

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016689.D
 Acq On : 29 Sep 2020 16:15
 Operator : SY/VA
 Sample : L4184-11
 Misc : 4.63G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL5

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:43:08 PM

Quant Time: Sep 30 08:24:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	607529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190654	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	116290	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.12%
7) Chloroethane-d5	2.91	69	107457	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
10) 1,1-Dichloroethene-d2	4.03	63	194537	14.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.20%
20) 2-Butanone-d5	7.09	46	60184	37.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.08%
24) Chloroform-d	7.65	84	310470	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	8.31	65	160925	24.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.68%
29) Benzene-d6	8.28	84	584405	25.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.32%
33) 1,2-Dichloropropane-d6	9.28	67	165908	26.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.20%
37) Toluene-d8	10.33	98	544780	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.96%
38) trans-1,3-Dichloropropene-	10.59	79	65108	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.44%
39) 2-Hexanone-d5	10.93	63	49536	43.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123070	23.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	148109	24.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.24%

Target Compounds					Ovalue
13) Acetone	4.13	43	1957m	1.558 ug/L	
16) Methylene chloride	4.93	84	10036	1.071 ug/L	92
68) 1,2,4-trichlorobenzene	15.13	180	1576	0.215 ug/L	98

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

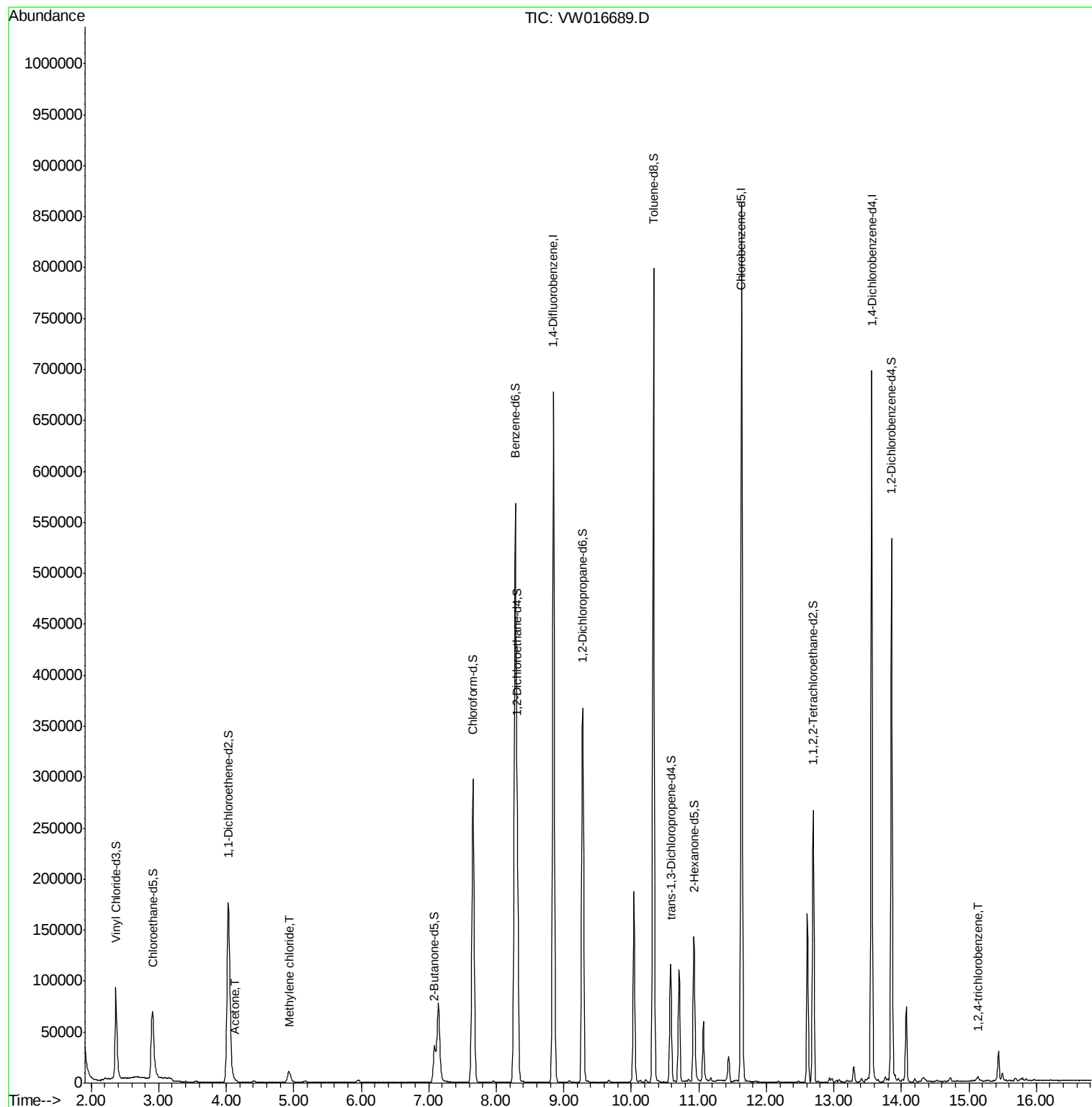
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092920\
Data File : VW016689.D
Acq On : 29 Sep 2020 16:15
Operator : SY/VA
Sample : L4184-11
Misc : 4.63G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

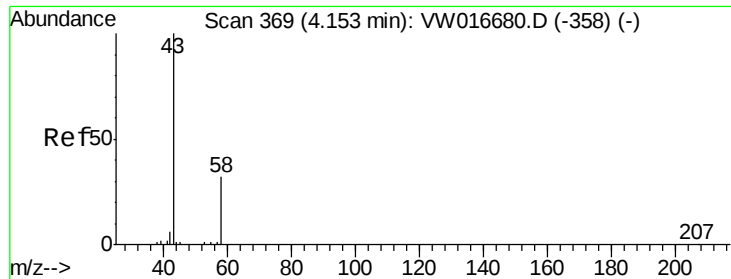
Instrument :
MSVOA_W
ClientSampleId :
C0AL5

Manual Integrations
APPROVED

MMDadoda
10/1/2020 2:43:08 PM

Quant Time: Sep 30 08:24:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.558 ug/L m

RT: 4.13 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016689.D

Acq: 29 Sep 2020 16:15

Instrument :

MSVOA_W

ClientSampleId :

C0AL5

Tot Ion: 43 Resp: 1957

Ion Ratio Lower Upper

43 100

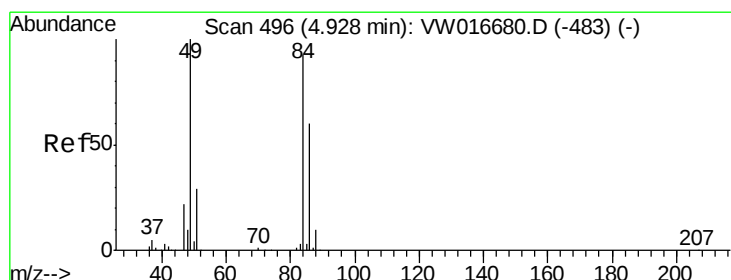
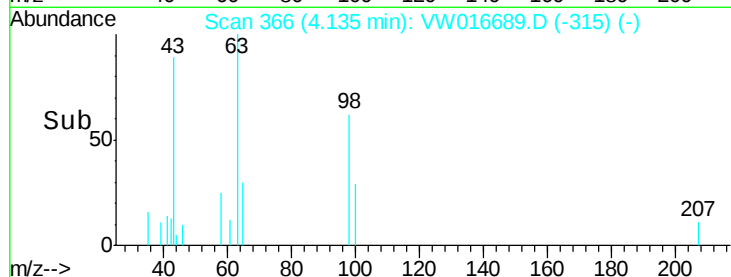
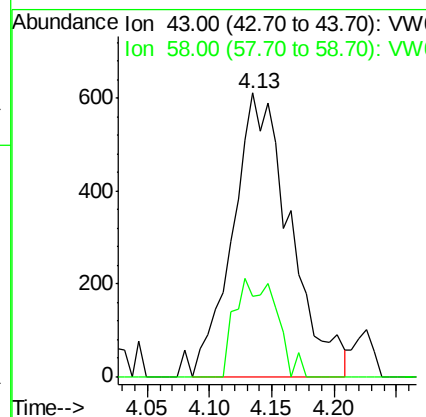
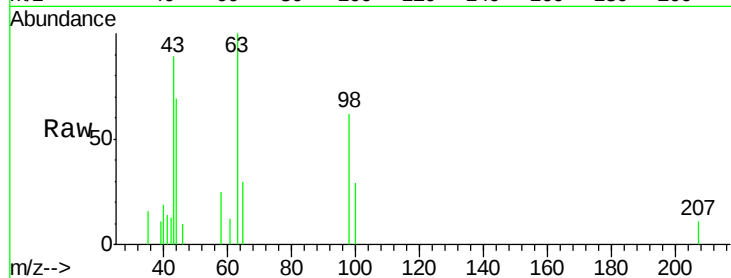
58 12.5 0.0 60.2

Manual Integrations

APPROVED

MMDadoda

10/1/2020 2:43:08 PM



#16

Methylene chloride

Concen: 1.071 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016689.D

Acq: 29 Sep 2020 16:15

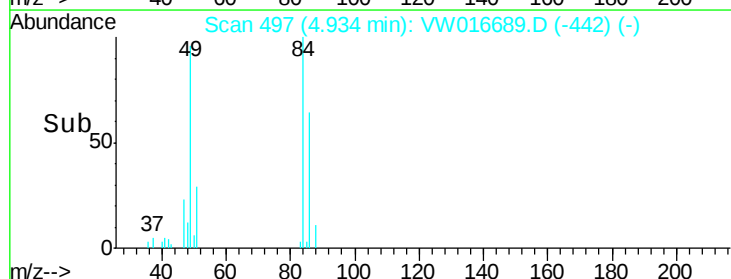
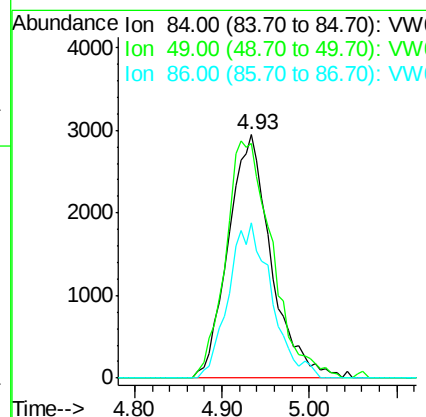
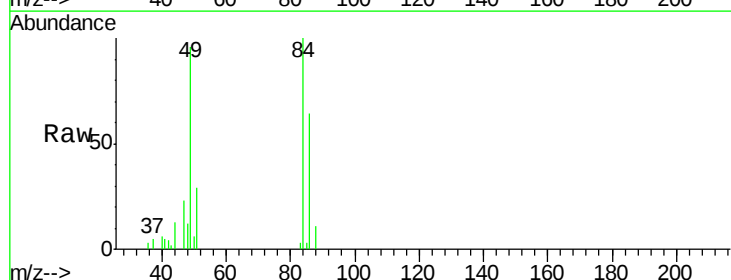
Tgt Ion: 84 Resp: 10036

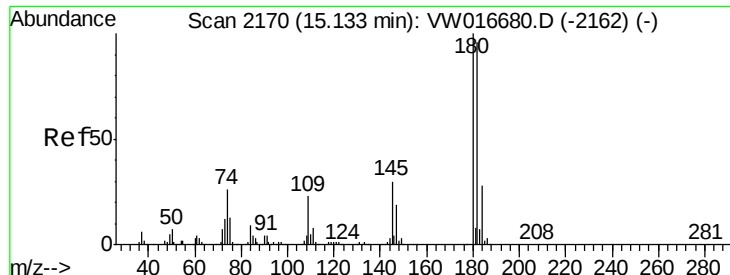
Ion Ratio Lower Upper

84 100

49 96.2 76.0 141.2

86 63.9 45.6 84.6





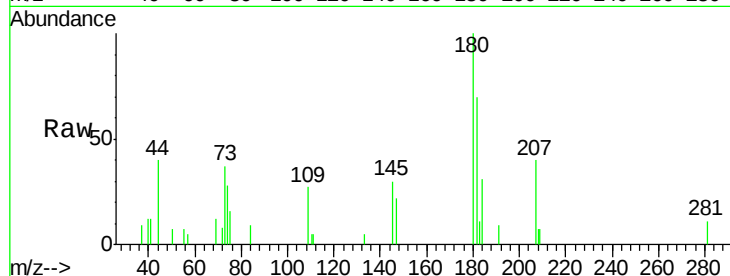
#68
 1,2,4-trichlorobenzene
 Concen: 0.215 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016689.D
 Acq: 29 Sep 2020 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL5

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	74.5	111.7
145	33.7	23.1	34.7

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:43:08 PM



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

