

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016914.D
 Acq On : 15 Oct 2020 16:09
 Operator : SY/VA
 Sample : L4421-18
 Misc : 5.55G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG1A4

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:00:16 AM

Quant Time: Oct 16 08:55:19 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	8.85	114	588265	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	521213	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	232850	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	134019	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
7) Chloroethane-d5	2.89	69	115911	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
10) 1,1-Dichloroethene-d2	4.02	63	205934	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	7.09	46	60323	45.89	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.78%
24) Chloroform-d	7.65	84	304355	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.31	65	151788	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.28%
29) Benzene-d6	8.27	84	621385	26.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.00%
33) 1,2-Dichloropropane-d6	9.27	67	170032	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.92%
37) Toluene-d8	10.33	98	569368	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.96%
38) trans-1,3-Dichloropropene-	10.58	79	65685	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.64%
39) 2-Hexanone-d5	10.93	63	51021	51.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128830	25.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	195617	26.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.96%

Target Compounds

					Ovalue
13) Acetone	4.15	43	3526m	3.545	ug/L
16) Methylene chloride	4.92	84	22204	2.735	ug/L
47) Tetrachloroethene	10.87	164	68499	9.332	ug/L

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

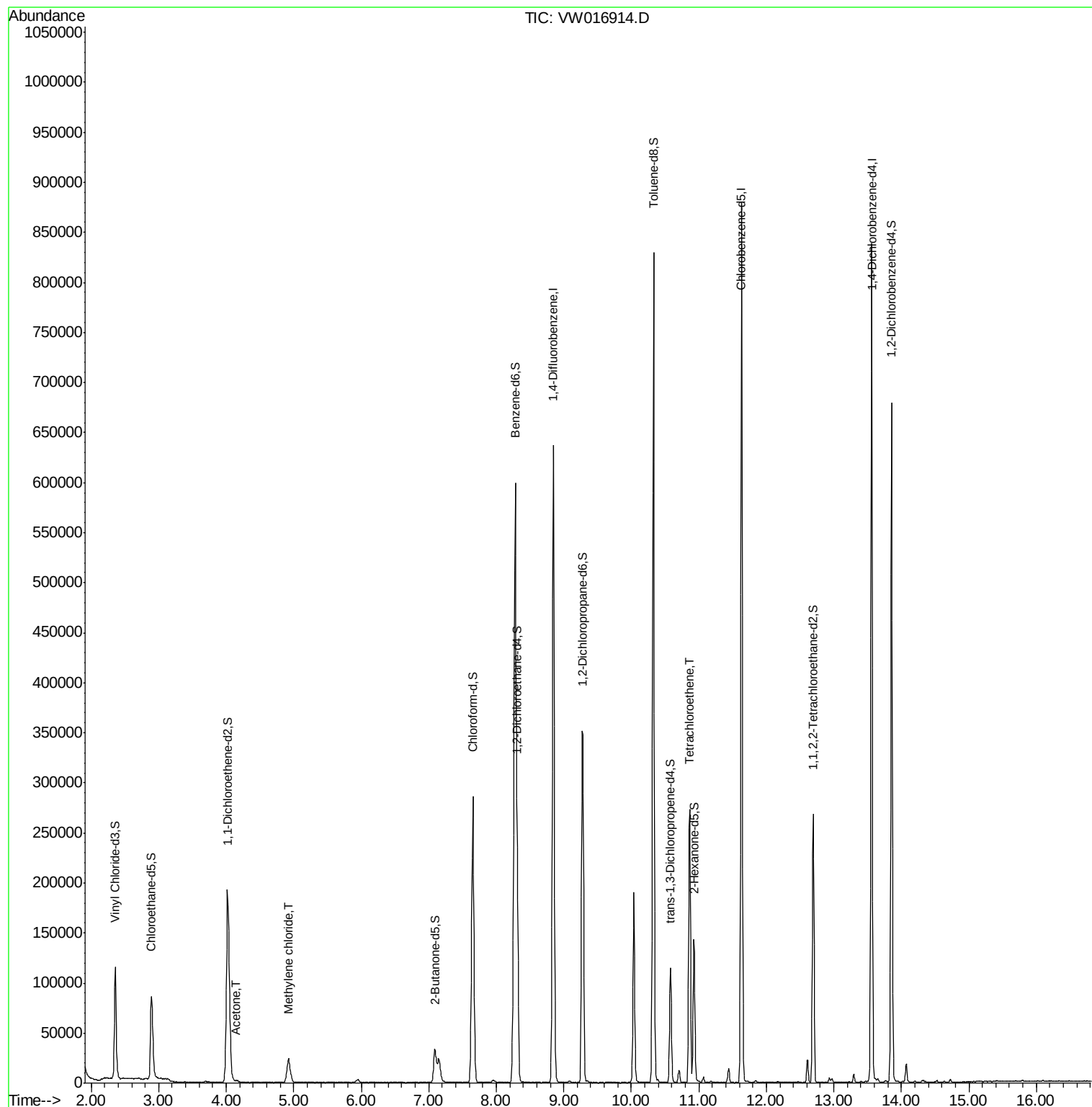
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101620\
Data File : VW016914.D
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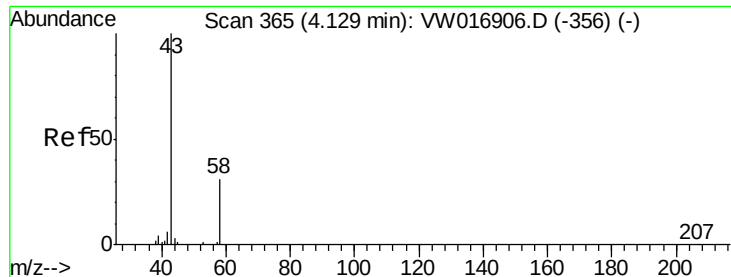
Instrument :
MSVOA_W
ClientSampleId :
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QLast Update : Fri Oct 16 08:07:29 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.545 ug/L m

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016914.D

Acq: 15 Oct 2020 16:09

Instrument :

MSVOA_W

ClientSampled :

BG1A4

Tot Ion: 43 Resp: 3526

Ion Ratio Lower Upper

43 100

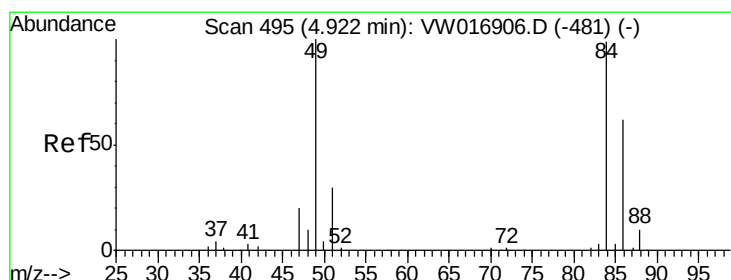
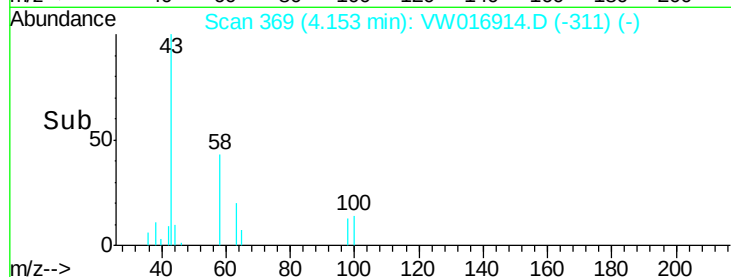
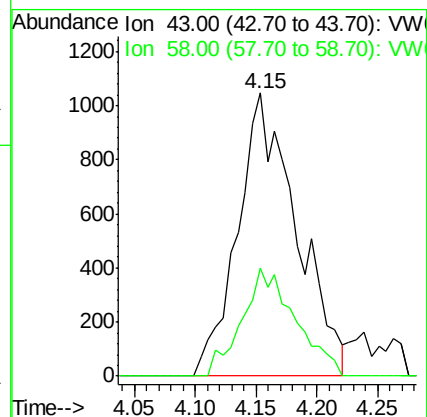
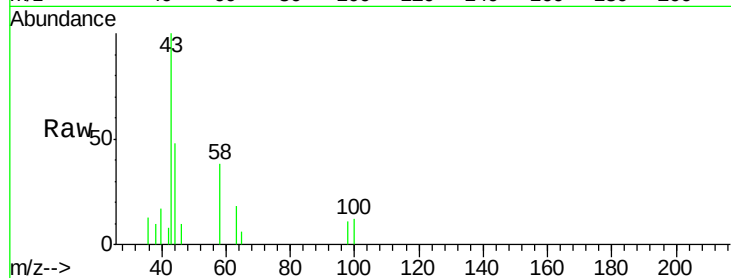
58 32.7 0.0 67.6

Manual Integrations

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10/19/2020 11:00:16 AM



#16

Methylene chloride

Concen: 2.735 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016914.D

Acq: 15 Oct 2020 16:09

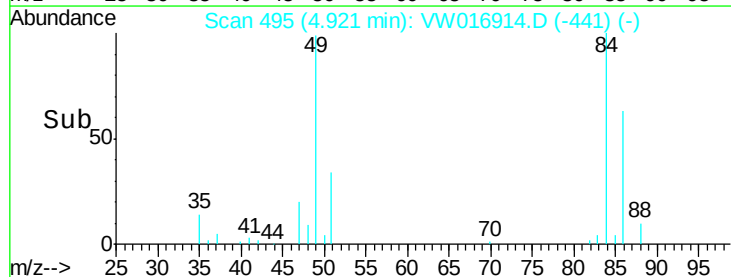
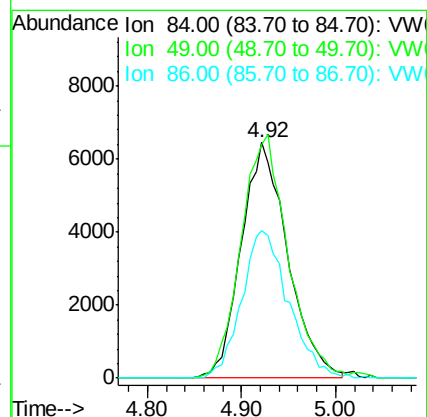
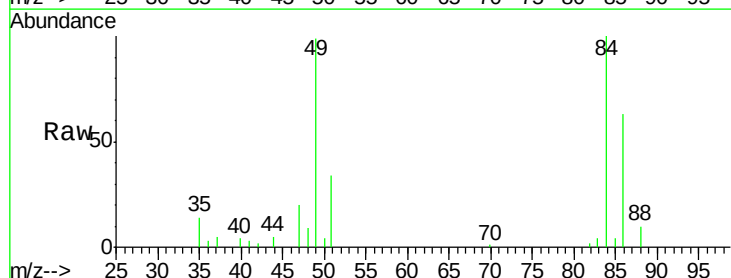
Tgt Ion: 84 Resp: 22204

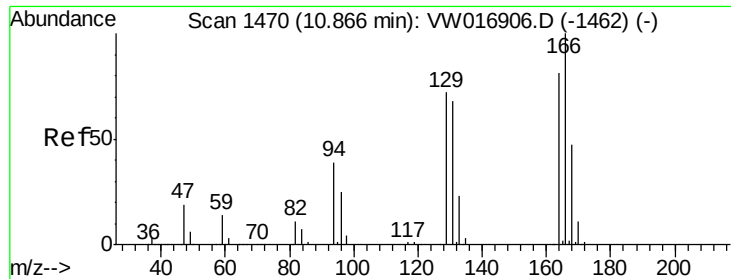
Ion Ratio Lower Upper

84 100

49 99.2 73.1 135.8

86 62.7 46.0 85.4





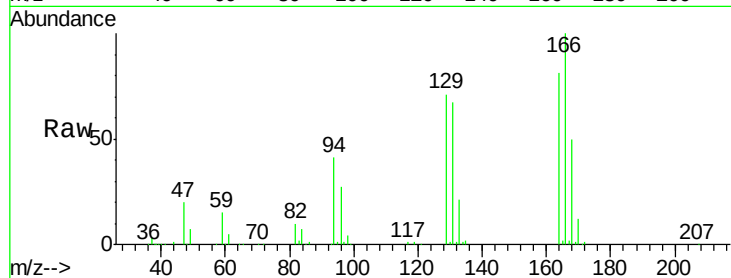
#47
Tetrachloroethene
Concen: 9.332 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016914.D
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Tot Ion:	164	Resp:	68499
Ion Ratio	Lower	Upper	
164	100		
129	87.9	61.7	114.7
131	83.4	59.7	110.9
166	123.9	88.3	164.1

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Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

