

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009476.D
 Acq On : 26 Mar 2019 21:21
 Operator : SY/VA
 Sample : K2068-02
 Misc : 5.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M1

Manual Integrations
 APPROVED

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 3/30/2019 12:37:10 PM

Quant Time: Mar 27 08:35:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	325013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103406	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72687	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.84%
7) Chloroethane-d5	2.89	69	81679	17.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.88%
10) 1,1-Dichloroethene-d2	4.01	63	119010	14.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	7.08	46	75672	47.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.22%
24) Chloroform-d	7.65	84	194529	21.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	8.30	65	119494m	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.44%
29) Benzene-d6	8.27	84	327513	20.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.80%
33) 1,2-Dichloropropane-d6	9.27	67	110364	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.92%
37) Toluene-d8	10.32	98	269750	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.76%
38) trans-1,3-Dichloropropene-	10.58	79	41675	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.84%
39) 2-Hexanone-d5	10.93	63	51536	44.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106042	22.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	85241	21.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.00%

Target Compounds					Ovalue
13) Acetone	4.12	43	118871	90.246 ug/L	99
14) Carbon disulfide	4.38	76	11295	1.049 ug/L	99
16) Methylene chloride	4.91	84	19953m	4.210 ug/L	
21) 2-Butanone	7.17	43	33608	18.479 ug/L	96

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

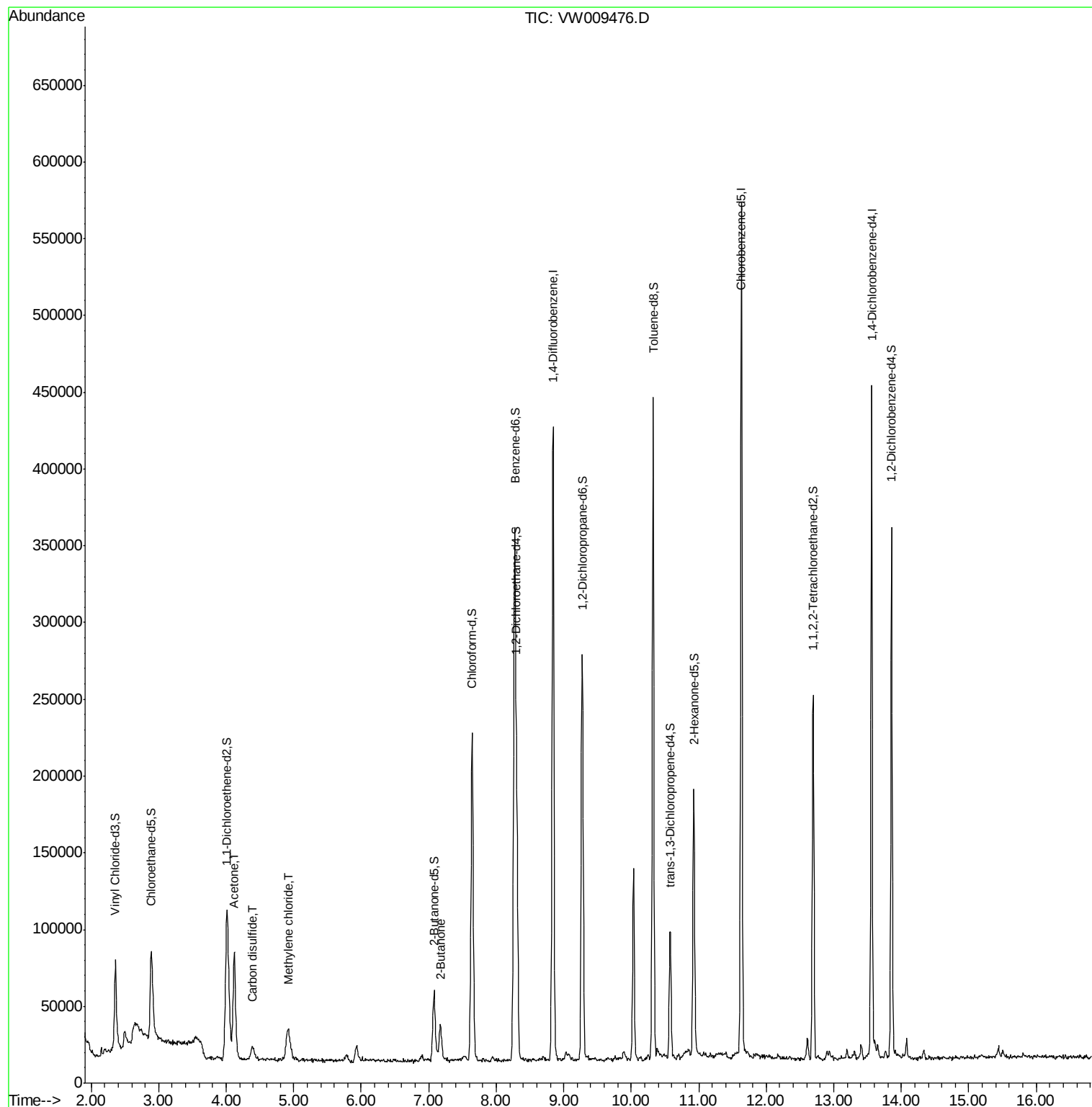
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032619\
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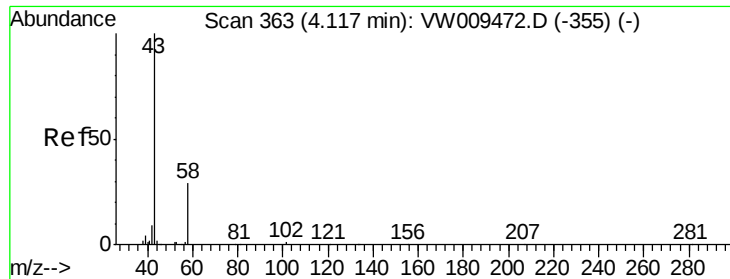
Instrument :
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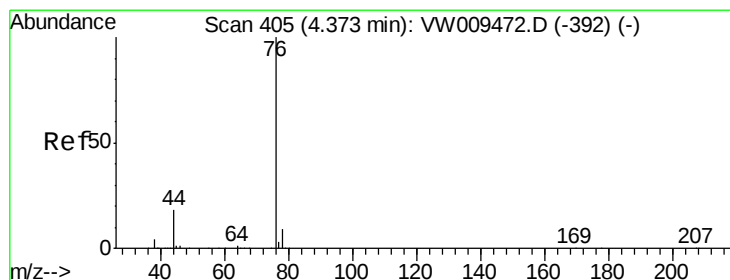
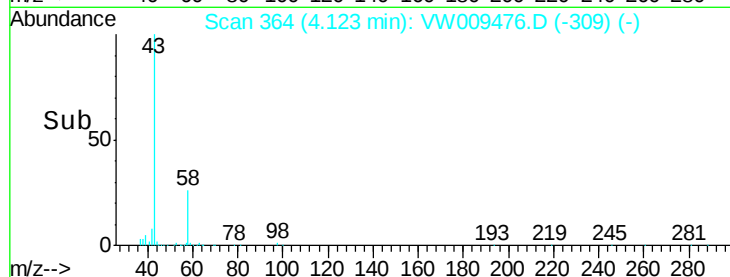
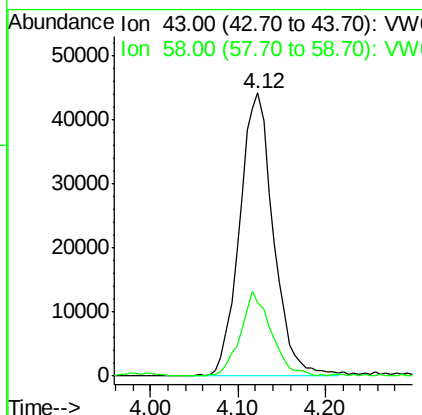
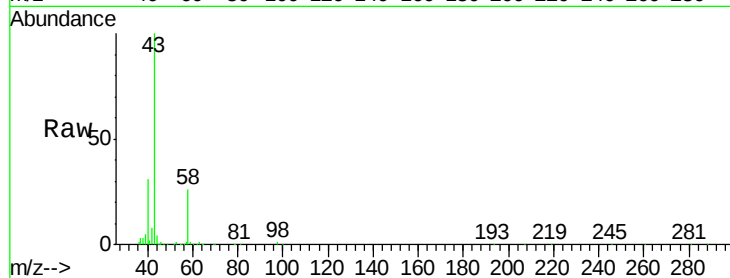
#13
Acetone
Concen: 90.246 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009476.D
Acq: 26 Mar 2019 21:21

Instrument :
MSVOA_W
ClientSampled :
BF5M1

Tot Ion: 43 Resp: 118871
Ion Ratio Lower Upper
43 100
58 27.3 0.0 56.2

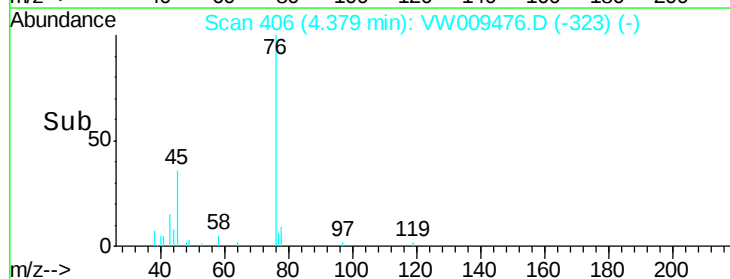
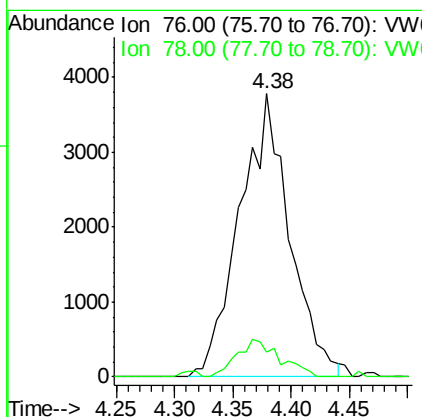
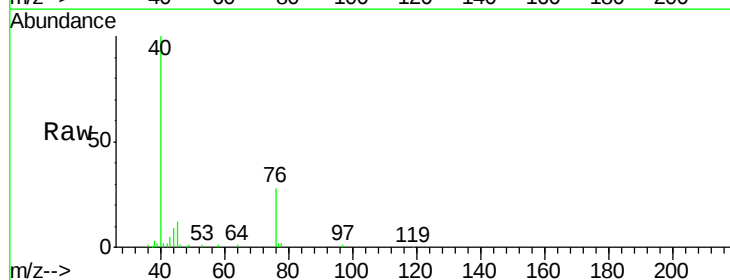
Manual Integrations
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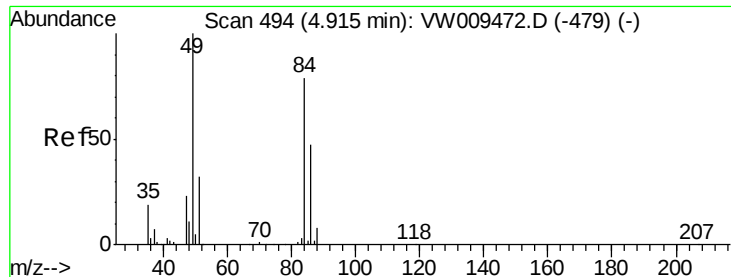
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#14
Carbon disulfide
Concen: 1.049 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW009476.D
Acq: 26 Mar 2019 21:21

Tgt Ion: 76 Resp: 11295
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





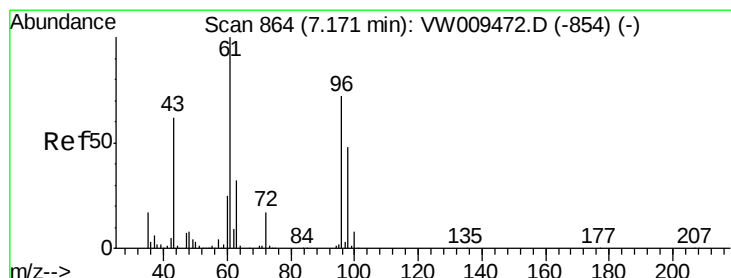
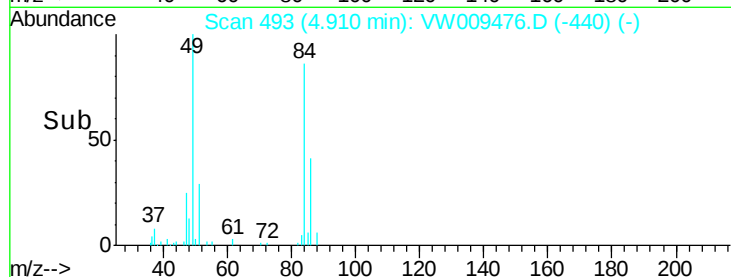
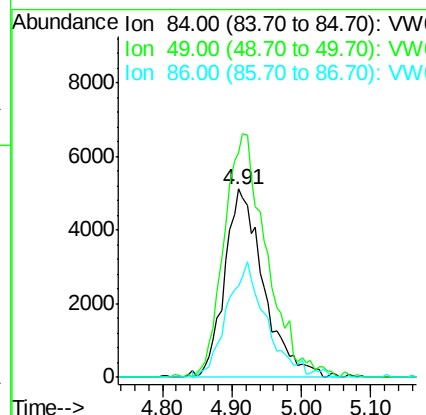
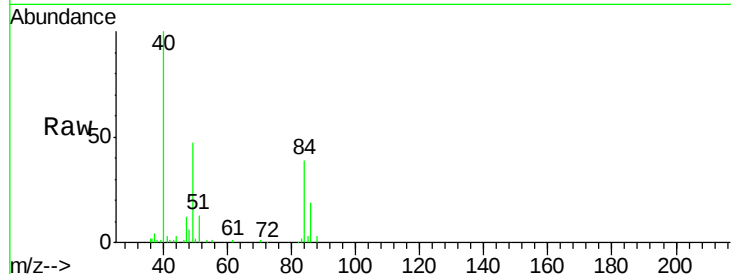
#16
Methvlene chloride
Concen: 4.210 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009476.D
Acq: 26 Mar 2019 21:21

Instrument :
MSVOA_W
ClientSampled :
BF5M1

Tot Ion	Ratio	Lower	Upper
84	100		
49	118.9	96.0	178.2
86	48.1	44.4	82.5

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#21
2-Butanone
Concen: 18.479 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009476.D
Acq: 26 Mar 2019 21:21

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.3	13.1	39.1

