

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016917.D
 Acq On : 15 Oct 2020 17:20
 Operator : SY/VA
 Sample : L4426-02
 Misc : 4.78G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y4

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:00:23 AM

Quant Time: Oct 16 09:04:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	559372	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	486151	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200053	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123375	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.44%
7) Chloroethane-d5	2.89	69	107849	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	4.02	63	186507	15.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.68%
20) 2-Butanone-d5	7.09	46	49959	39.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.94%
24) Chloroform-d	7.65	84	281571	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.31	65	134389	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
29) Benzene-d6	8.27	84	564824	25.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.32%
33) 1,2-Dichloropropane-d6	9.27	67	156025	26.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.16%
37) Toluene-d8	10.32	98	520274	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	10.58	79	54888	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.88%
39) 2-Hexanone-d5	10.93	63	41025	44.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107290	22.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	161583	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

Target Compounds

				Ovalue
13) Acetone	4.15	43	3977m	4.205 ug/L
14) Carbon disulfide	4.39	76	14181	0.684 ug/L 98
16) Methylene chloride	4.92	84	22447	2.908 ug/L 99
47) Tetrachloroethene	10.87	164	57248	8.362 ug/L 97

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

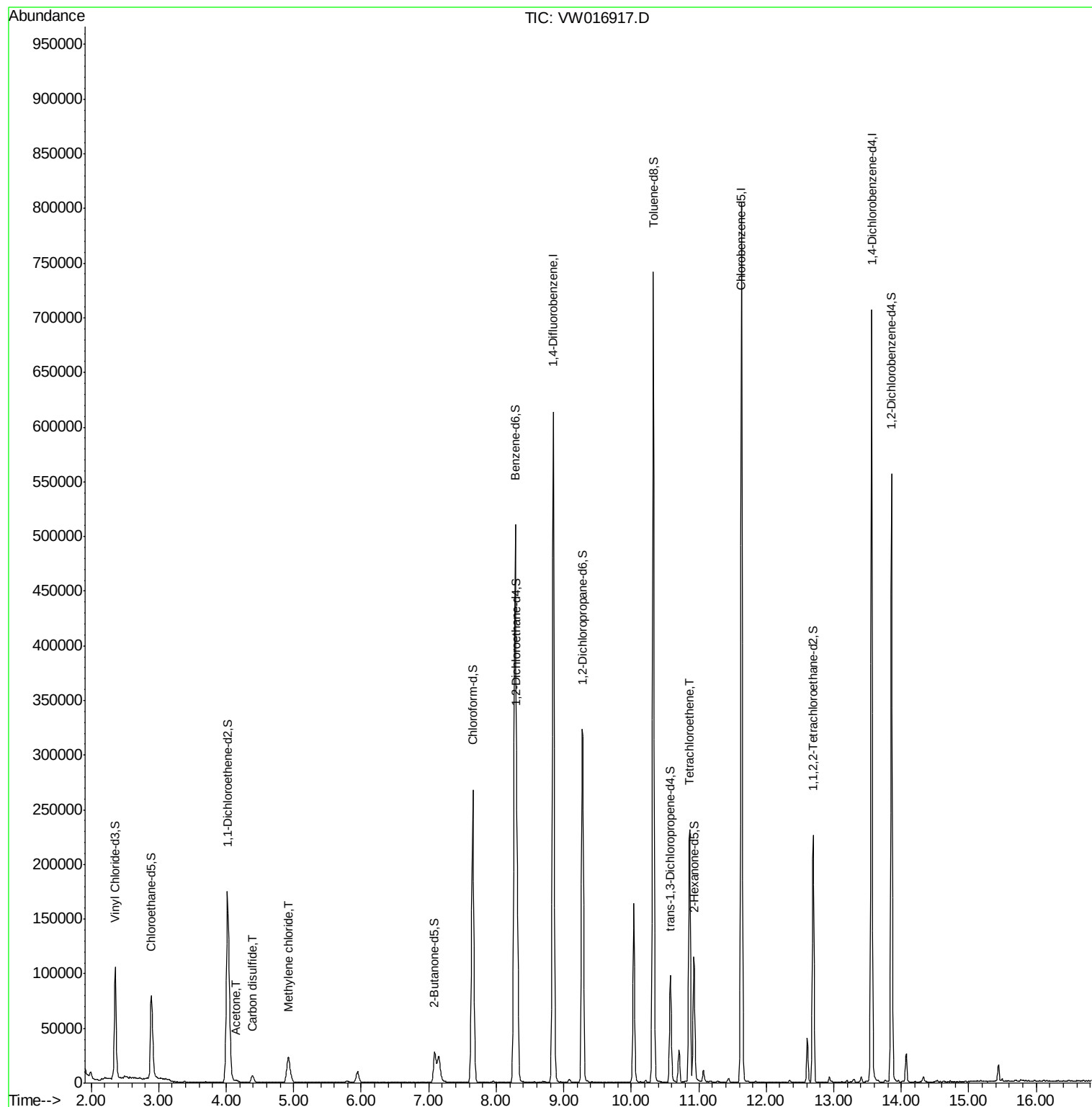
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101620\
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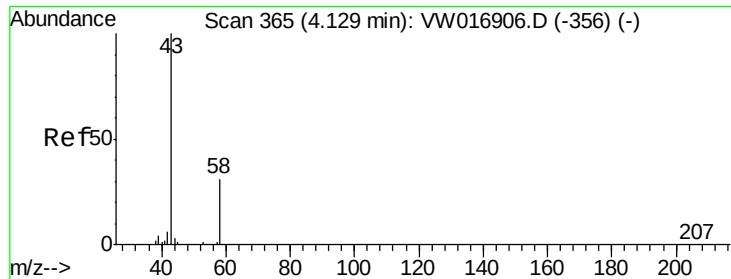
Instrument :
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QLast Update : Fri Oct 16 08:07:29 2020
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#13

Acetone

Concen: 4.205 ug/L m

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016917.D

Acq: 15 Oct 2020 17:20

Instrument :

MSVOA_W

ClientSampled :

BG3Y4

Tot Ion: 43 Resp: 3977

Ion Ratio Lower Upper

43 100

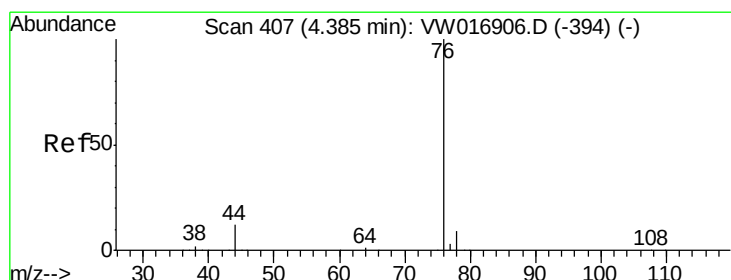
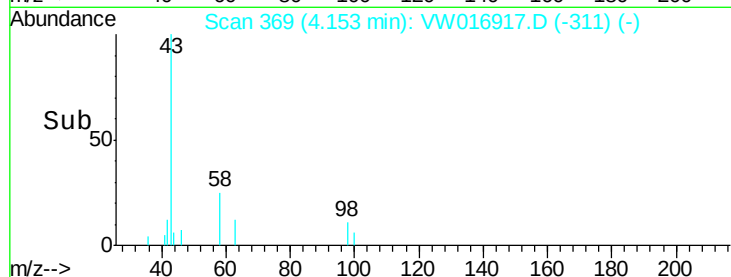
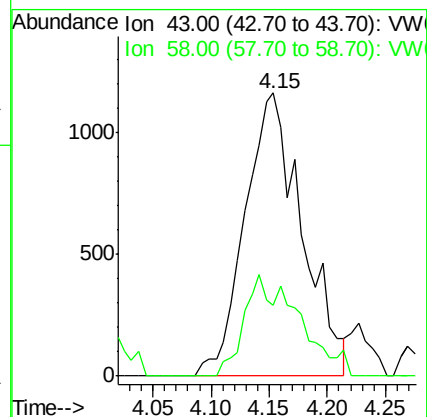
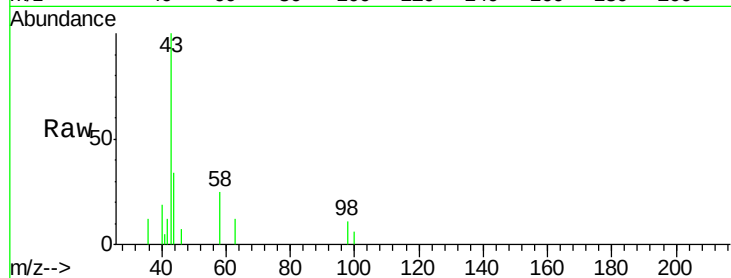
58 15.4 0.0 67.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.684 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW016917.D

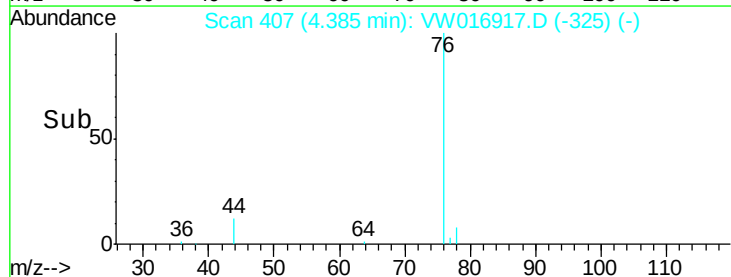
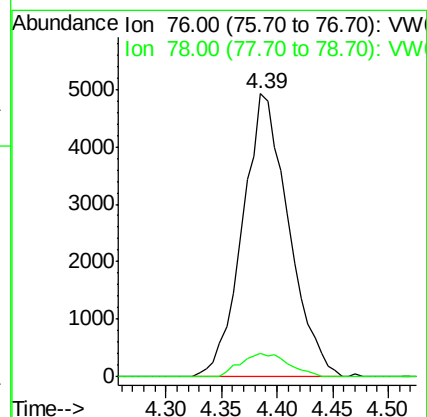
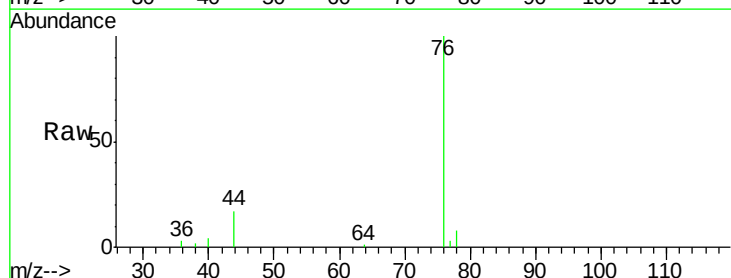
Acq: 15 Oct 2020 17:20

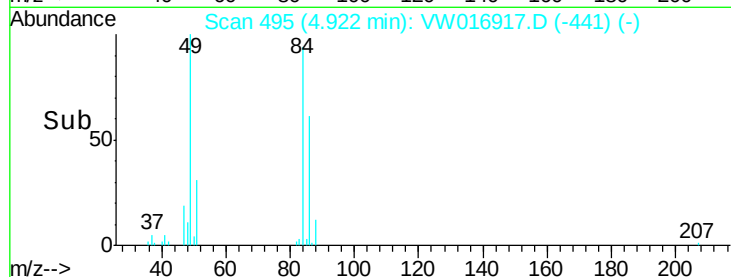
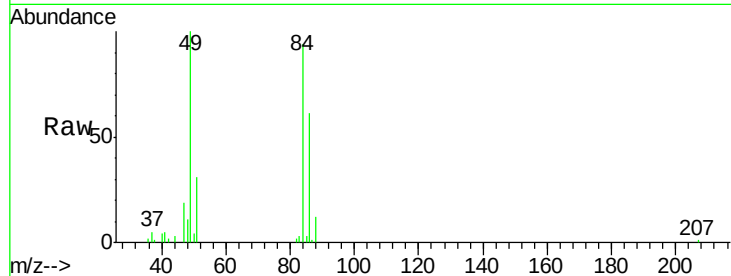
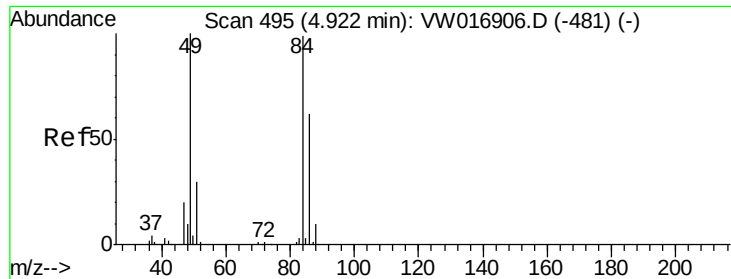
Tgt Ion: 76 Resp: 14181

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0





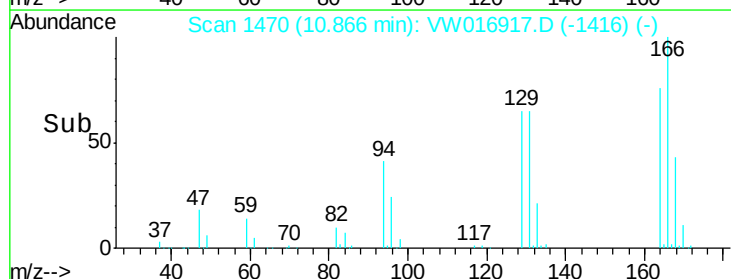
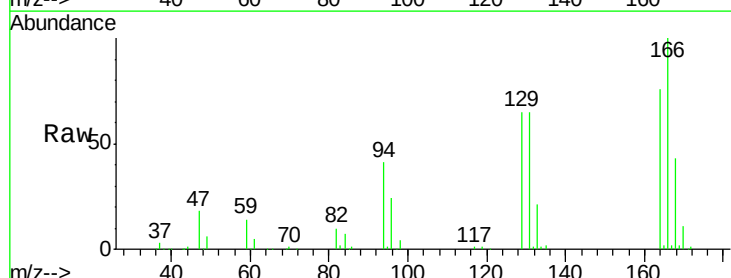
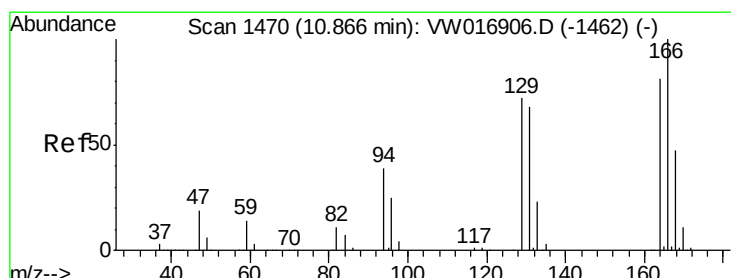
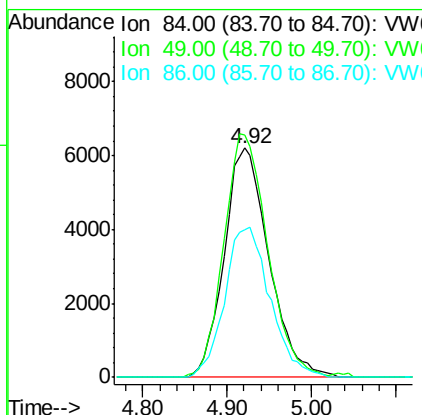
#16
Methylene chloride
Concen: 2.908 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016917.D
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Tot Ion	Ratio	Lower	Upper
84	100		
49	105.9	73.1	135.8
86	64.6	46.0	85.4

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#47
Tetrachloroethene
Concen: 8.362 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016917.D
Acq: 15 Oct 2020 17:20

Tgt Ion	Ratio	Lower	Upper
164	100		
129	86.0	61.7	114.7
131	86.1	59.7	110.9
166	131.9	88.3	164.1

