

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016912.D
 Acq On : 15 Oct 2020 15:22
 Operator : SY/VA
 Sample : L4421-16
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG1A2

Manual Integrations
 APPROVED

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 10/19/2020 11:00:09 AM

Quant Time: Oct 16 08:37:53 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	573397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	517484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241720	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127221	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
7) Chloroethane-d5	2.89	69	109947	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.68%
10) 1,1-Dichloroethene-d2	4.03	63	197251	16.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.68%
20) 2-Butanone-d5	7.09	46	65829	51.38	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.76%
24) Chloroform-d	7.65	84	300125	24.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	8.31	65	153075	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.76%
29) Benzene-d6	8.28	84	599100	25.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.96%
33) 1,2-Dichloropropane-d6	9.27	67	169023	26.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.04%
37) Toluene-d8	10.33	98	555786	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	10.58	79	68789	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.76%
39) 2-Hexanone-d5	10.93	63	55050	56.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138711	27.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	212123	27.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.68%

Target Compounds					Ovalue
13) Acetone	4.16	43	4115m	4.244 ug/L	
16) Methylene chloride	4.92	84	20458	2.585 ug/L	91
47) Tetrachloroethene	10.87	164	19605	2.690 ug/L	98

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

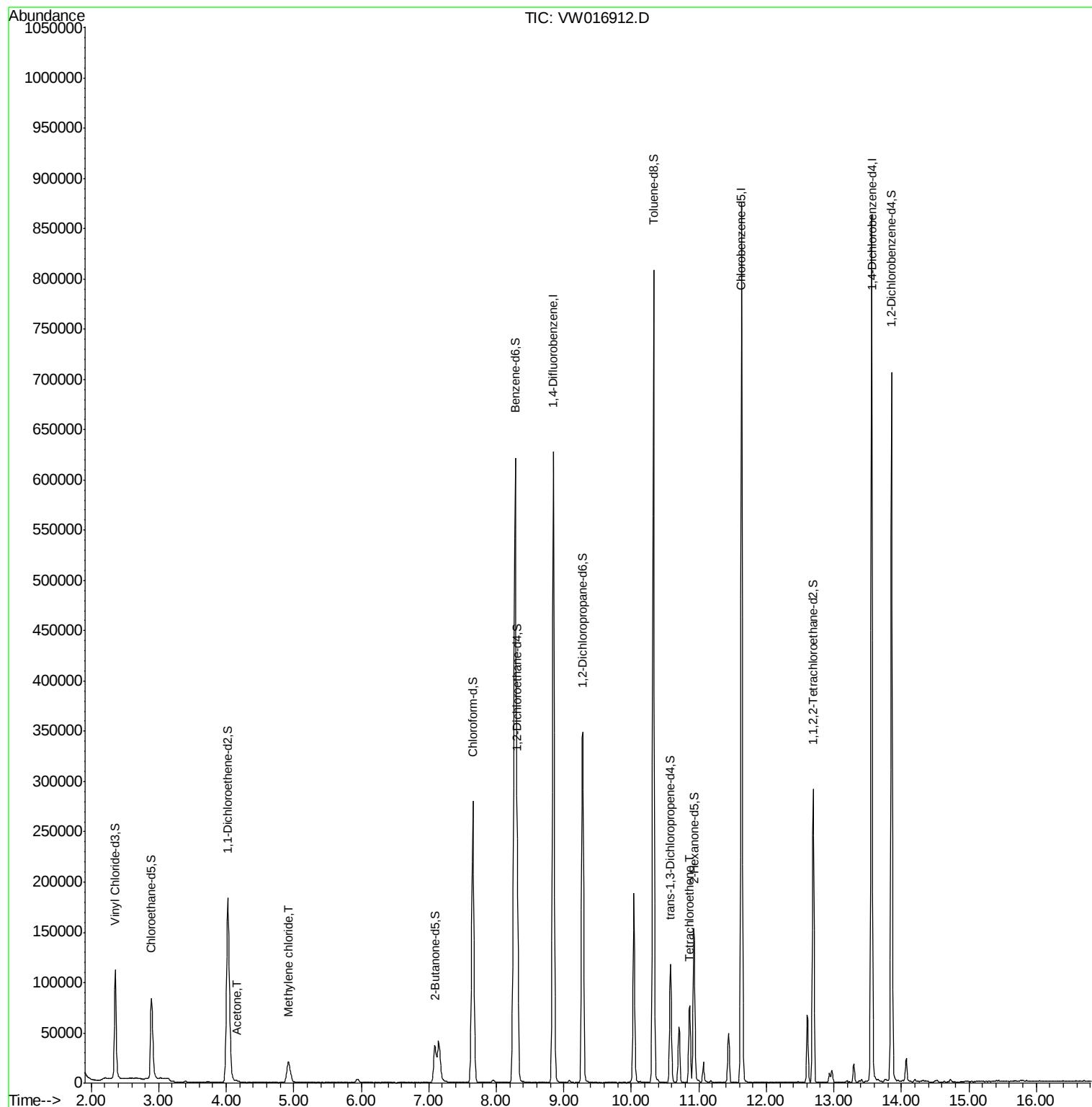
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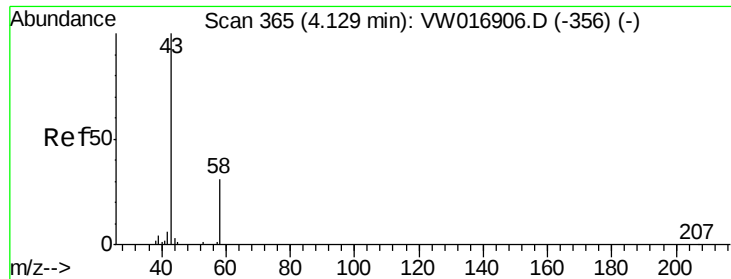
Instrument :
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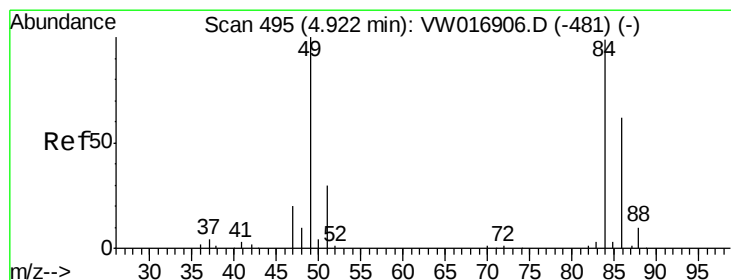
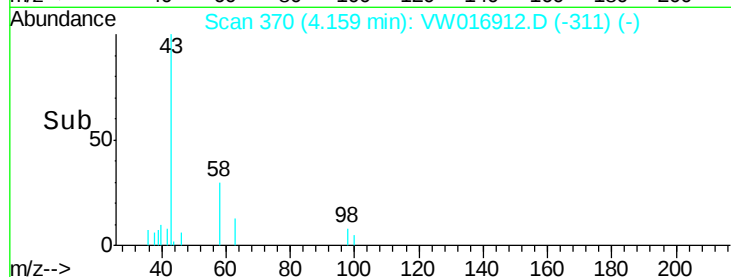
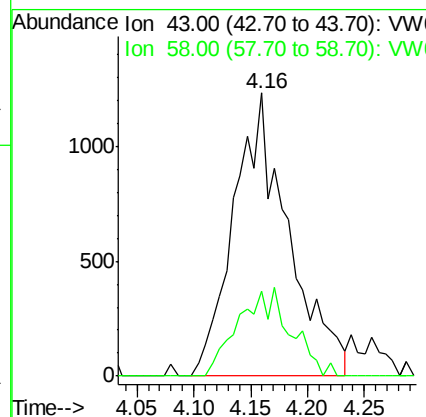
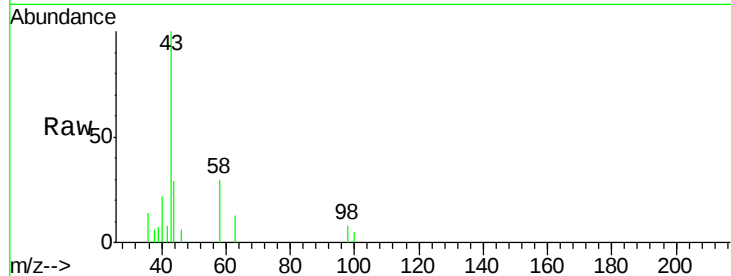
#13
Acetone
Concen: 4.244 ug/L m
RT: 4.16 min Scan# 370
Delta R.T. 0.03 min
Lab File: VW016912.D
Acq: 15 Oct 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
BG1A2

Tot Ion	Ratio	Lower	Upper
43	100		
58	11.9	0.0	67.6

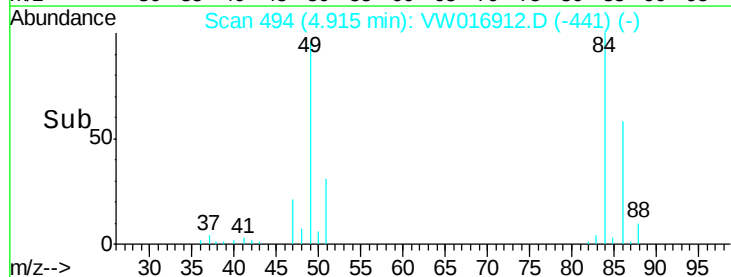
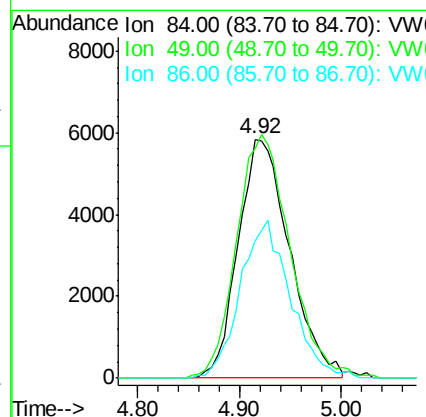
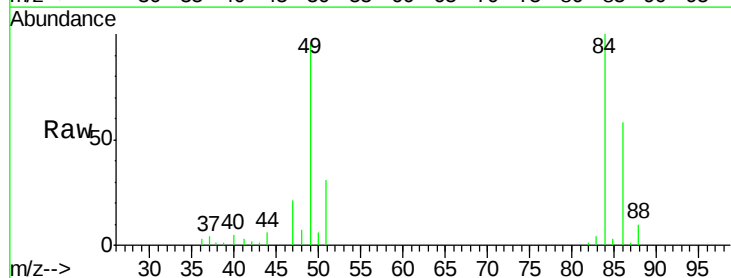
Manual Integrations
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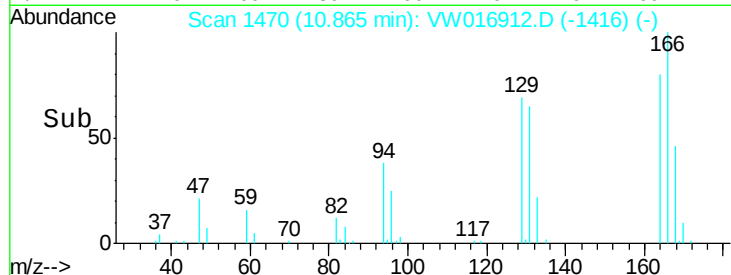
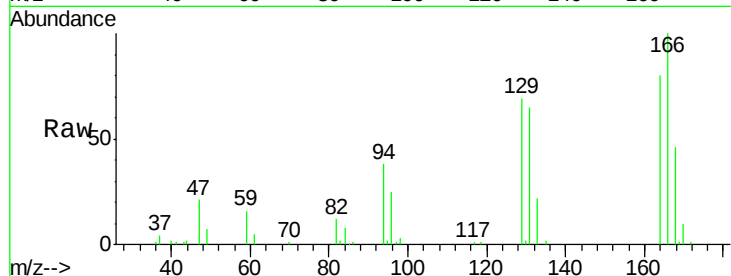
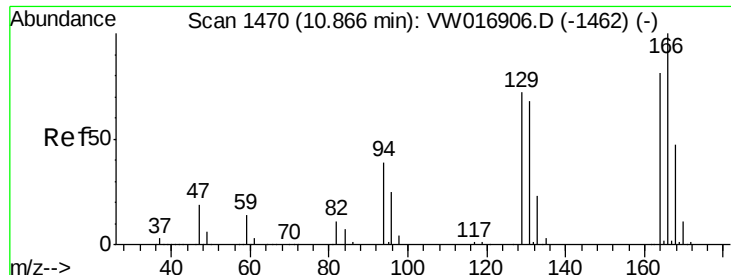
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#16
Methylene chloride
Concen: 2.585 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016912.D
Acq: 15 Oct 2020 15:22

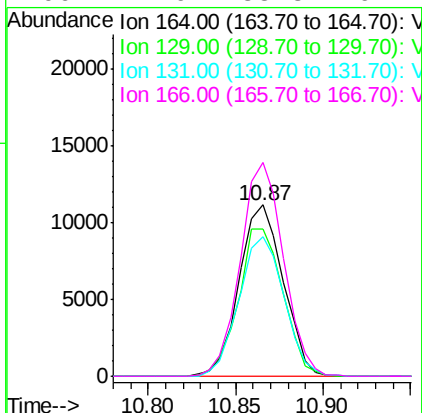
Tgt Ion	Ratio	Lower	Upper
84	100		
49	96.2	73.1	135.8
86	57.7	46.0	85.4





#47
Tetrachloroethene
Concen: 2.690 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016912.D
Acq: 15 Oct 2020 15:22

Tot Ion	Ratio	Lower	Upper
164	100		
129	86.3	61.7	114.7
131	81.6	59.7	110.9
166	124.9	88.3	164.1



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