

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016916.D
 Acq On : 15 Oct 2020 16:56
 Operator : SY/VA
 Sample : L4421-20
 Misc : 6.52G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG1A8

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:00:21 AM

Quant Time: Oct 16 09:01:12 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	559281	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	480697	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198110	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106087	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.92%
7) Chloroethane-d5	2.90	69	90868	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.52%
10) 1,1-Dichloroethene-d2	4.03	63	159499	13.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.44%
20) 2-Butanone-d5	7.09	46	44161	35.34	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.68%
24) Chloroform-d	7.65	84	236551	20.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.16%
26) 1,2-Dichloroethane-d4	8.31	65	116095	20.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.48%
29) Benzene-d6	8.28	84	476500	21.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.32%
33) 1,2-Dichloropropane-d6	9.27	67	132459	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.32	98	432982	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.08%
38) trans-1,3-Dichloropropene-	10.58	79	47679	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.72%
39) 2-Hexanone-d5	10.93	63	36363	40.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94690	19.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	135618	21.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.32%

Target Compounds					Ovalue
13) Acetone	4.16	43	2924m	3.092	ug/L
16) Methylene chloride	4.93	84	22925	2.970	ug/L
47) Tetrachloroethene	10.87	164	161325	23.831	ug/L

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

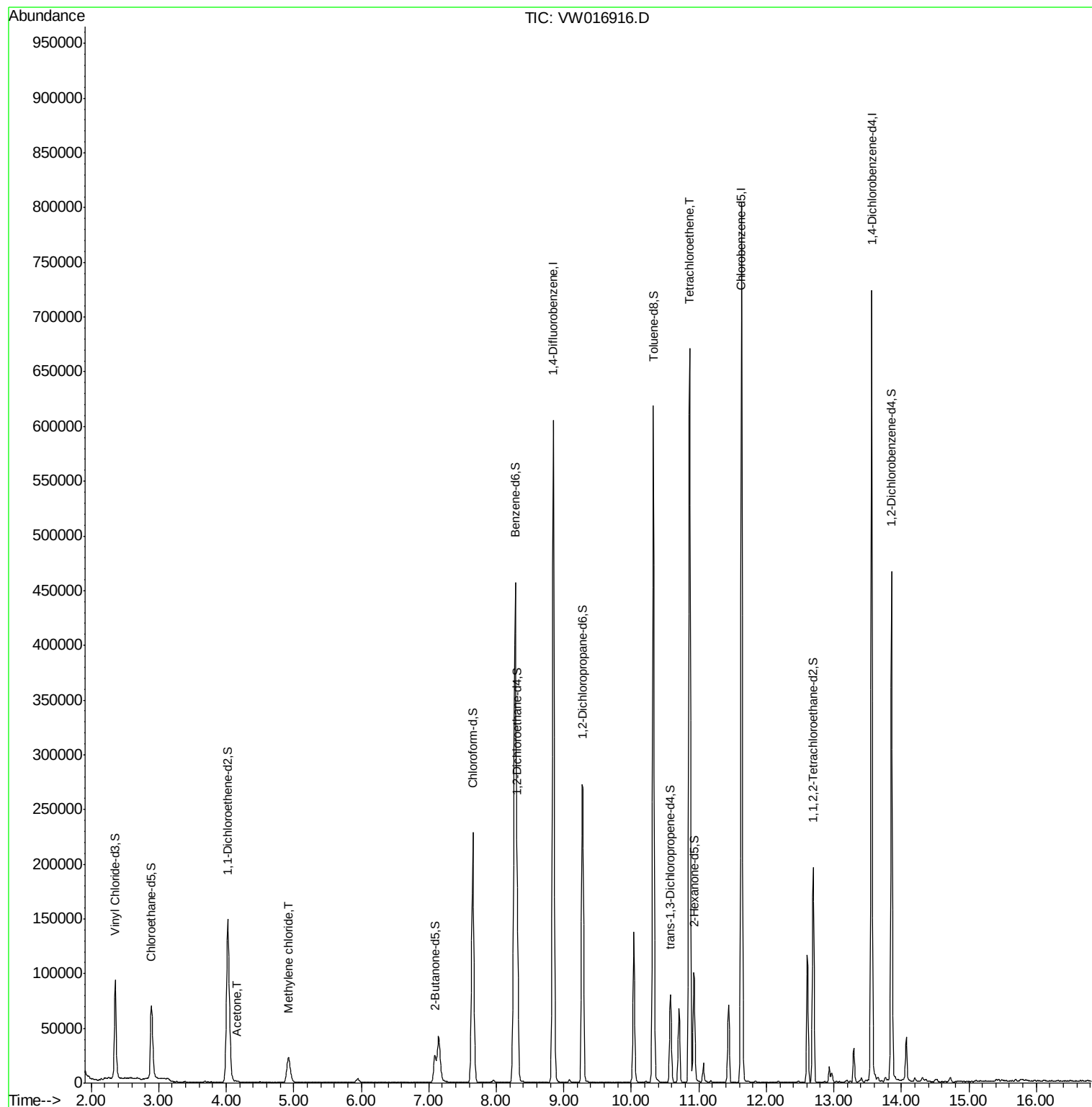
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101620\
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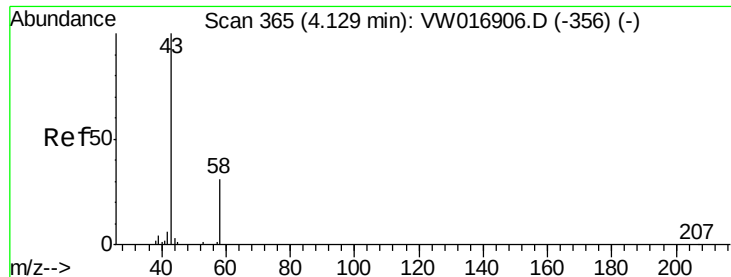
Instrument :
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Response via : Initial Calibration





#13

Acetone

Concen: 3.092 ug/L m

RT: 4.16 min Scan# 370

Delta R.T. 0.03 min

Lab File: VW016916.D

Acq: 15 Oct 2020 16:56

Instrument :

MSVOA_W

ClientSampled :

BG1A8

Tot Ion: 43 Resp: 2924

Ion Ratio Lower Upper

43 100

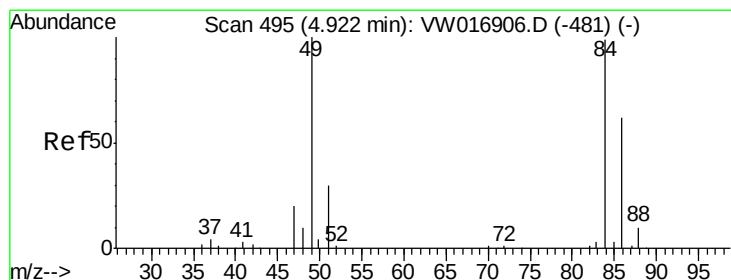
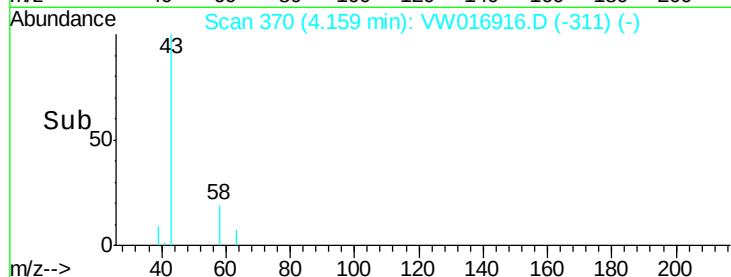
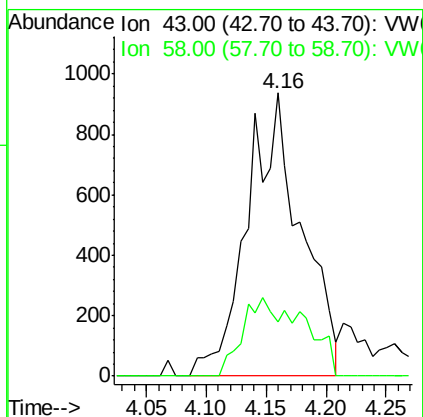
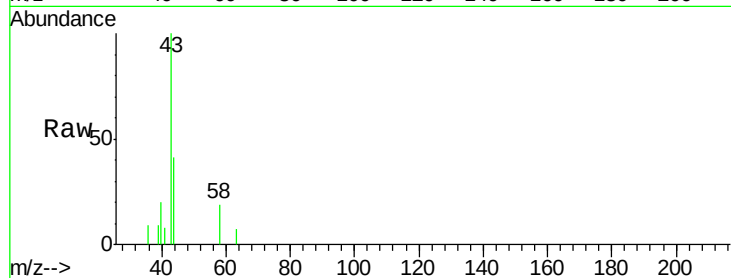
58 17.1 0.0 67.6

Manual Integrations

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#16

Methylene chloride

Concen: 2.970 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016916.D

Acq: 15 Oct 2020 16:56

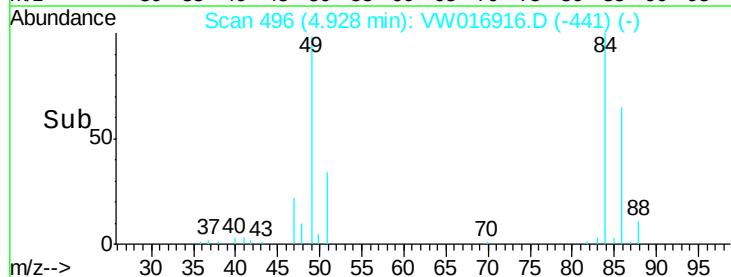
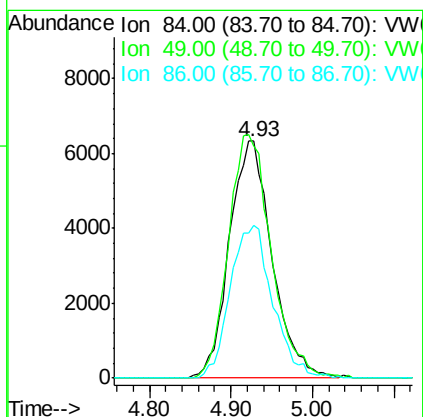
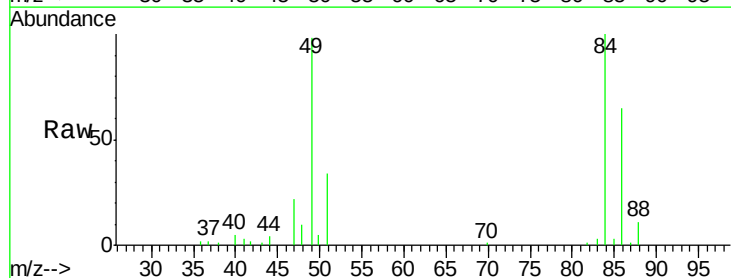
Tgt Ion: 84 Resp: 22925

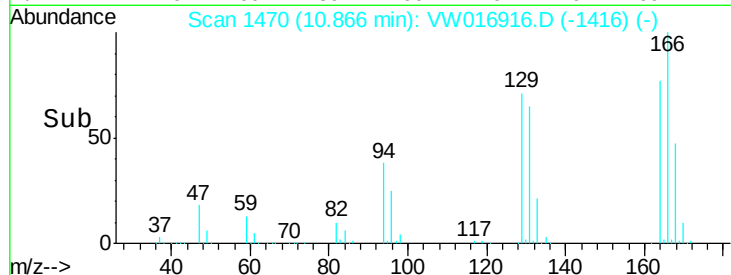
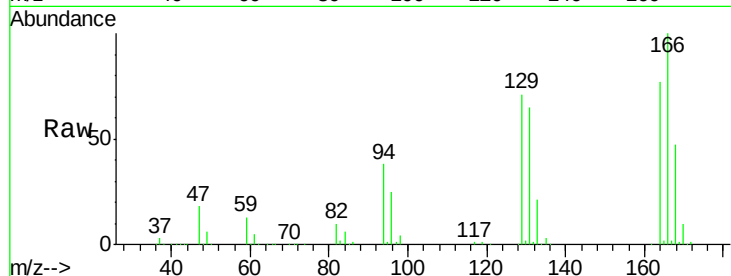
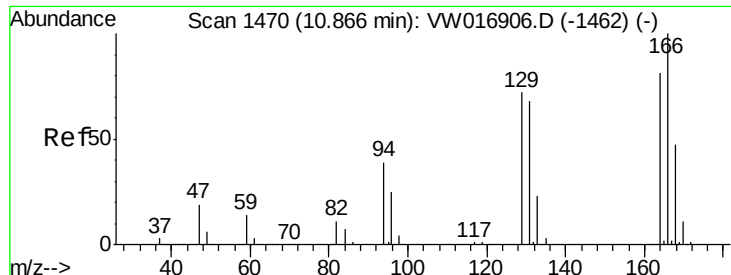
Ion Ratio Lower Upper

84 100

49 98.1 73.1 135.8

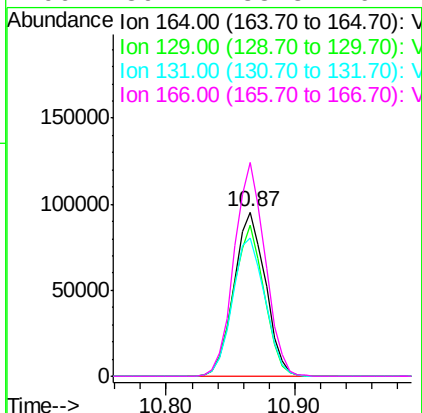
86 64.6 46.0 85.4





#47
Tetrachloroethene
Concen: 23.831 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016916.D
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Tot Ion	Ratio	Resp	Lower	Upper
164	100	161325		
129	92.4	61.7	114.7	
131	84.1	59.7	110.9	
166	130.2	88.3	164.1	



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