

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
 Data File : VW011812.D
 Acq On : 09 Aug 2019 14:47
 Operator : SY/VA
 Sample : K4215-17
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOD0

Quant Time: Aug 10 03:47:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:43:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	310754	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236381	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69689	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	79707	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.88%
7) Chloroethane-d5	2.89	69	65528	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
10) 1,1-Dichloroethene-d2	4.02	63	144280	14.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.52%
20) 2-Butanone-d5	7.07	46	75332	38.23	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.46%
24) Chloroform-d	7.65	84	184724	21.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	8.31	65	117612	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.16%
29) Benzene-d6	8.27	84	357281	24.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.16%
33) 1,2-Dichloropropane-d6	9.27	67	123362	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.84%
37) Toluene-d8	10.32	98	281852	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.44%
38) trans-1,3-Dichloropropene-	10.58	79	44346	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.36%
39) 2-Hexanone-d5	10.93	63	47779	42.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87472	21.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	59964	22.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.32%

Target Compounds

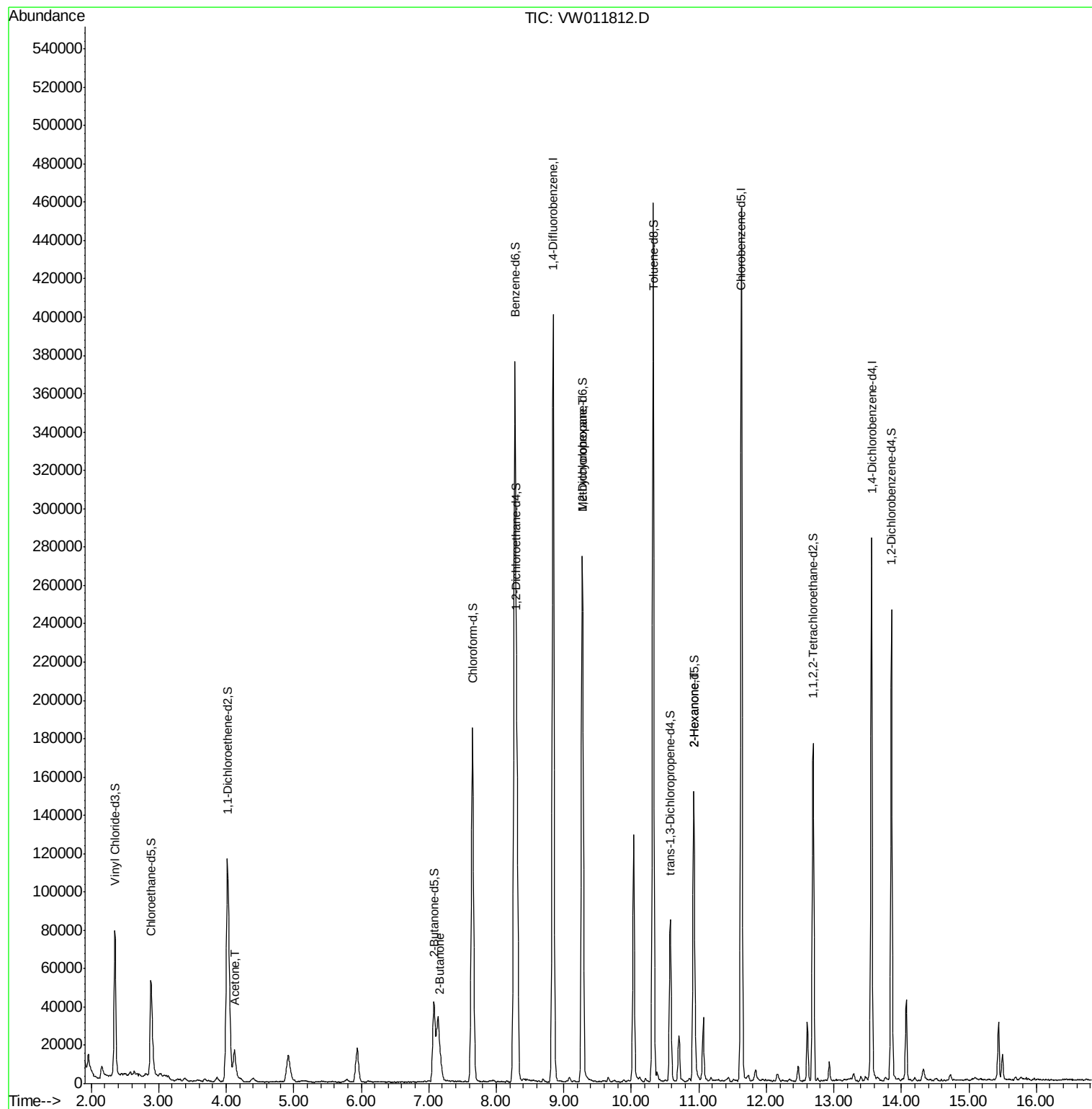
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	27435	13.001	ug/L	97
21) 2-Butanone	7.17	43	8340	3.152	ug/L	97
36) Methylcyclohexane	9.27	83	27774	3.641	ug/L #	14
49) 2-Hexanone	10.93	43	8283	2.684	ug/L #	64

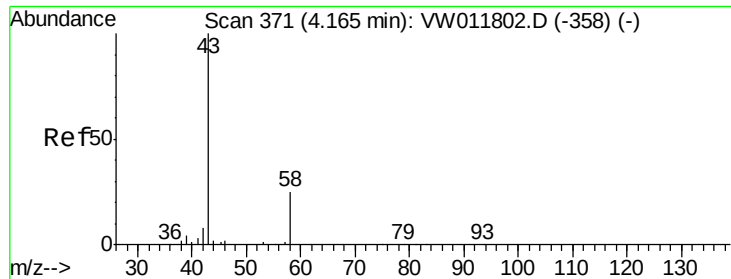
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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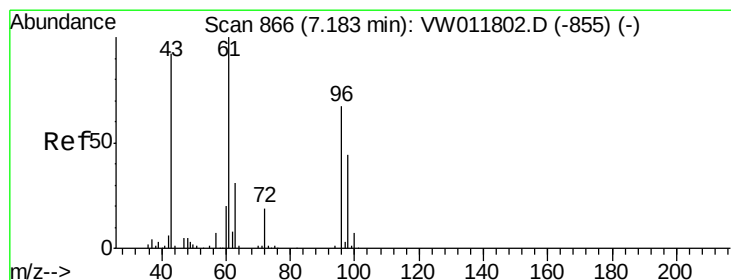
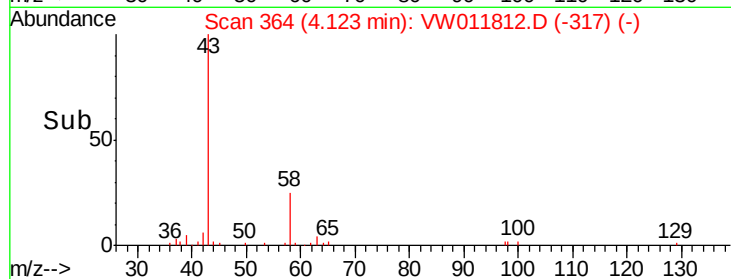
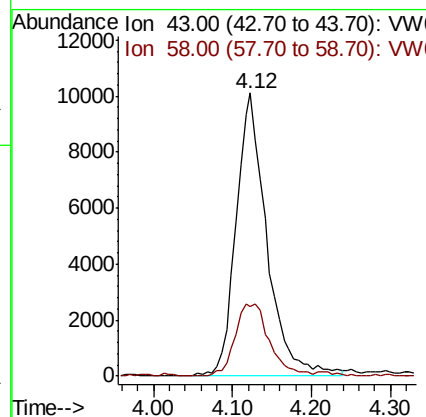
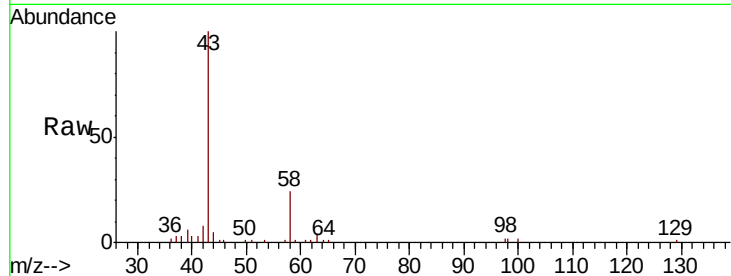




#13
Acetone
Concen: 13.001 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.04 min
Lab File: VW011812.D
Acq: 09 Aug 2019 14:47

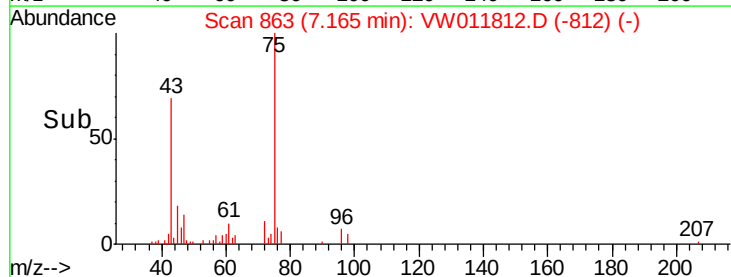
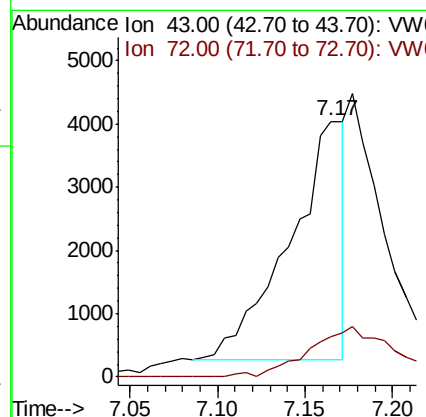
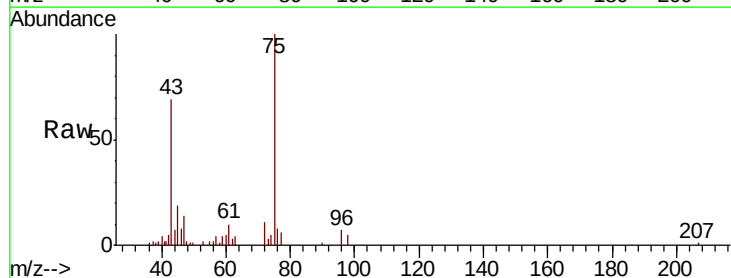
Instrument :
MSVOA_W
ClientSampled :
ETOD0

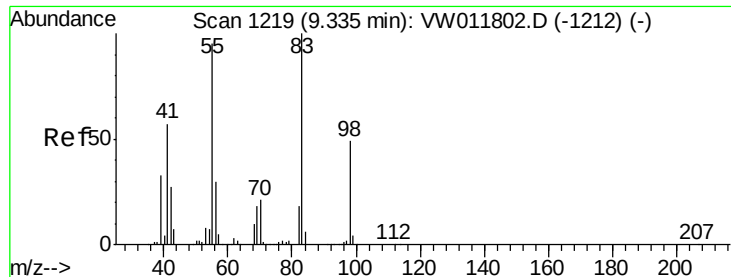
Tgt Ion: 43 Resp: 27435
Ion Ratio Lower Upper
43 100
58 28.0 0.0 53.4



#21
2-Butanone
Concen: 3.152 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.02 min
Lab File: VW011812.D
Acq: 09 Aug 2019 14:47

Tgt Ion: 43 Resp: 8340
Ion Ratio Lower Upper
43 100
72 22.6 10.7 32.1

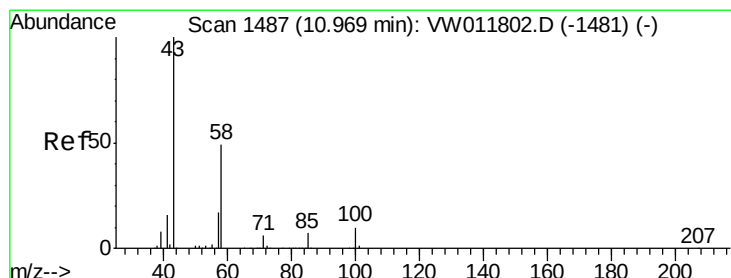
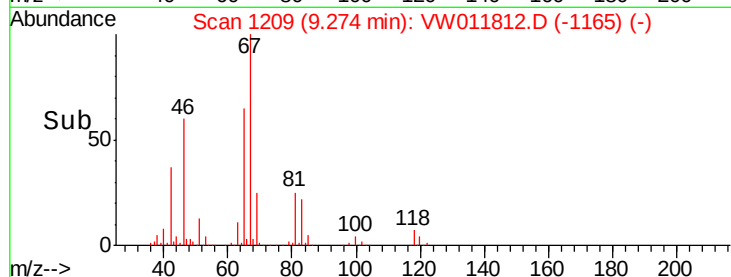
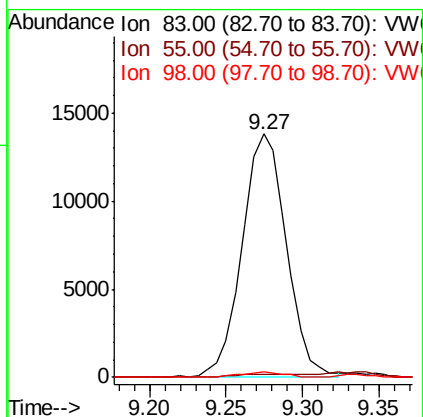
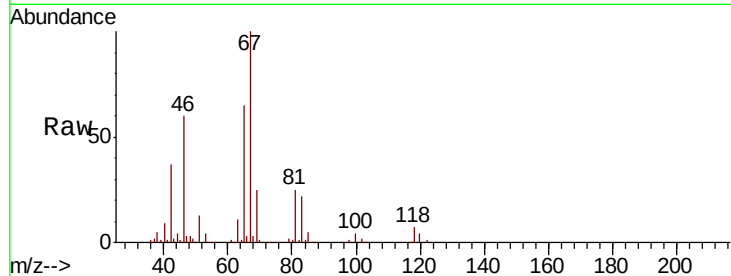




#36
Methylcyclohexane
Concen: 3.641 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW011812.D
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Instrument :
MSVOA_W
ClientSampleId :
ETOD0

Tgt Ion: 83 Resp: 27774
Ion Ratio Lower Upper
83 100
55 1.1 72.6 108.8#
98 1.7 37.8 56.6#



#49
2-Hexanone
Concen: 2.684 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW011812.D
Acq: 09 Aug 2019 14:47

Tgt Ion: 43 Resp: 8283
Ion Ratio Lower Upper
43 100
58 18.3 38.6 57.8#
57 24.2 13.0 19.6#
100 0.9 7.5 11.3#

