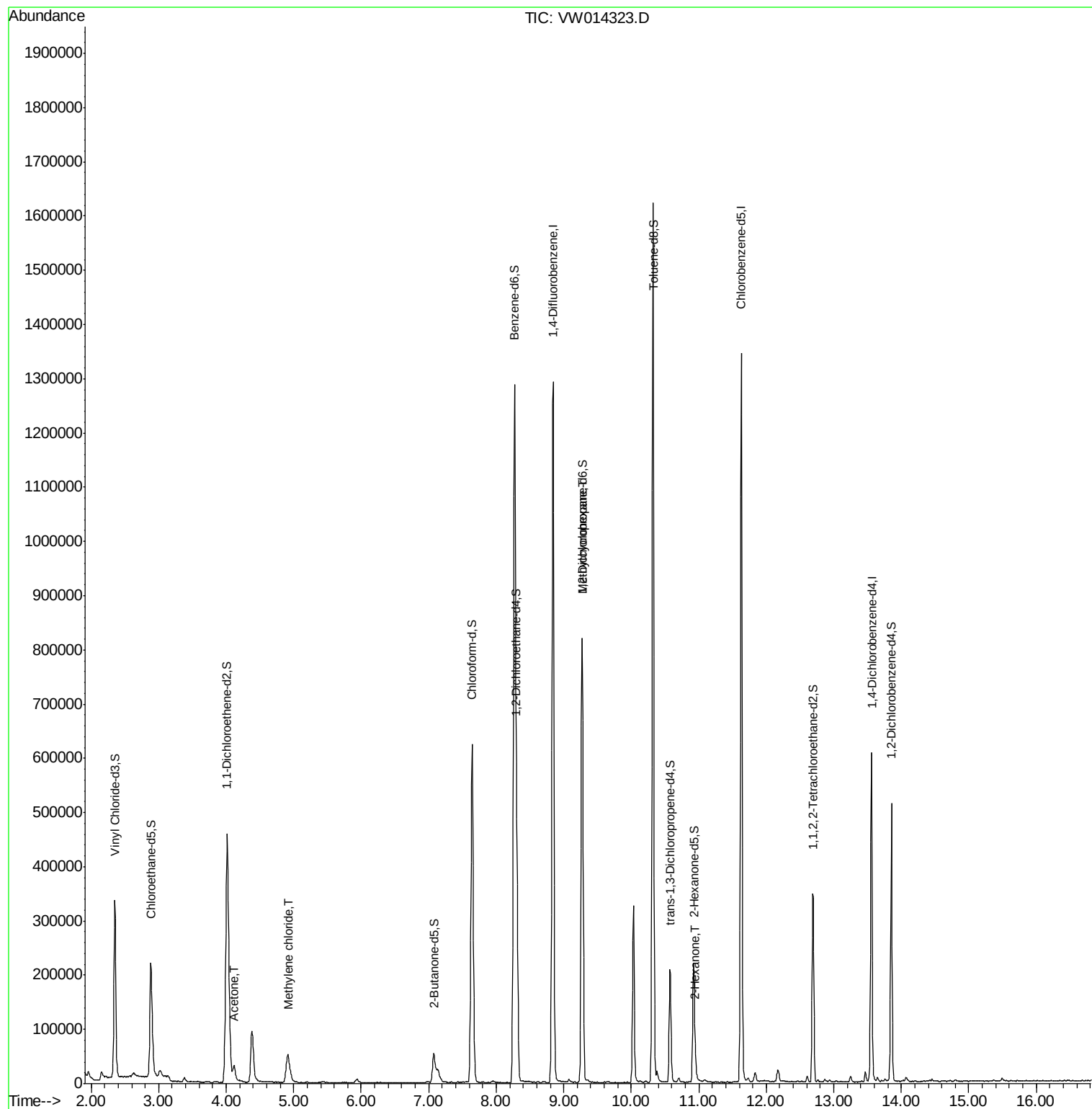
					Ovalue
13) Acetone	4.12	43	49920	11.970 ug/L	75
16) Methylene chloride	4.92	84	46704	2.779 ug/L	93
36) Methylcyclohexane	9.27	83	96109	4.630 ug/L #	19
49) 2-Hexanone	10.95	43	15116	2.596 ug/L #	44

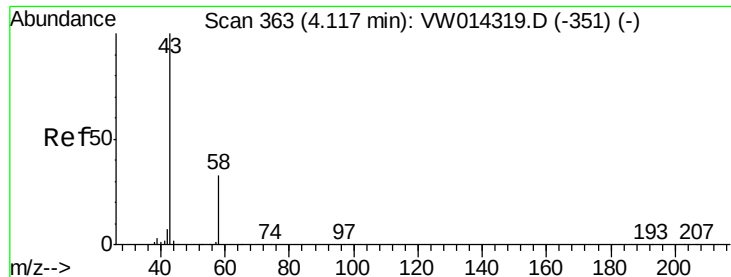
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.970 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014323.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

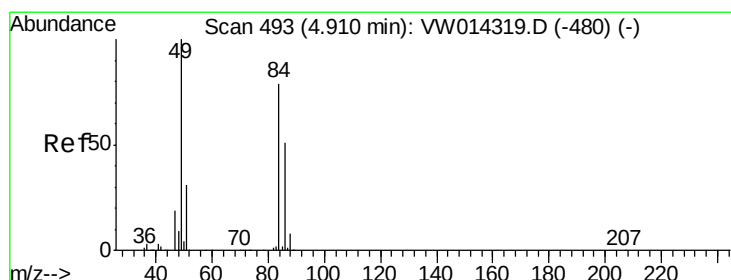
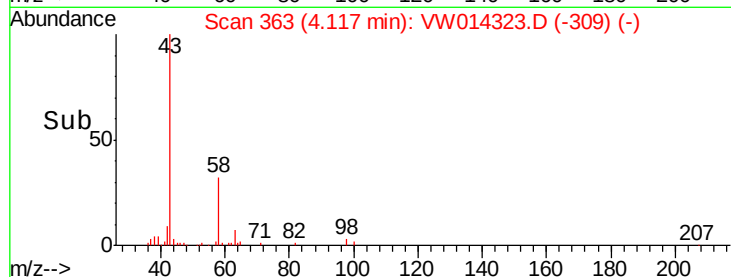
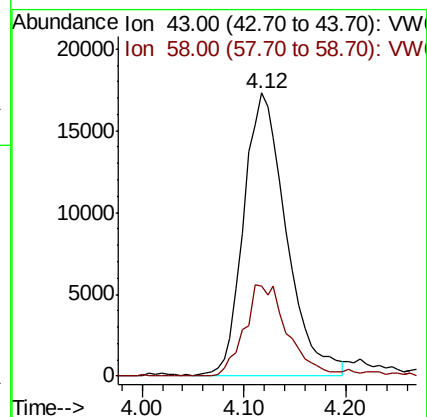
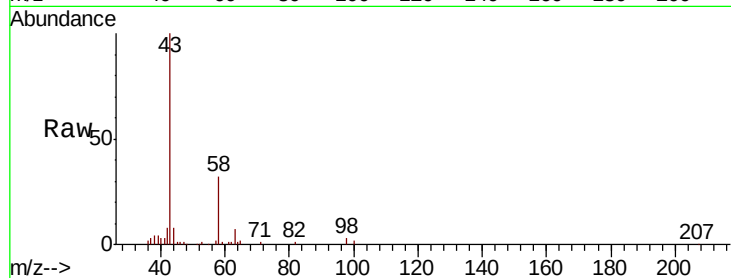
BFPZ6RE

Tot Ion: 43 Resp: 49920

Ion Ratio Lower Upper

43 100

58 18.4 0.0 65.4



#16

Methylene chloride

Concen: 2.779 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014323.D

Acq: 12 Dec 2019 13:53

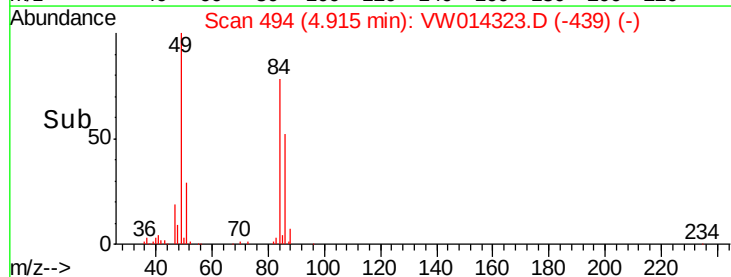
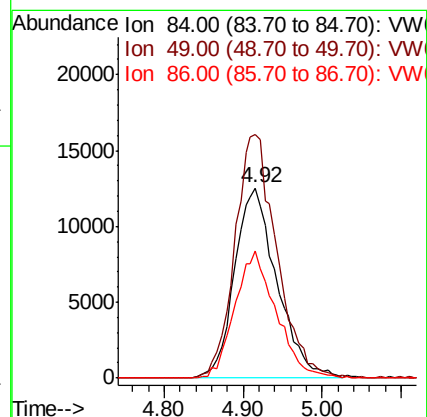
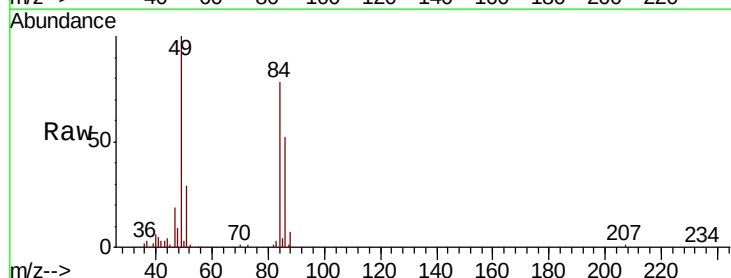
Tgt Ion: 84 Resp: 46704

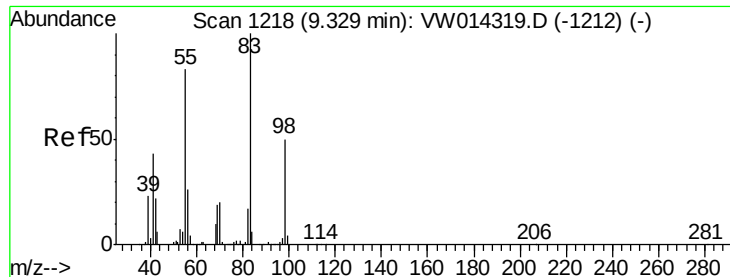
Ion Ratio Lower Upper

84 100

49 128.0 84.2 156.4

86 66.8 43.7 81.1

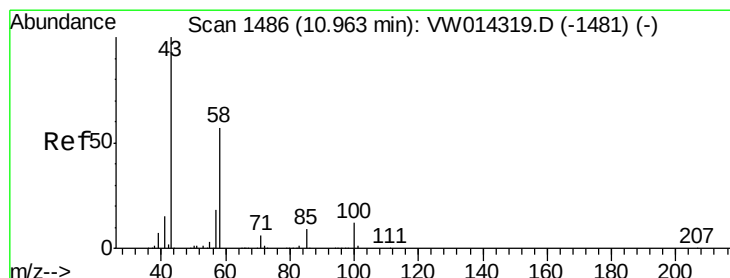
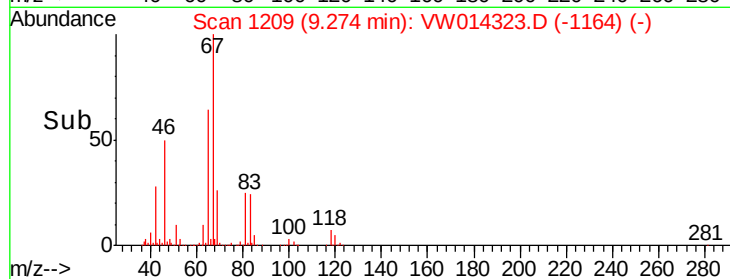
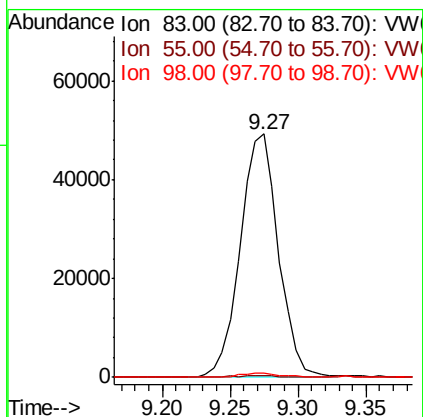
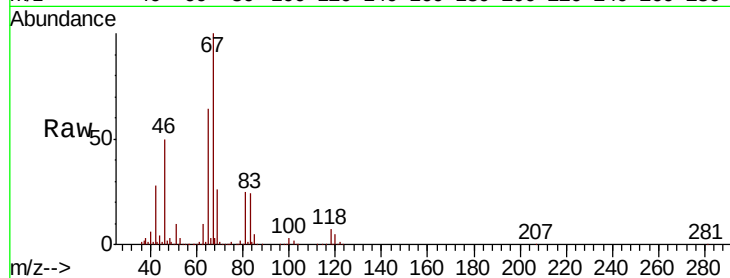




#36
Methylcyclohexane
Concen: 4.630 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
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Tot Ion: 83 Resp: 96109
Ion Ratio Lower Upper
83 100
55 0.5 59.8 89.8#
98 1.3 39.5 59.3#



#49
2-Hexanone
Concen: 2.596 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.01 min
Lab File: VW014323.D
Acq: 12 Dec 2019 13:53

Tgt Ion: 43 Resp: 15116
Ion Ratio Lower Upper
43 100
58 6.6 44.4 66.6#
57 0.0 16.5 24.7#
100 3.6 11.1 16.7#

