

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
 Data File : VW009176.D
 Acq On : 14 Mar 2019 18:24
 Operator : SY/VA
 Sample : K1794-08
 Misc : 3.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5N8

Manual Integrations
 APPROVED

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 3/15/2019 12:30:05 PM

Quant Time: Mar 15 07:05:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:53:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	424620	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366295	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135399	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	155227	30.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.36%
7) Chloroethane-d5	2.89	69	144534	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.36%
10) 1,1-Dichloroethene-d2	4.01	63	233541	21.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.16%
20) 2-Butanone-d5	7.07	46	91457	43.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.16%
24) Chloroform-d	7.64	84	288219	24.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	8.30	65	177896	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	8.27	84	560797	27.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.04%
33) 1,2-Dichloropropane-d6	9.27	67	169850	27.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.96%
37) Toluene-d8	10.32	98	487930	26.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.48%
38) trans-1,3-Dichloropropene-	10.58	79	75582	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.20%
39) 2-Hexanone-d5	10.93	63	70862	48.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139139	23.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	126509	24.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.48%

Target Compounds					Ovalue
13) Acetone	4.12	43	4310m	2.505	ug/L
16) Methylene chloride	4.92	84	12180m	1.967	ug/L
21) 2-Butanone	7.13	43	8770m	3.691	ug/L

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

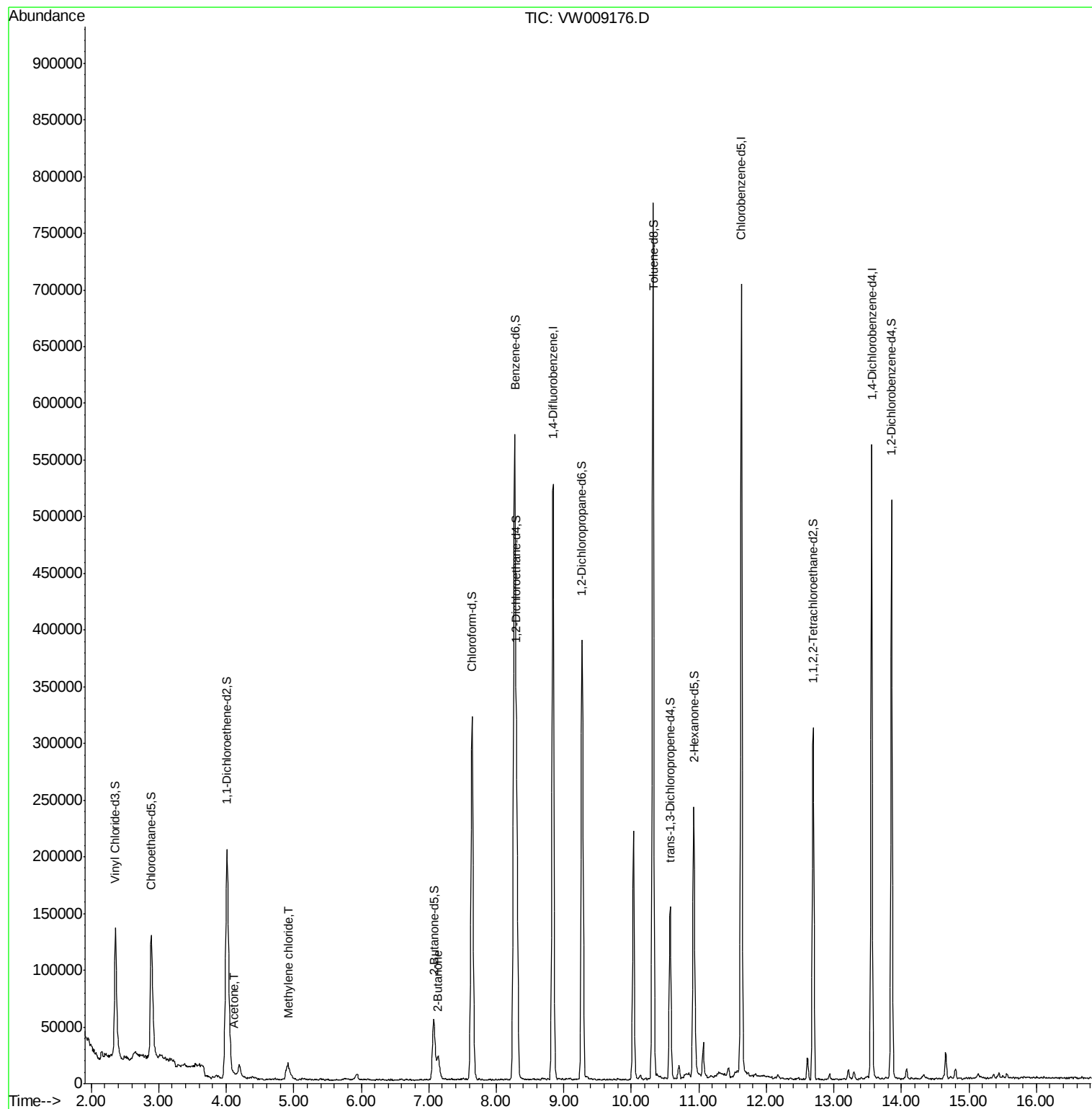
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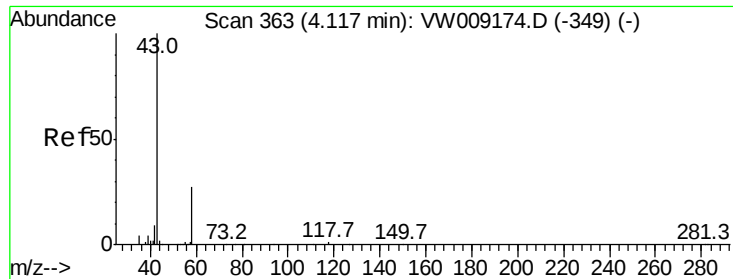
Instrument :
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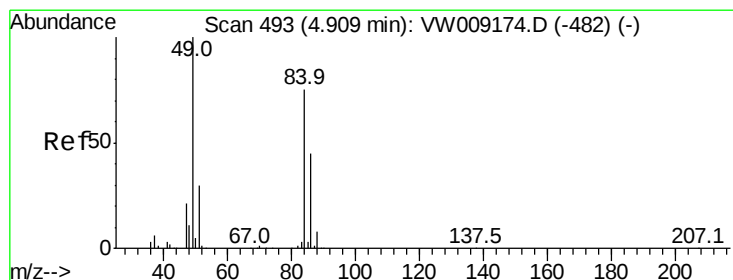
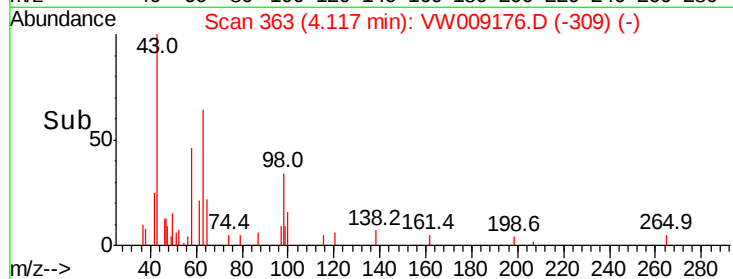
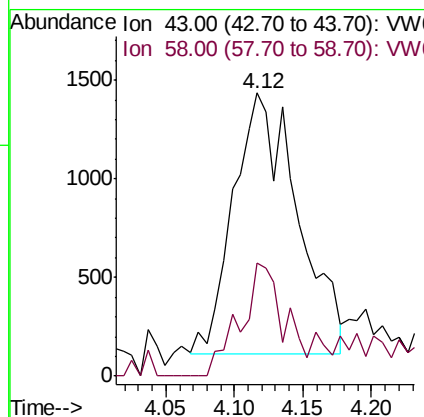
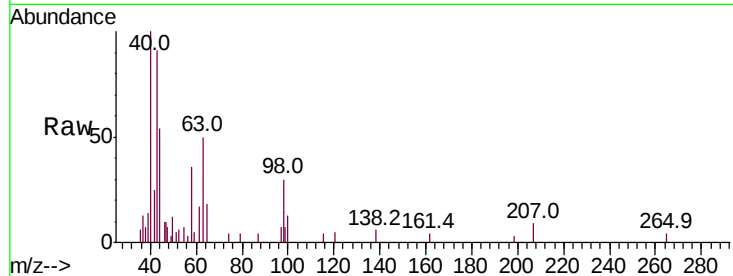
#13
Acetone
Concen: 2.505 ug/L m
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW009176.D
Acq: 14 Mar 2019 18:24

Instrument :
MSVOA_W
ClientSampleId :
BF5N8

Tot Ion	Ratio	Lower	Upper
43	100		
58	17.1	0.0	56.2

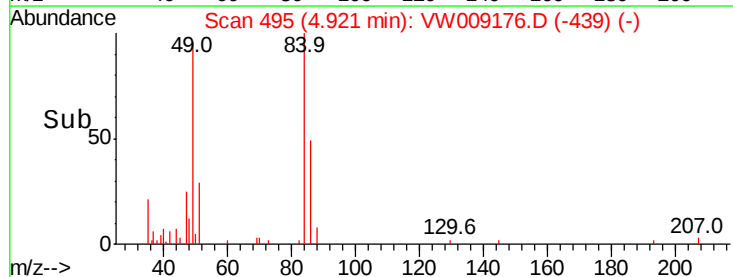
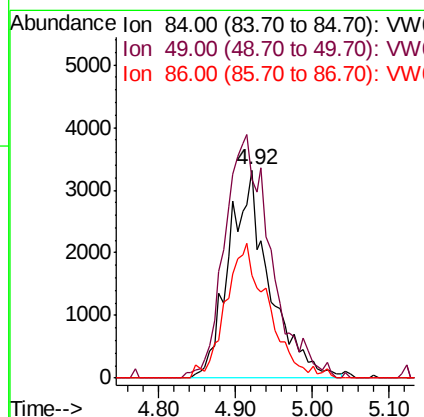
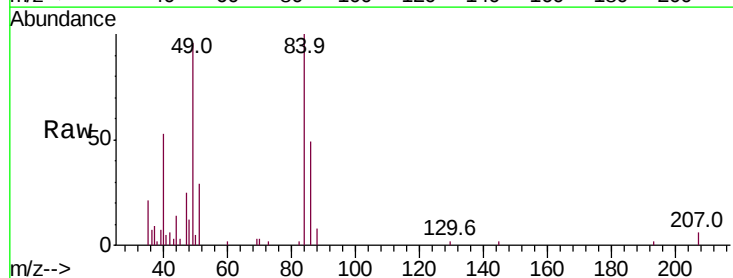
Manual Integrations
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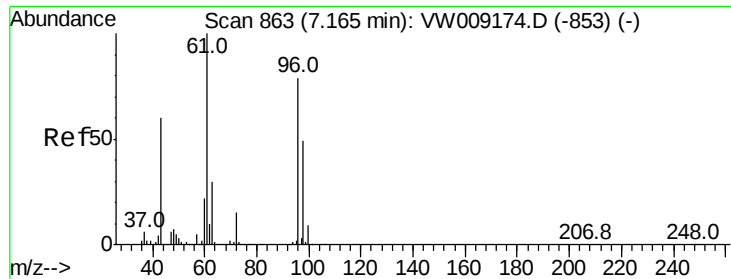
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#16
Methylene chloride
Concen: 1.967 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009176.D
Acq: 14 Mar 2019 18:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	95.7	96.0	178.2#
86	49.4	44.4	82.5





#21
 2-Butanone
 Concen: 3.691 ug/L m
 RT: 7.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: VW009176.D
 Acq: 14 Mar 2019 18:24

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5N8

Tot Ion: 43 Resp: 8770
 Ion Ratio Lower Upper
 43 100
 72 1.3 13.1 39.1#

Manual Integrations
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