

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013810.D
 Acq On : 29 Oct 2019 23:28
 Operator : SY/VA
 Sample : K5565-06
 Misc : 3.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLNA5

Quant Time: Oct 30 07:40:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 08:16:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	242193	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	199338	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80877	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88453	29.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.08%
7) Chloroethane-d5	2.89	69	73467	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.96%
10) 1,1-Dichloroethene-d2	4.02	63	120576	18.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.48%
20) 2-Butanone-d5	7.07	46	51931	48.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.72%
24) Chloroform-d	7.65	84	180404	26.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.48%
26) 1,2-Dichloroethane-d4	8.30	65	93568	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.60%
29) Benzene-d6	8.27	84	366895	30.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.52%
33) 1,2-Dichloropropane-d6	9.27	67	114444	32.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.00%#
37) Toluene-d8	10.32	98	300356	27.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.76%
38) trans-1,3-Dichloropropene-	10.58	79	35381	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.72%
39) 2-Hexanone-d5	10.93	63	37375	54.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72962	24.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	73003	25.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.16%

Target Compounds

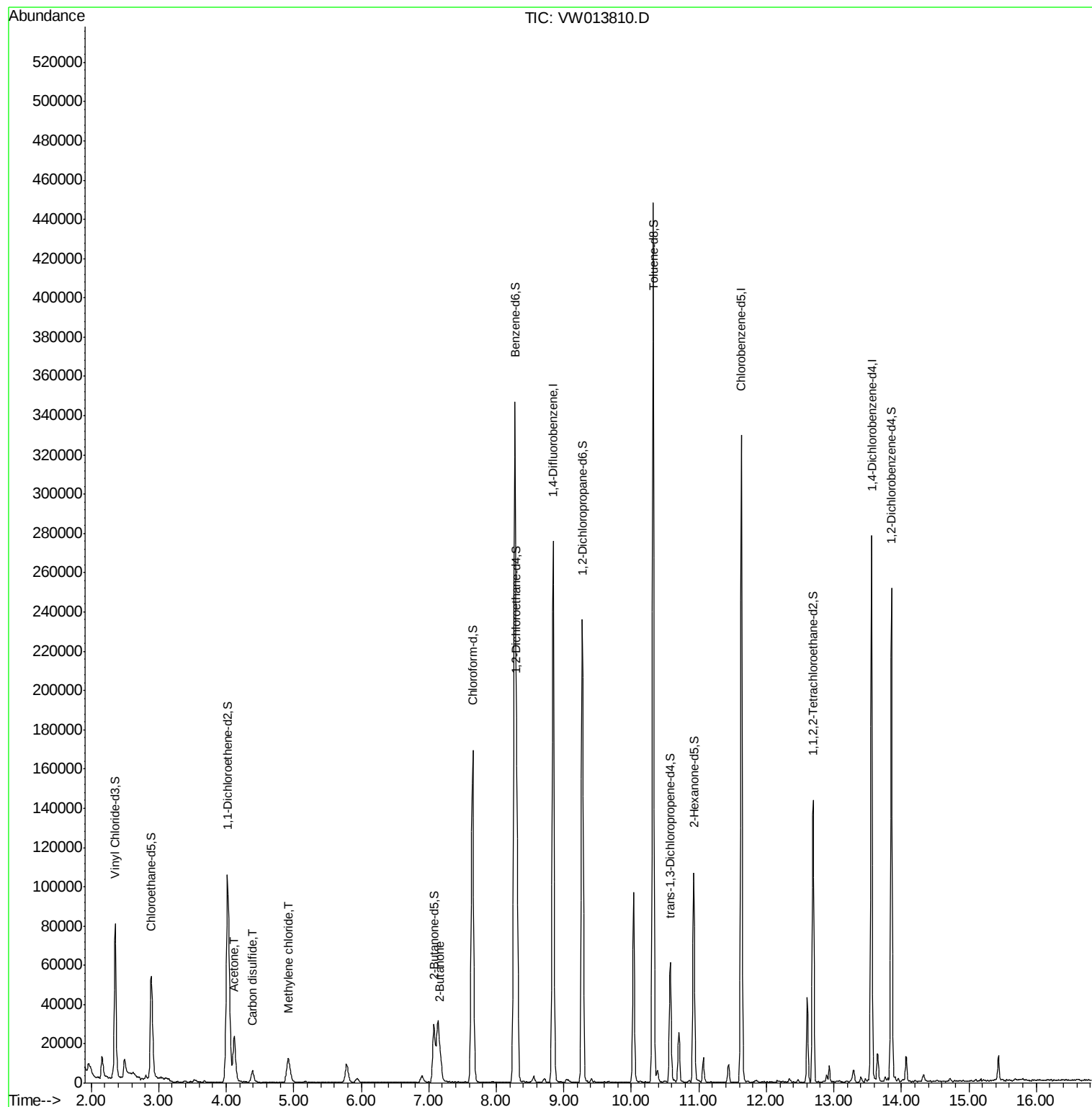
					Ovalue
13) Acetone	4.12	43	39686	33.644	ug/L 94
14) Carbon disulfide	4.39	76	9550	0.867	ug/L # 91
16) Methylene chloride	4.92	84	11840	2.553	ug/L 86
21) 2-Butanone	7.17	43	18243	12.181	ug/L 98

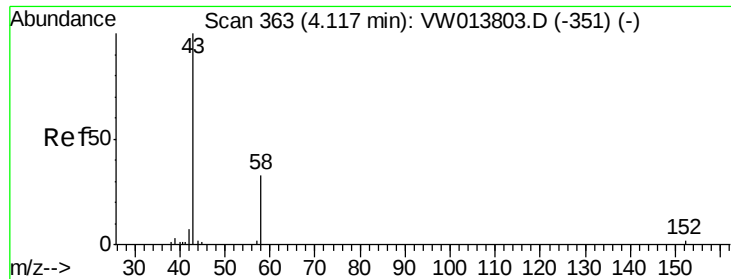
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 33.644 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW013810.D

Acq: 29 Oct 2019 23:28

Instrument :

MSVOA_W

ClientSampleId :

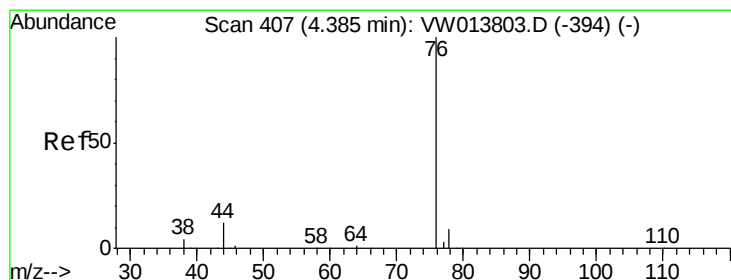
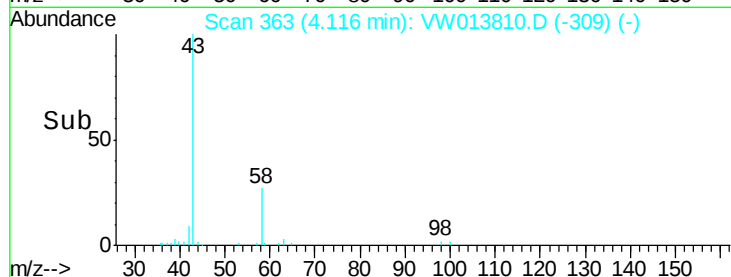
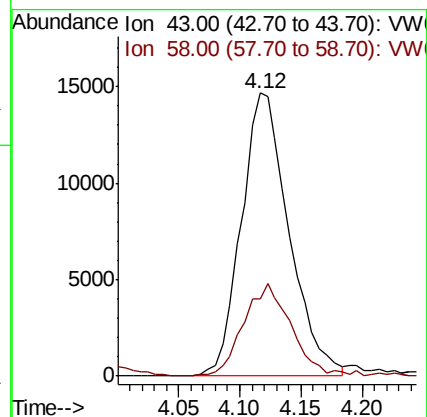
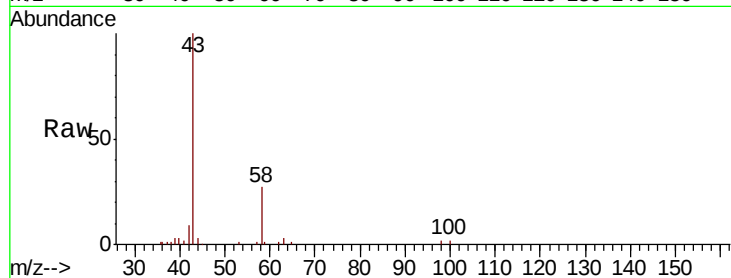
JLNA5

Tot Ion: 43 Resp: 39686

Ion Ratio Lower Upper

43 100

58 31.9 0.0 70.4



#14

Carbon disulfide

Concen: 0.867 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

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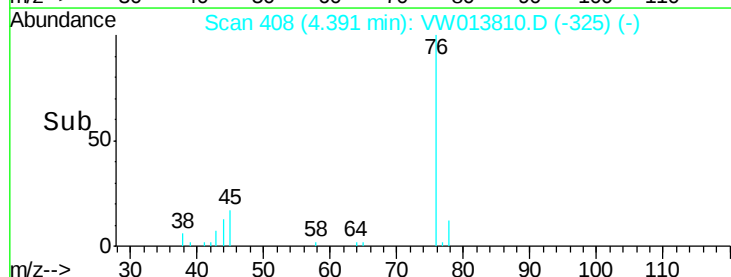
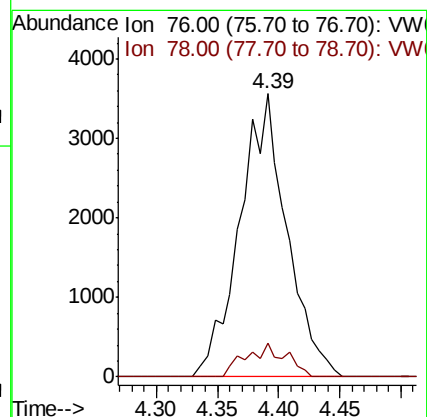
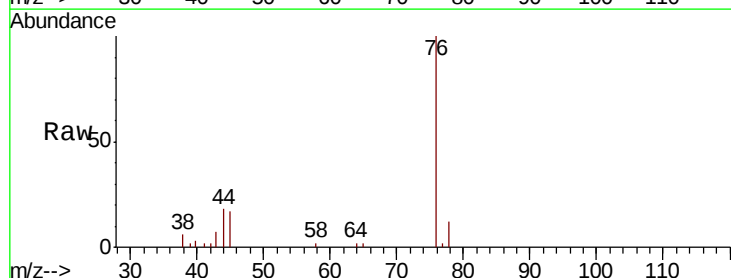
Acq: 29 Oct 2019 23:28

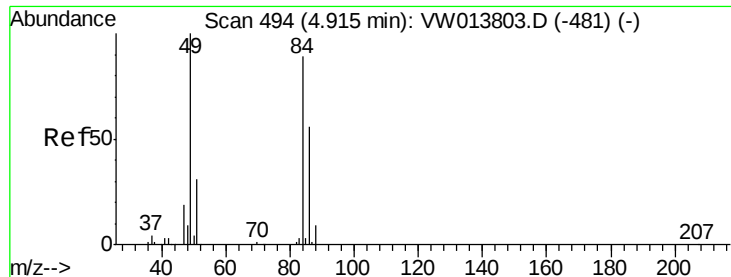
Tgt Ion: 76 Resp: 9550

Ion Ratio Lower Upper

76 100

78 12.1 7.1 10.7#

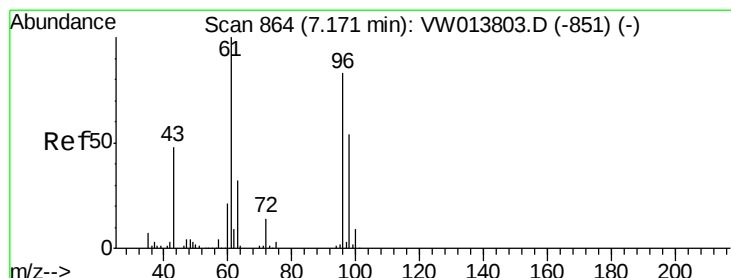
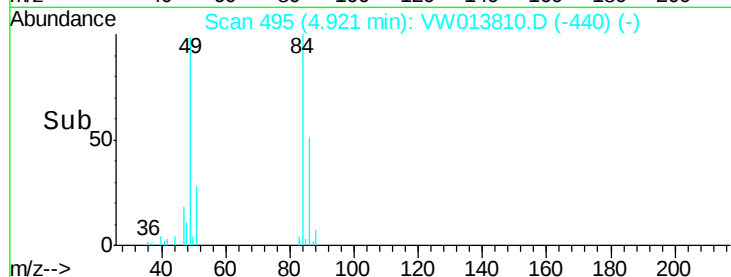
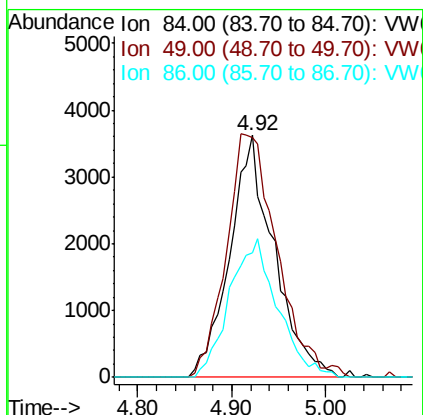
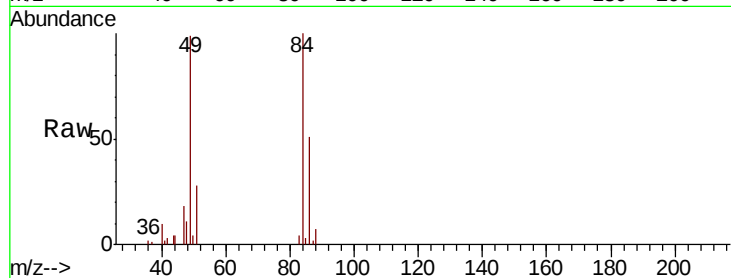




#16
Methvlene chloride
Concen: 2.553 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
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Instrument :
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ClientSampleId :
JLNA5

Tot Ion: 84 Resp: 11840
Ion Ratio Lower Upper
84 100
49 99.0 80.2 148.9
86 51.3 42.7 79.3



#21
2-Butanone
Concen: 12.181 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW013810.D
Acq: 29 Oct 2019 23:28

Tgt Ion: 43 Resp: 18243
Ion Ratio Lower Upper
43 100
72 26.4 13.7 41.1

