

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014431.D
 Acq On : 18 Dec 2019 14:33
 Operator : SY/VA
 Sample : K6257-12
 Misc : 4.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW9

Manual Integrations
 APPROVED

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 12/19/2019 2:01:36 PM

Quant Time: Dec 19 01:58:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 19 01:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1066788	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	945238	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	359881	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	286879	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.04%
7) Chloroethane-d5	2.89	69	247096	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.28%
10) 1,1-Dichloroethene-d2	4.01	63	418172	14.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.64%
20) 2-Butanone-d5	7.07	46	179088	42.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.08%
24) Chloroform-d	7.64	84	623581	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.30	65	335545	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.24%
29) Benzene-d6	8.27	84	1256252	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.27	67	403465	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.68%
37) Toluene-d8	10.32	98	1079835	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.24%
38) trans-1,3-Dichloropropene-	10.57	79	148778	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.24%
39) 2-Hexanone-d5	10.92	63	133490	39.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	289891	20.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	330449	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%

Target Compounds					Ovalue
13) Acetone	4.11	43	79371	19.556 ug/L	99
14) Carbon disulfide	4.39	76	10620	0.243 ug/L	98
21) 2-Butanone	7.18	43	19033m	3.493 ug/L	

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

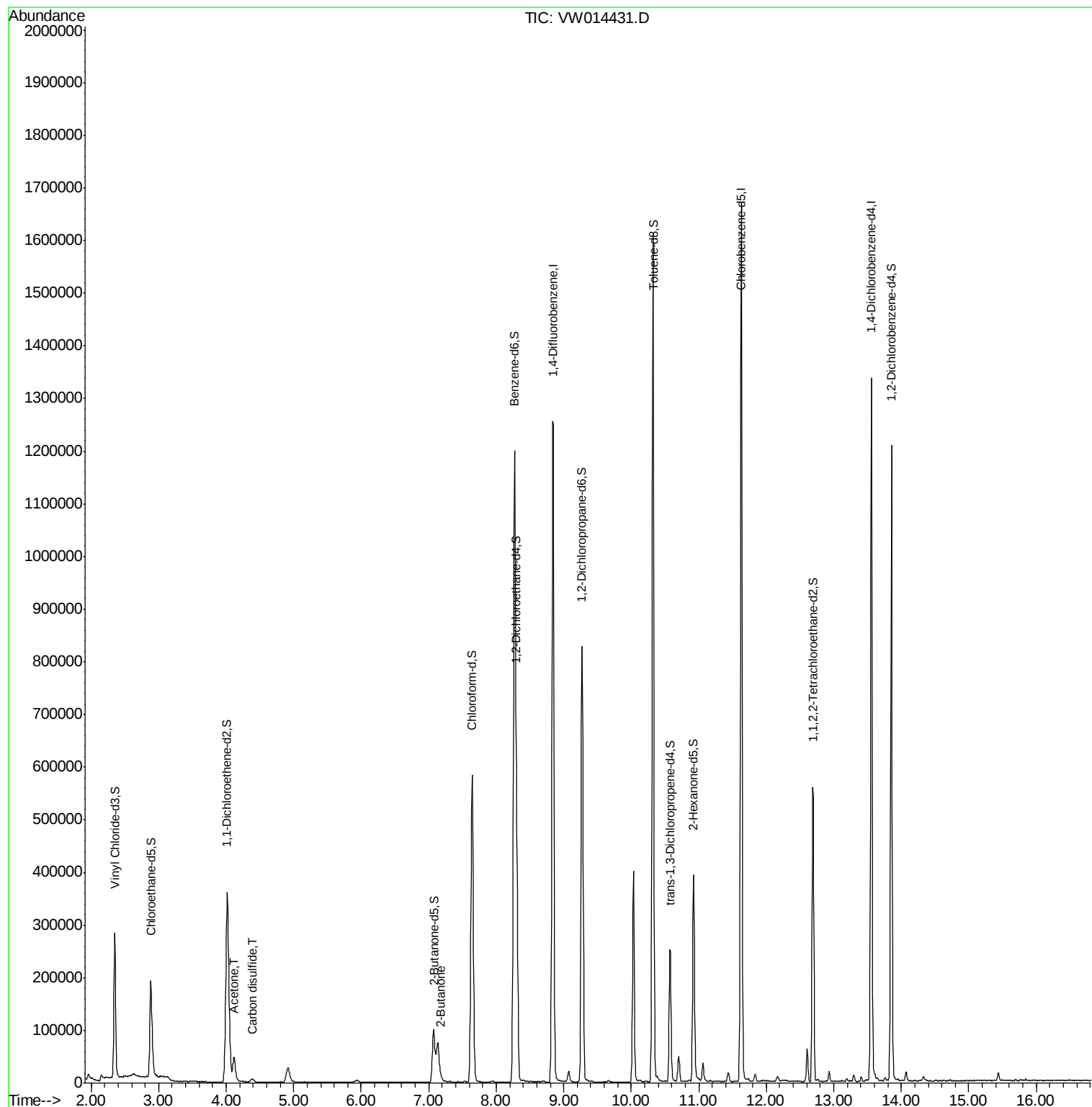
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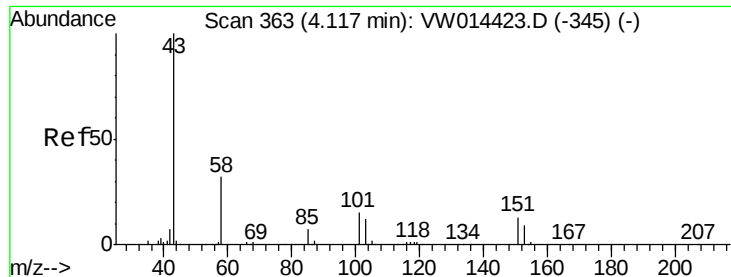
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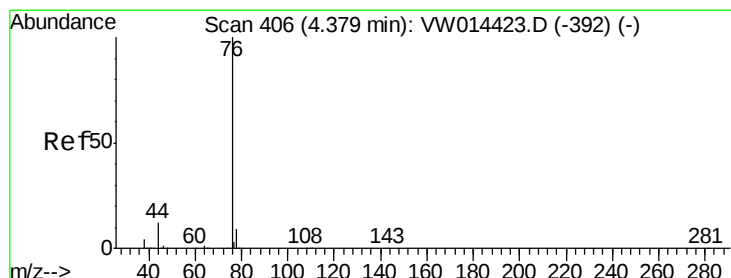
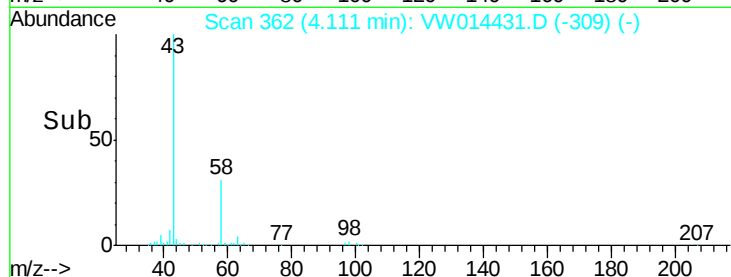
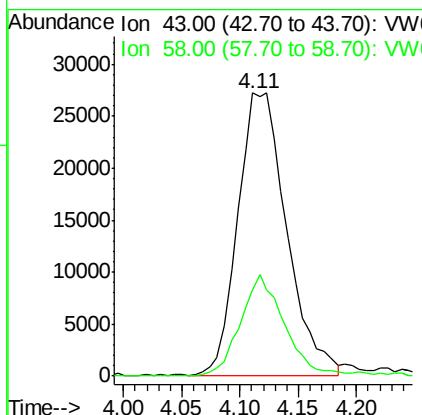
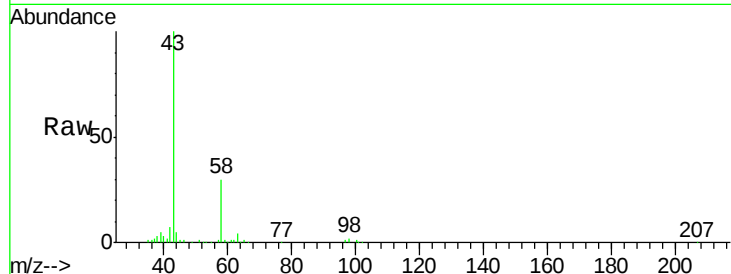
#13
Acetone
Concen: 19.556 ug/L
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW014431.D
Acq: 18 Dec 2019 14:33

Instrument :
MSVOA_W
ClientSampleId :
BFEW9

Tot Ion	43	Resp	79371
Ion Ratio	100	Lower	Upper
43	100		
58	32.1	0.0	65.4

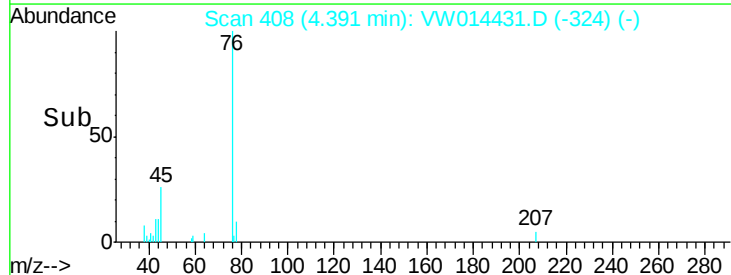
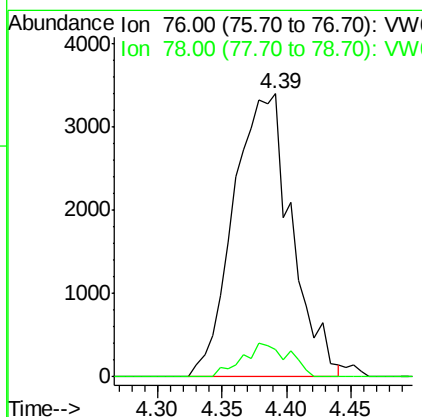
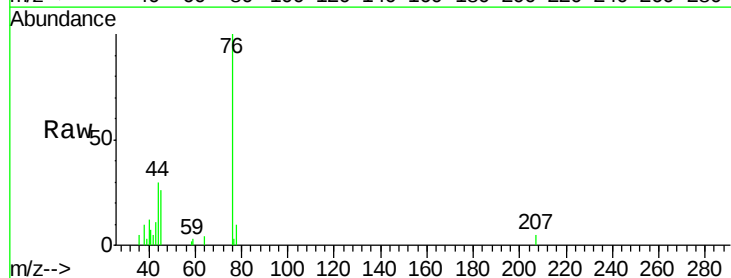
Manual Integrations
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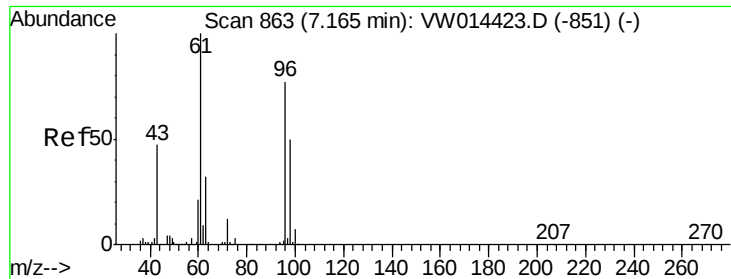
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#14
Carbon disulfide
Concen: 0.243 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW014431.D
Acq: 18 Dec 2019 14:33

Tgt Ion	76	Resp	10620
Ion Ratio	100	Lower	Upper
76	100		
78	9.7	7.2	10.8





#21

2-Butanone

Concen: 3.493 ug/L m

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW014431.D

Acq: 18 Dec 2019 14:33

Instrument :

MSVOA_W

ClientSampleId :

BFEW9

Tot Ion: 43 Resp: 19033

Ion Ratio Lower Upper

43 100

72 1.5 14.1 42.2#

Manual Integrations

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