

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014412.D
 Acq On : 18 Dec 2019 00:27
 Operator : SY/VA
 Sample : K6279-07
 Misc : 4.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEX9

Manual Integrations
 APPROVED

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 12/18/2019 3:32:35 PM

Quant Time: Dec 18 04:11:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	834020	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	682247	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	206676	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	252346	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
7) Chloroethane-d5	2.89	69	231511	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
10) 1,1-Dichloroethene-d2	4.02	63	350537	15.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.84%
20) 2-Butanone-d5	7.08	46	119065	36.18	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.36%
24) Chloroform-d	7.65	84	507131	23.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	8.30	65	301777	27.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.44%
29) Benzene-d6	8.27	84	1065521	26.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.60%
33) 1,2-Dichloropropane-d6	9.27	67	357430	29.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.24%
37) Toluene-d8	10.32	98	844829	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.48%
38) trans-1,3-Dichloropropene-	10.57	79	76526	14.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.32%
39) 2-Hexanone-d5	10.92	63	84447	34.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	238624	23.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	195970	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds					Ovalue
13) Acetone	4.12	43	43539	13.721 ug/L	94
14) Carbon disulfide	4.38	76	18913	0.554 ug/L	100
16) Methylene chloride	4.92	84	37672	2.946 ug/L	99
21) 2-Butanone	7.16	43	31802m	7.465 ug/L	

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

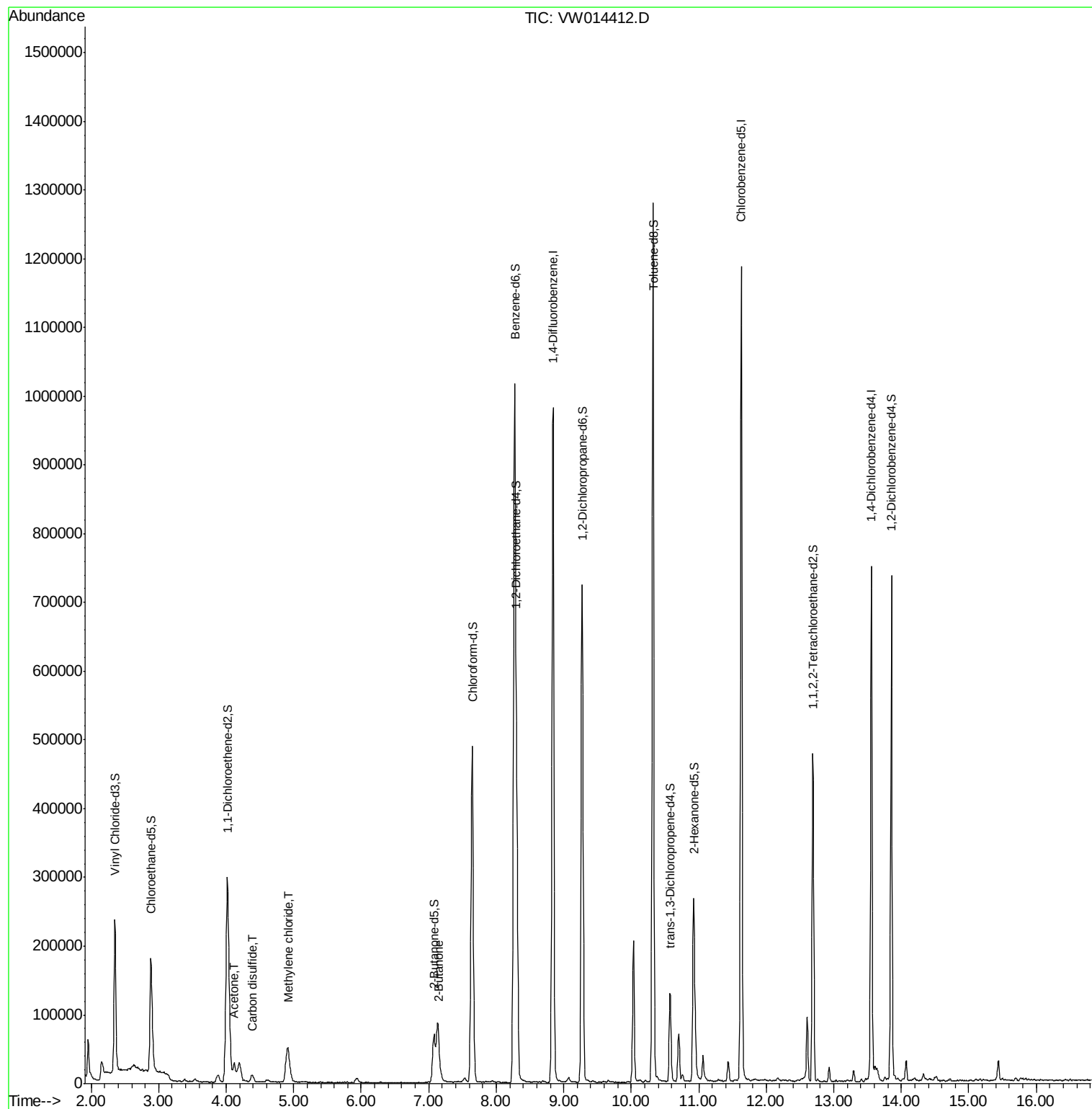
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
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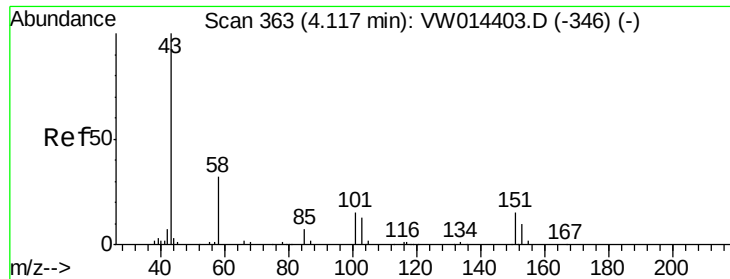
Instrument :
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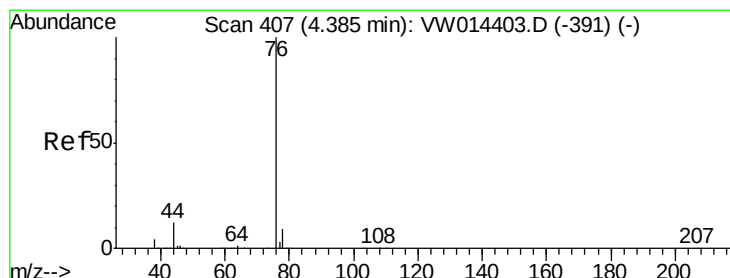
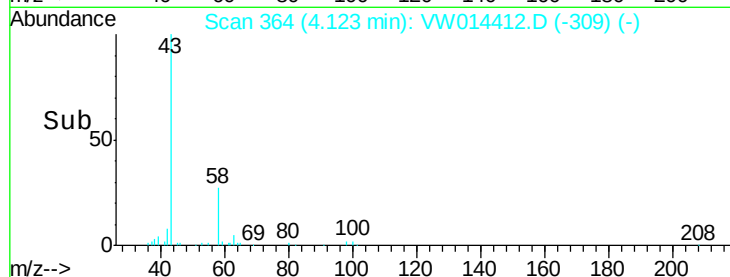
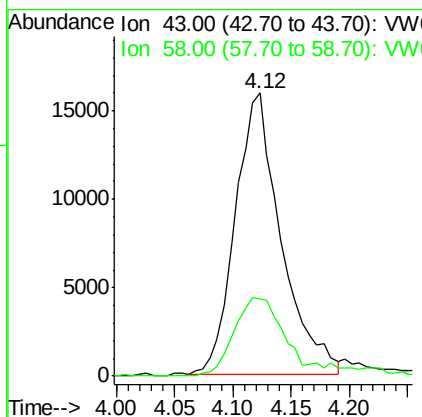
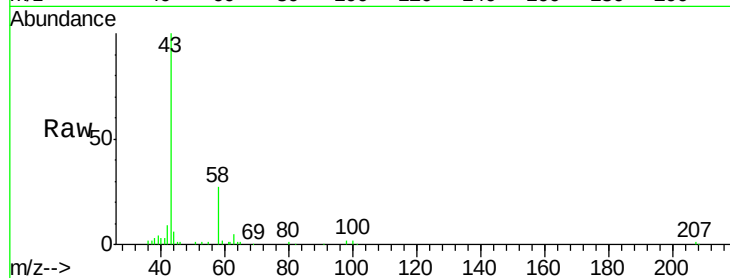
#13
Acetone
Concen: 13.721 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014412.D
Acq: 18 Dec 2019 00:27

Instrument :
MSVOA_W
ClientSampleId :
BFEX9

Tot Ion	43	Resp	43539
Ion Ratio	100	Lower	Upper
58	29.1	0.0	65.4

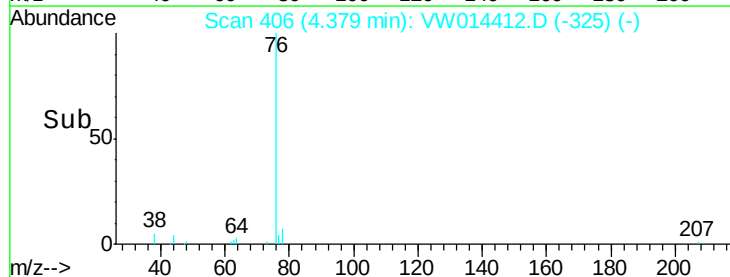
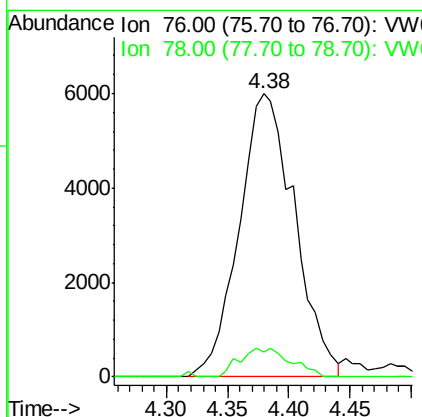
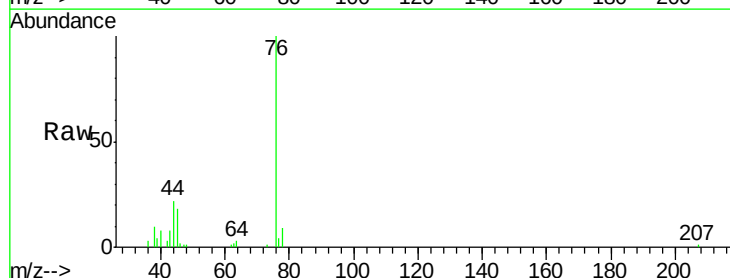
Manual Integrations
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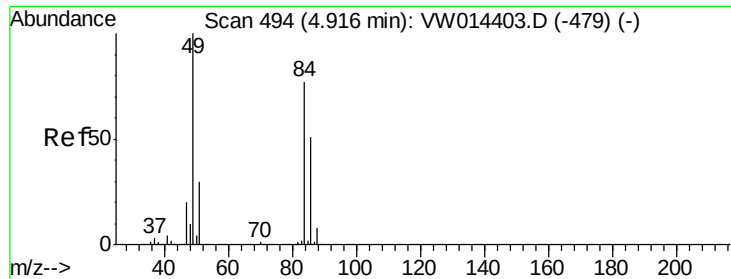
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#14
Carbon disulfide
Concen: 0.554 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014412.D
Acq: 18 Dec 2019 00:27

Tgt Ion	76	Resp	18913
Ion Ratio	100	Lower	Upper
78	9.0	7.2	10.8





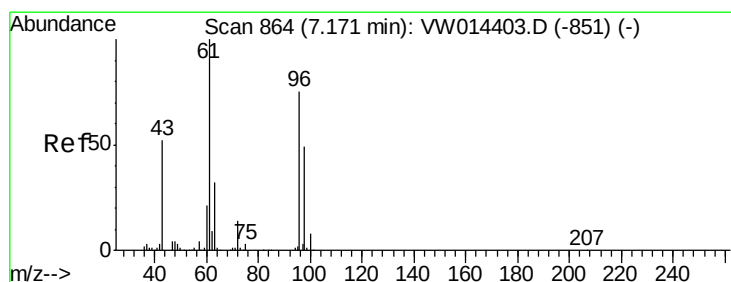
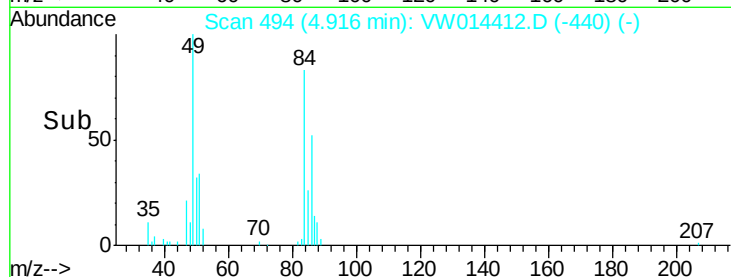
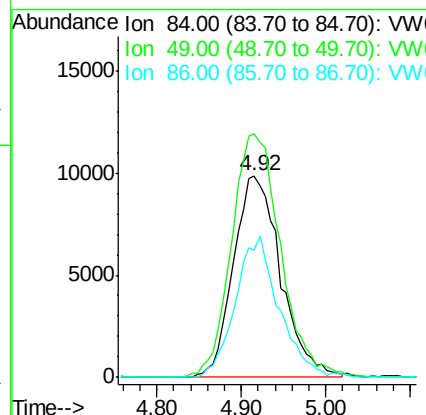
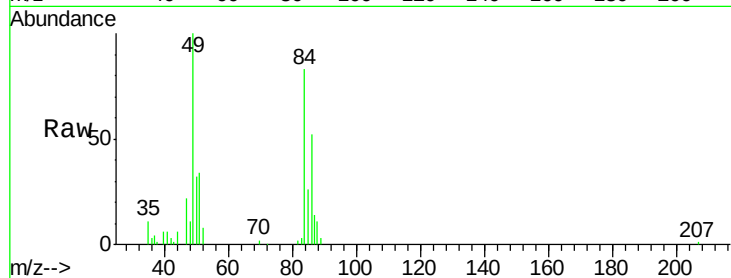
#16
Methylene chloride
Concen: 2.946 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014412.D
Acq: 18 Dec 2019 00:27

Instrument :
MSVOA_W
ClientSampled :
BFEX9

Tot Ion	Ratio	Lower	Upper
84	100		
49	120.7	84.2	156.4
86	63.0	43.7	81.1

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#21
2-Butanone
Concen: 7.465 ug/L m
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014412.D
Acq: 18 Dec 2019 00:27

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.2	14.1	42.2#

