

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016915.D
 Acq On : 15 Oct 2020 16:33
 Operator : SY/VA
 Sample : L4421-19
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG1A5

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:00:18 AM

Quant Time: Oct 16 08:58:20 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	549977	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	506043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	233098	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116295	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.89	69	99626	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
10) 1,1-Dichloroethene-d2	4.02	63	177439	15.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.60%
20) 2-Butanone-d5	7.09	46	52470	42.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.40%
24) Chloroform-d	7.65	84	271641	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.31	65	134598	24.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.04%
29) Benzene-d6	8.27	84	540447	23.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.04%
33) 1,2-Dichloropropane-d6	9.27	67	151453	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	10.33	98	507436	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	10.58	79	57792	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.84%
39) 2-Hexanone-d5	10.93	63	44869	46.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113882	22.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	183429	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds					Ovalue
13) Acetone	4.15	43	3580m	3.850 ug/L	
16) Methylene chloride	4.92	84	23459	3.091 ug/L	98
47) Tetrachloroethene	10.87	164	15431	2.165 ug/L	96

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

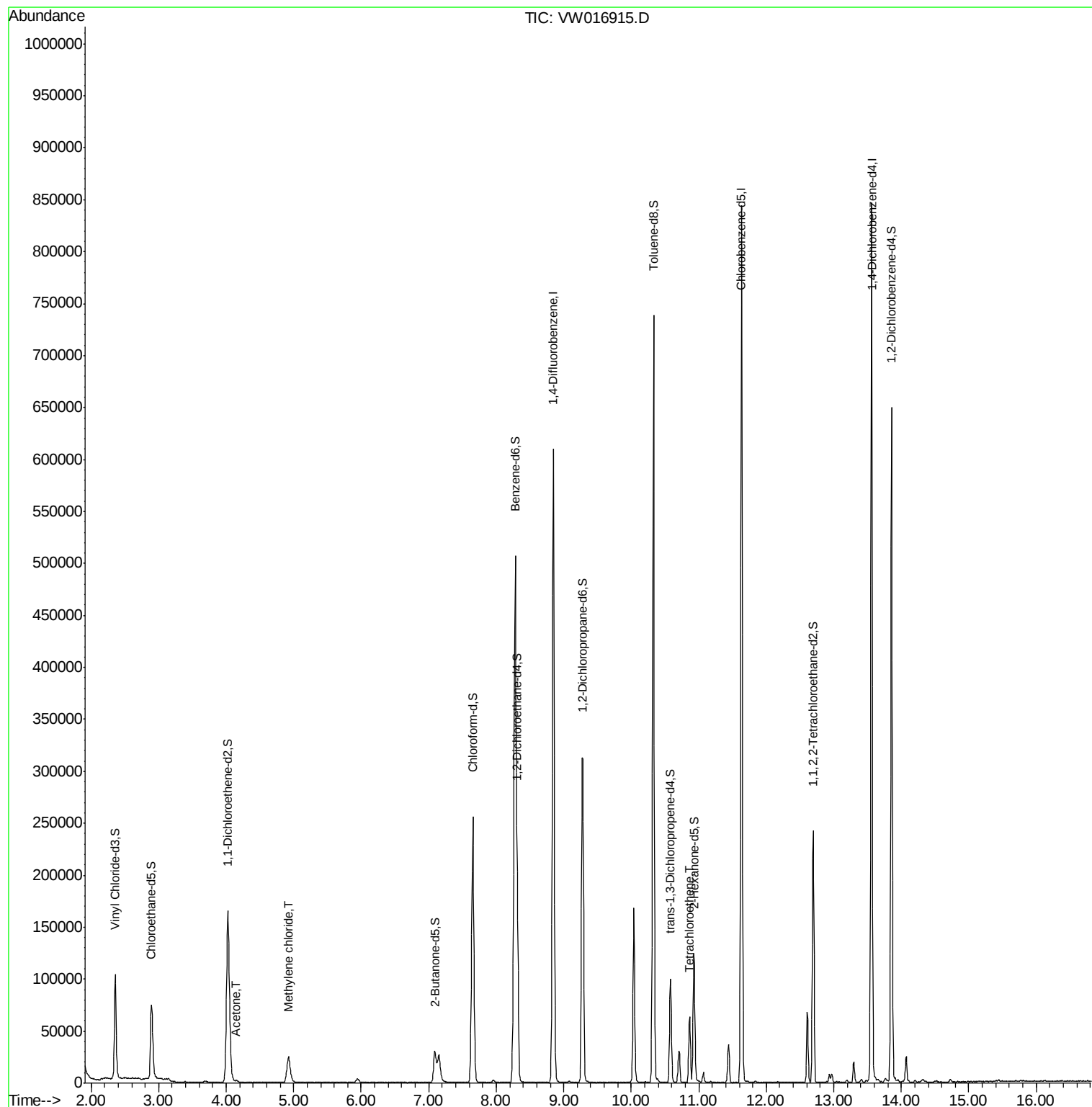
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101620\
Data File : VW016915.D
Acq On : 15 Oct 2020 16:33
Operator : SY/VA
Sample : L4421-19
Misc : 6.05G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

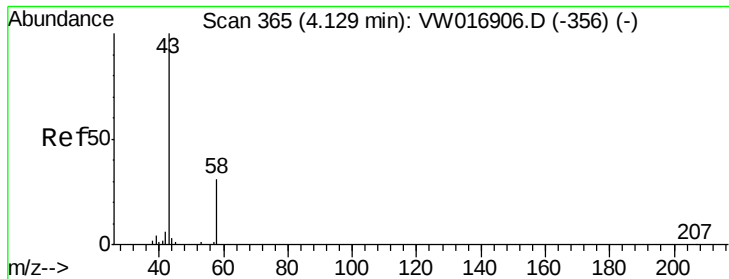
Instrument :
MSVOA_W
ClientSampleId :
BG1A5

Manual Integrations
APPROVED

MMDadoda
10/19/2020 11:00:18 AM

Quant Time: Oct 16 08:58:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 16 08:07:29 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.850 ug/L m

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016915.D

Acq: 15 Oct 2020 16:33

Instrument :

MSVOA_W

ClientSampled :

BG1A5

Tot Ion: 43 Resp: 3580

Ion Ratio Lower Upper

43 100

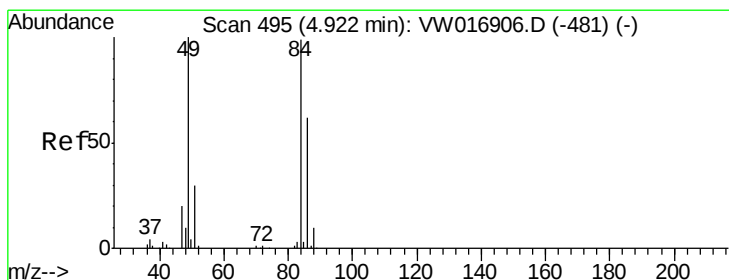
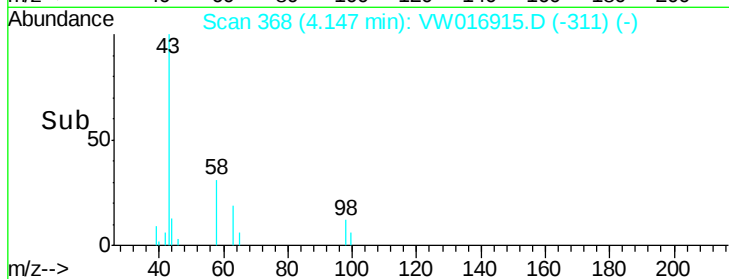
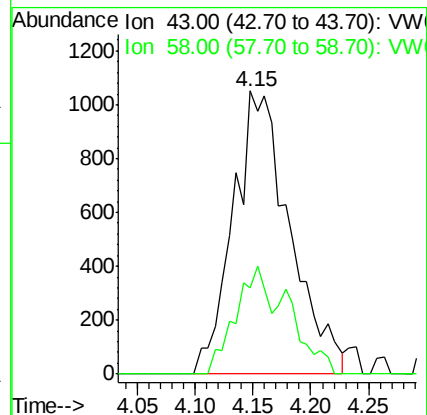
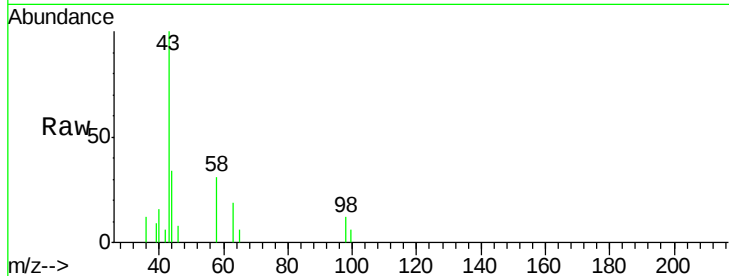
58 22.2 0.0 67.6

Manual Integrations

APPROVED

MMDadoda

10/19/2020 11:00:18 AM



#16

Methylene chloride

Concen: 3.091 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016915.D

Acq: 15 Oct 2020 16:33

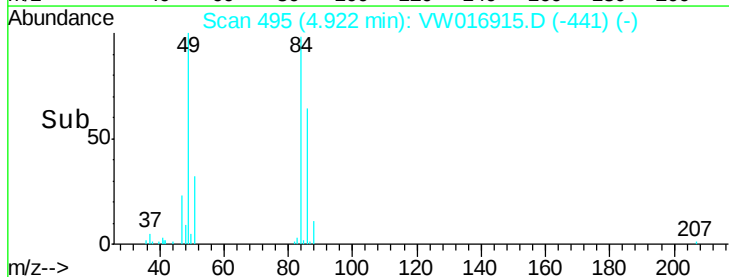
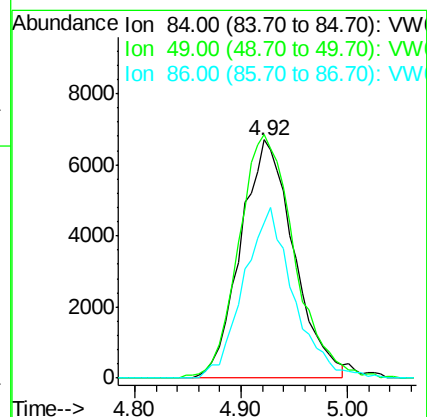
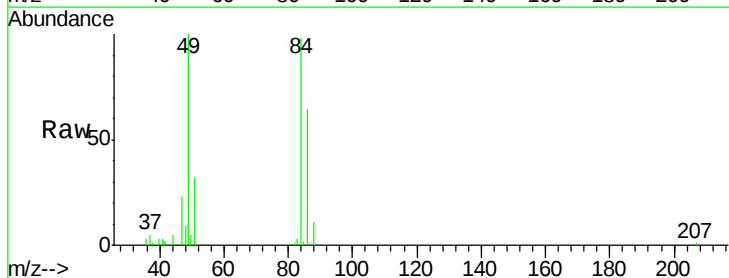
Tgt Ion: 84 Resp: 23459

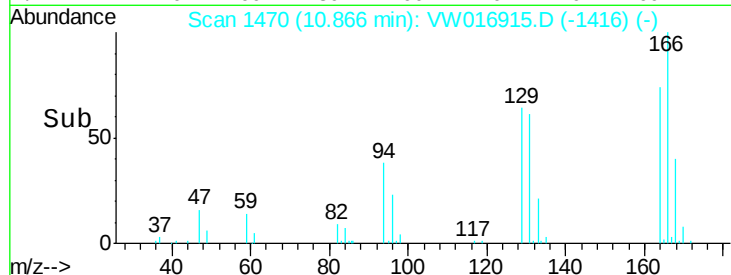
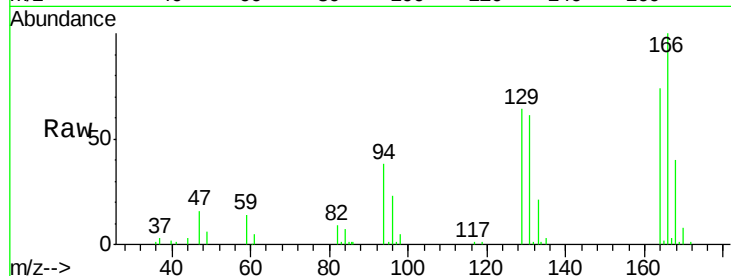
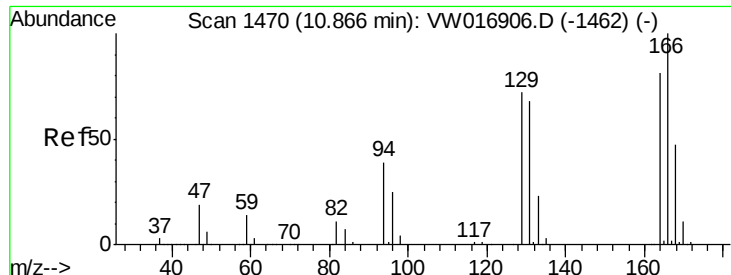
Ion Ratio Lower Upper

84 100

49 102.2 73.1 135.8

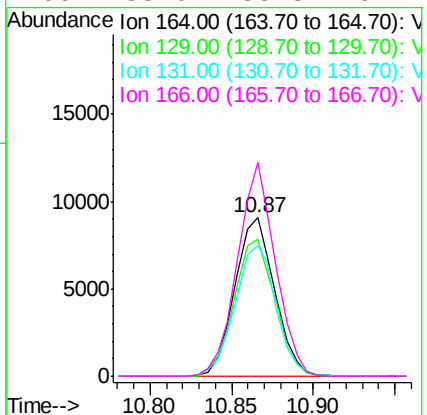
86 65.2 46.0 85.4





#47
Tetrachloroethene
Concen: 2.165 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016915.D
Acq: 15 Oct 2020 16:33

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
129	87.0		61.7	114.7
131	82.9		59.7	110.9
166	135.0		88.3	164.1



Instrument :
MSVOA_W
ClientSampleId :
BG1A5

Manual Integrations
APPROVED

MMDadoda
10/19/2020 11:00:18 AM