

Data File : VW013795.D
Acq On : 29 Oct 2019 16:01
Operator : SY/VA
Sample : K5509-12
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0G79

Quant Time: Oct 30 07:02:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334002	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	310713	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160023	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101803	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.36%
7) Chloroethane-d5	2.89	69	82561	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.32%
10) 1,1-Dichloroethene-d2	4.01	63	160172	17.70	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.80%
20) 2-Butanone-d5	7.07	46	43592	29.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.48%
24) Chloroform-d	7.65	84	210128	22.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	8.31	65	100311	20.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.08%
29) Benzene-d6	8.27	84	462144	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.27	67	132822	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.28%
37) Toluene-d8	10.32	98	425184	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.80%
38) trans-1,3-Dichloropropene-	10.58	79	49912	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.40%
39) 2-Hexanone-d5	10.92	63	34416	32.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79458	17.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	129375	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds

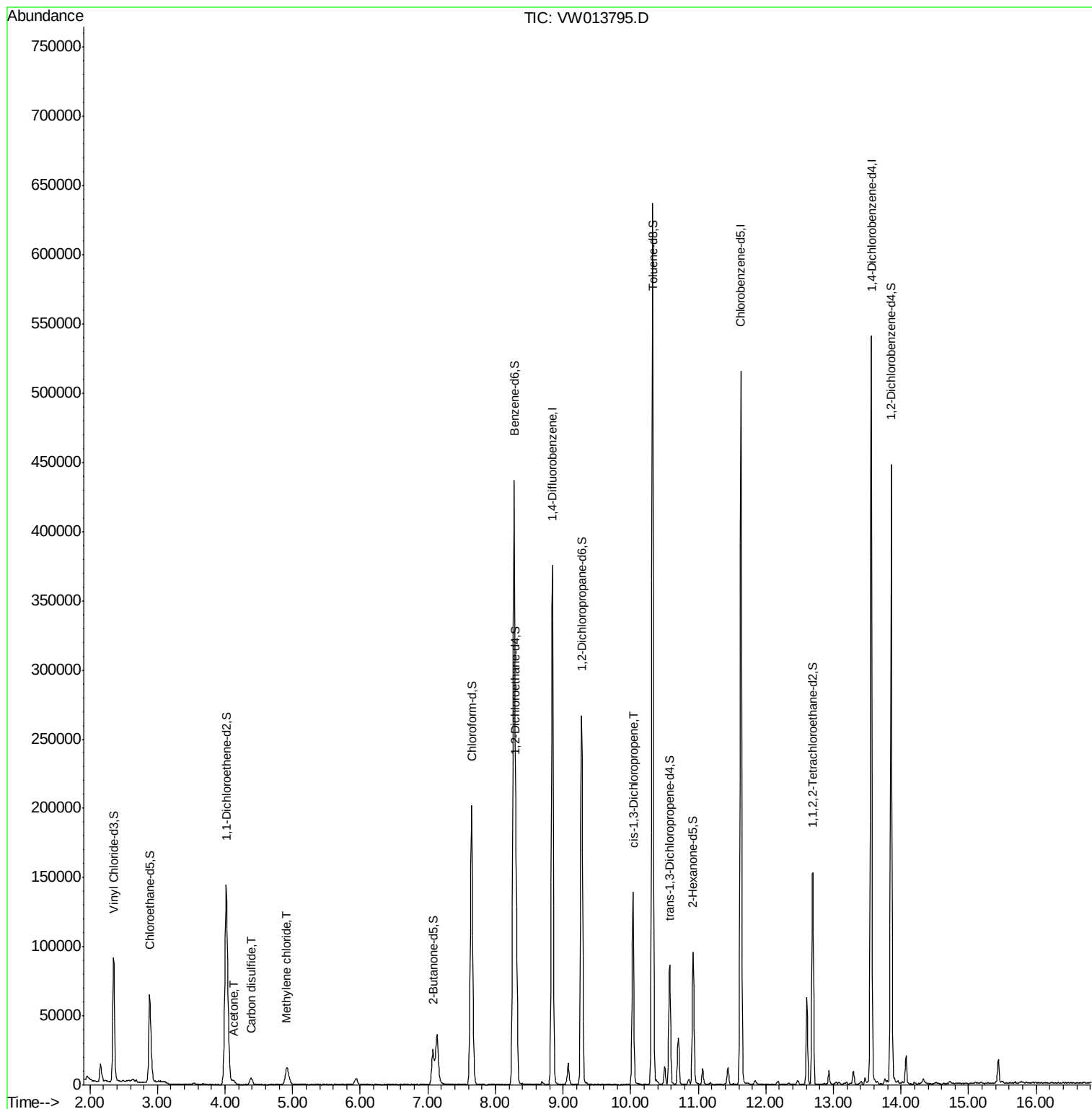
					Qvalue
13) Acetone	4.12	43	5053	3.106 ug/L	98
14) Carbon disulfide	4.39	76	8504	0.560 ug/L	98
16) Methylene chloride	4.92	84	11544	1.805 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	3286	0.382 ug/L	83

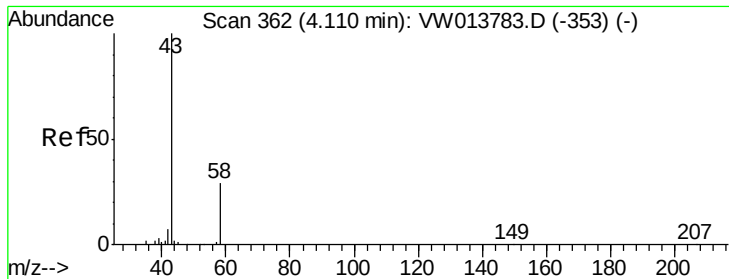
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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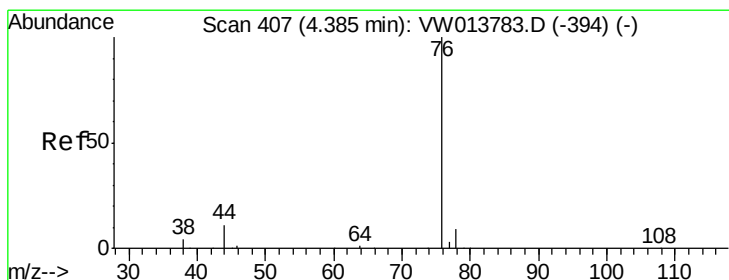
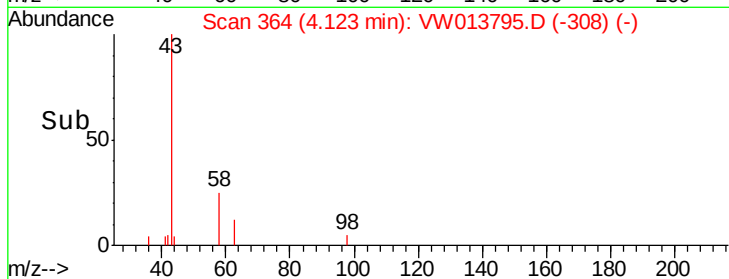
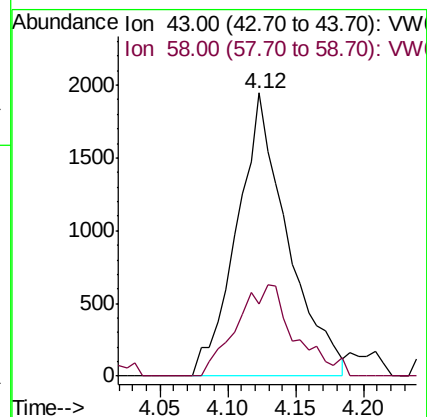
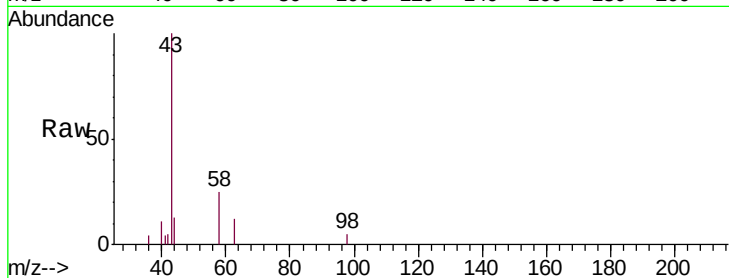




#13
Acetone
Concen: 3.106 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW013795.D
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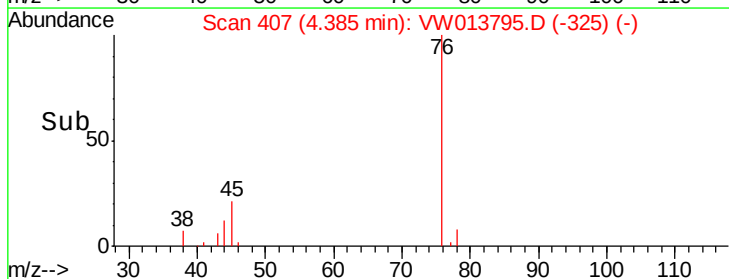
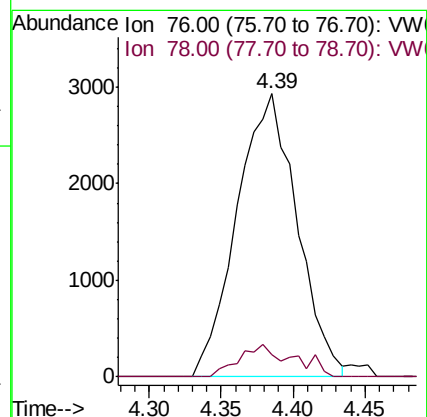
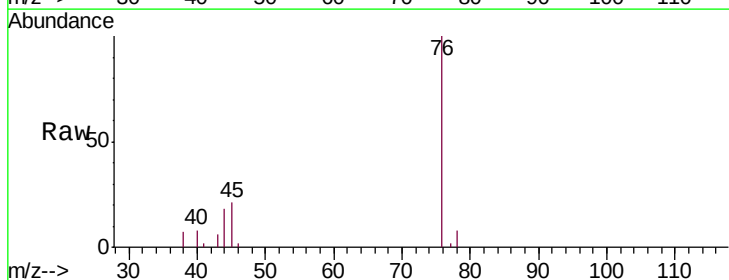
Instrument :
MSVOA_W
ClientSampled :
H0G79

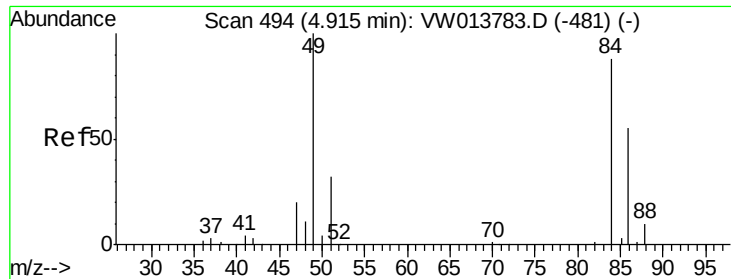
Tgt Ion: 43 Resp: 5053
Ion Ratio Lower Upper
43 100
58 36.3 0.0 70.4



#14
Carbon disulfide
Concen: 0.560 ug/L
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW013795.D
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Tgt Ion: 76 Resp: 8504
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7

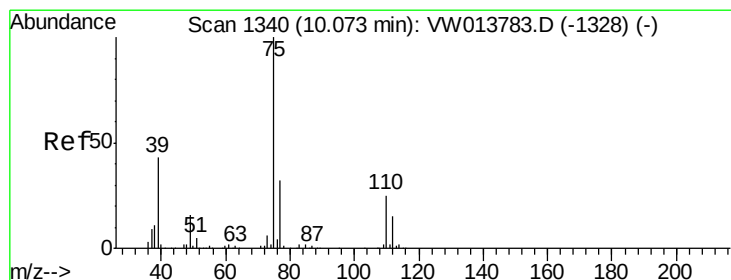
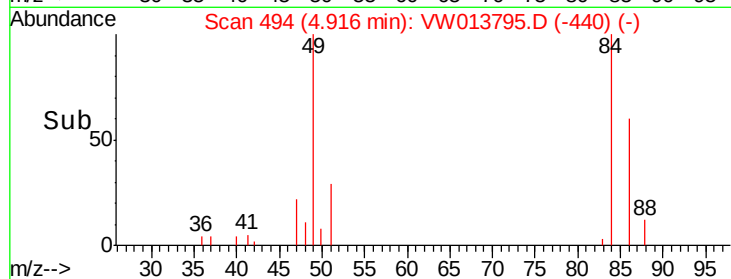
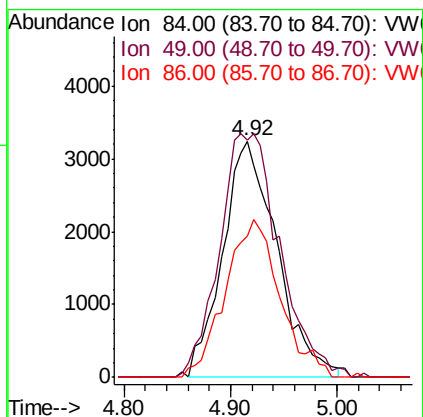
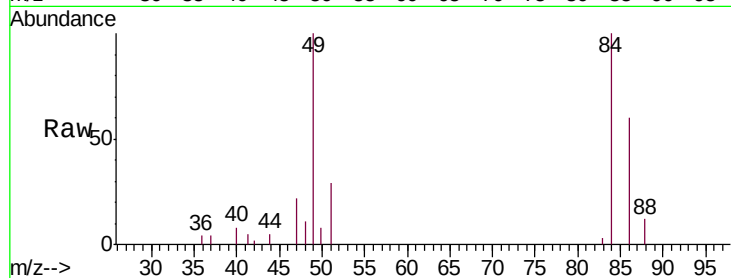




#16
Methylene chloride
Concen: 1.805 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
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Instrument :
MSVOA_W
ClientSampleId :
H0G79

Tgt Ion: 84 Resp: 11544
Ion Ratio Lower Upper
84 100
49 100.1 80.2 148.9
86 59.9 42.7 79.3



#42
cis-1,3-Dichloropropene
Concen: 0.382 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW013795.D
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Tgt Ion: 75 Resp: 3286
Ion Ratio Lower Upper
75 100
77 41.7 22.5 41.9

