

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005756.D
 Acq On : 02 Oct 2018 01:31
 Operator : SY/AP
 Sample : J5181-03
 Misc : 4.78G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:20:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	264341	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	217076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	64516	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	51753	15.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.44%
7) Chloroethane-d5	2.90	69	45866	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.80%
10) 1,1-Dichloroethene-d2	4.01	63	91021	12.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.48%
20) 2-Butanone-d5	7.09	46	42723	39.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.98%
24) Chloroform-d	7.65	84	154819	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.31	65	90374	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.88%
29) Benzene-d6	8.28	84	272444	25.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.40%
33) 1,2-Dichloropropane-d6	9.28	67	91561	29.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.92%
37) Toluene-d8	10.33	98	224997	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.84%
38) trans-1,3-Dichloropropene-	10.59	79	30989	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.00%
39) 2-Hexanone-d5	10.93	63	27644	38.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	64663	21.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	50825	22.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.04%

Target Compounds

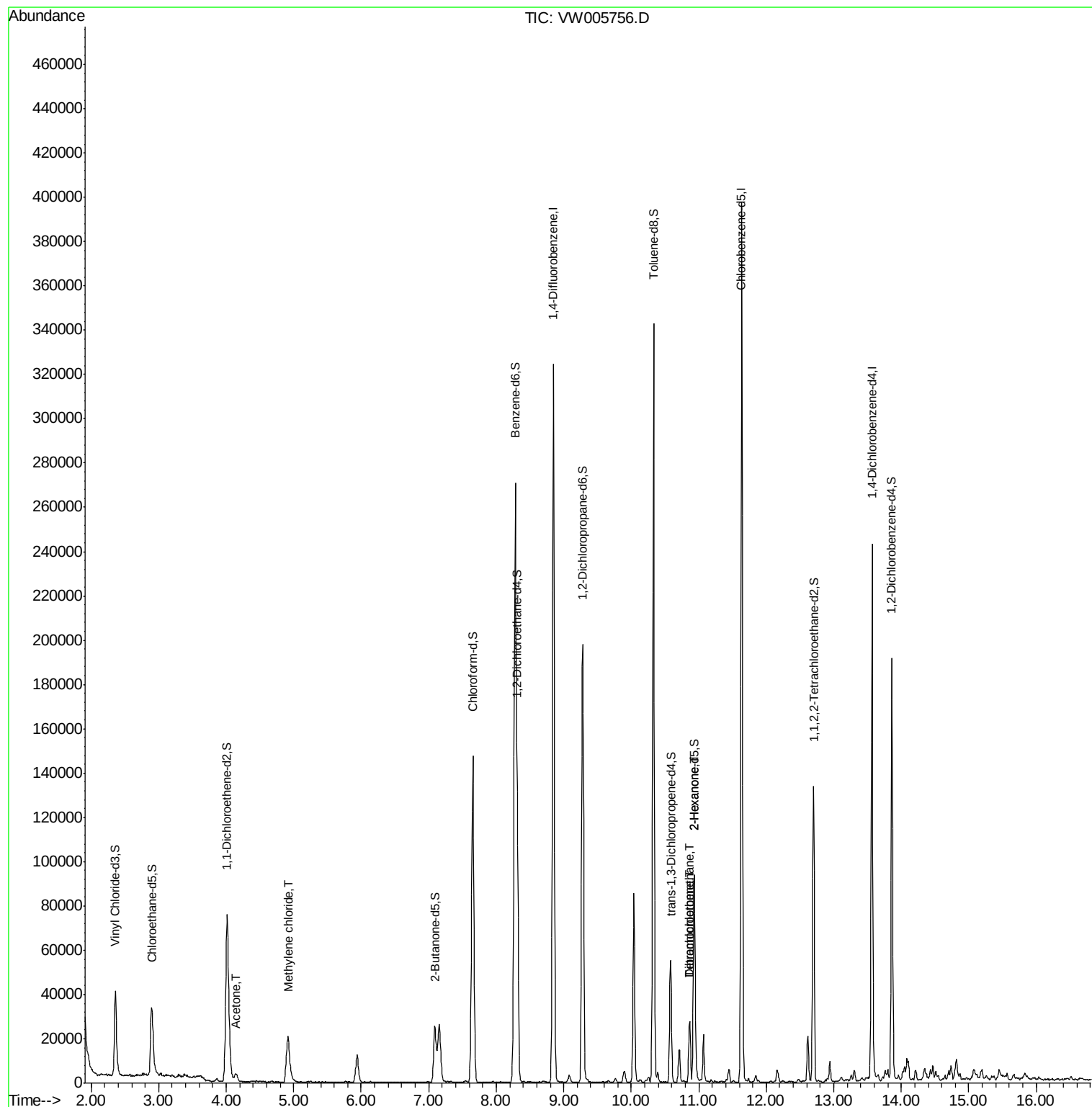
					Ovalue
13) Acetone	4.15	43	5497	4.879 ug/L	76
16) Methylene chloride	4.91	84	17432	4.000 ug/L	89
47) Tetrachloroethene	10.87	164	6299	2.179 ug/L	98
49) 2-Hexanone	10.93	43	4254	2.484 ug/L #	37
50) Dibromochloromethane	10.87	129	6152	1.967 ug/L #	13

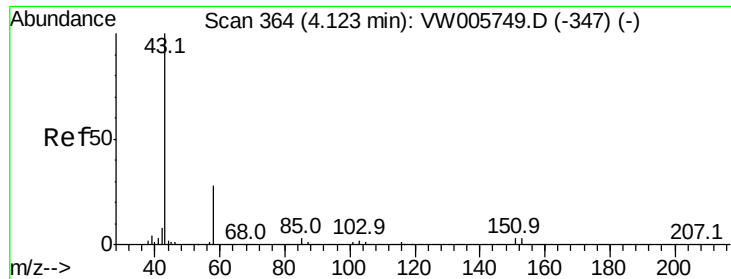
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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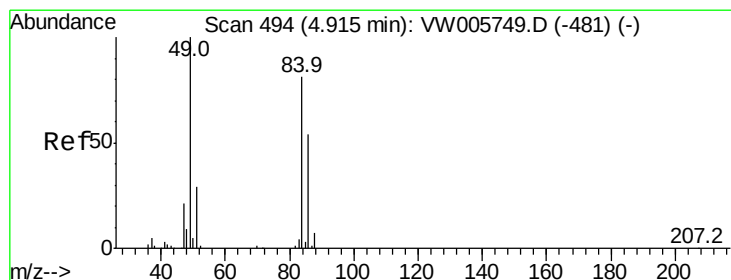
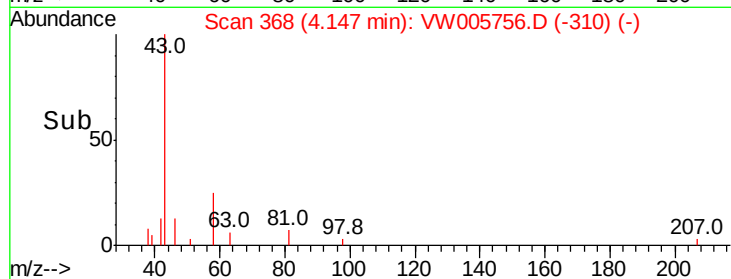
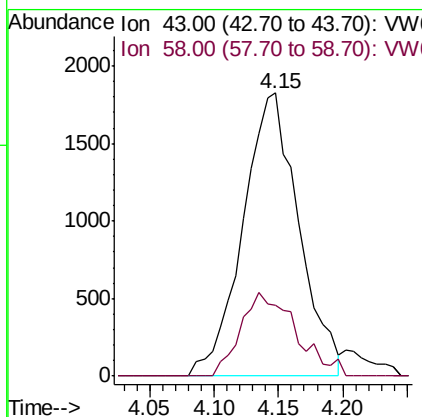
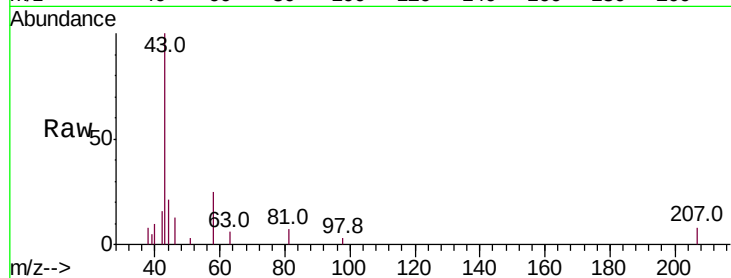




#13
Acetone
Concen: 4.879 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW005756.D
Acq: 02 Oct 2018 01:31

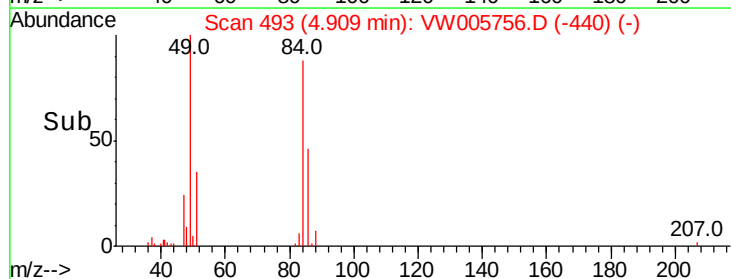
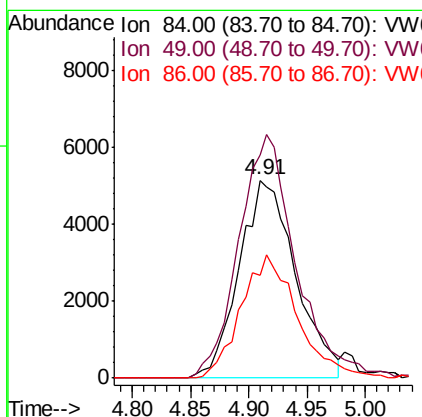
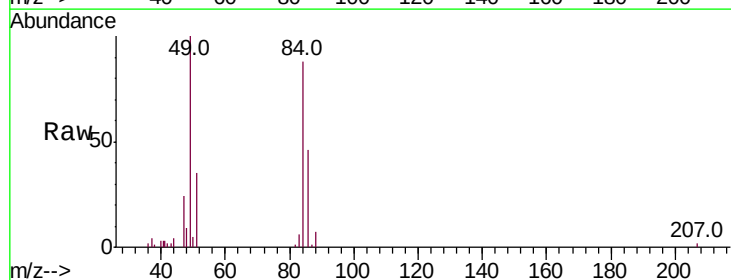
Instrument :
MSVOA_W
ClientSampled :

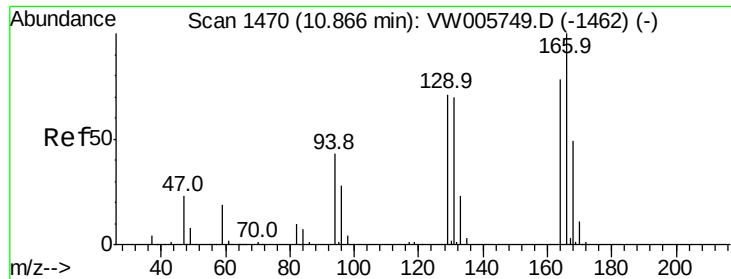
Tot Ion: 43 Resp: 5497
Ion Ratio Lower Upper
43 100
58 26.0 0.0 31.8



#16
Methylene chloride
Concen: 4.000 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005756.D
Acq: 02 Oct 2018 01:31

Tgt Ion: 84 Resp: 17432
Ion Ratio Lower Upper
84 100
49 113.0 87.2 162.0
86 51.9 43.2 80.2

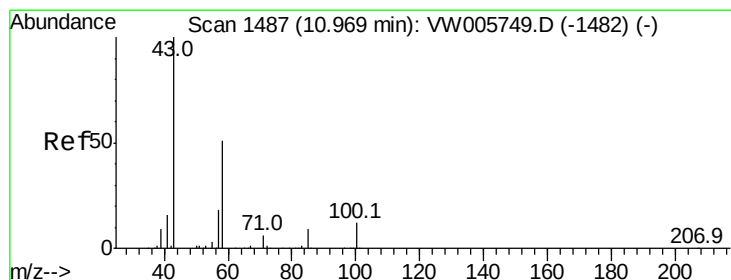
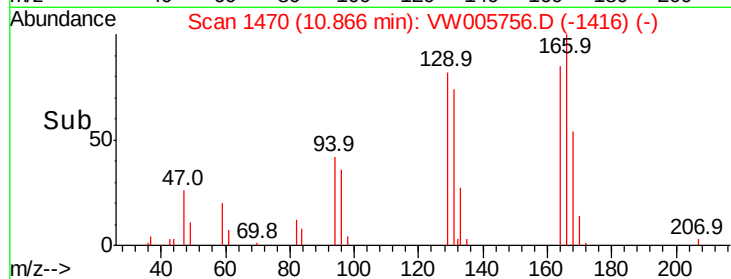
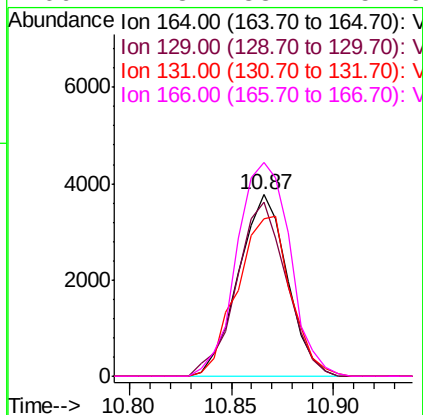
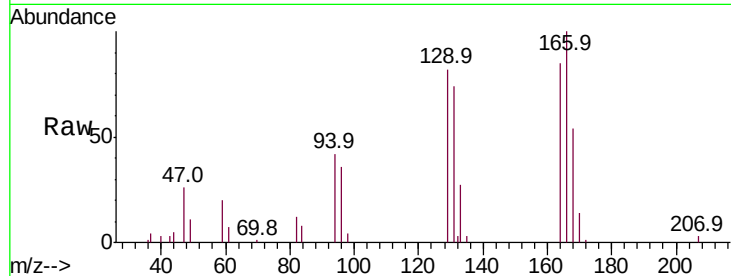




#47
Tetrachloroethene
Concen: 2.179 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005756.D
Acq: 02 Oct 2018 01:31

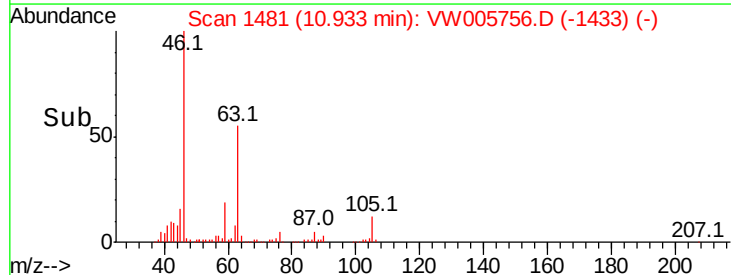
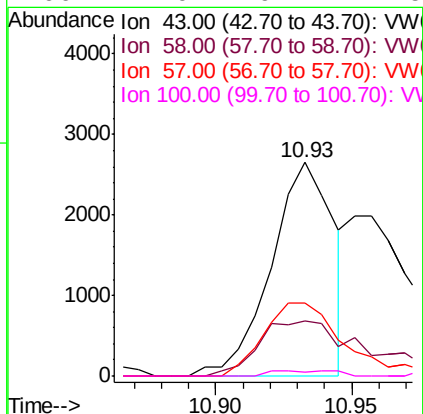
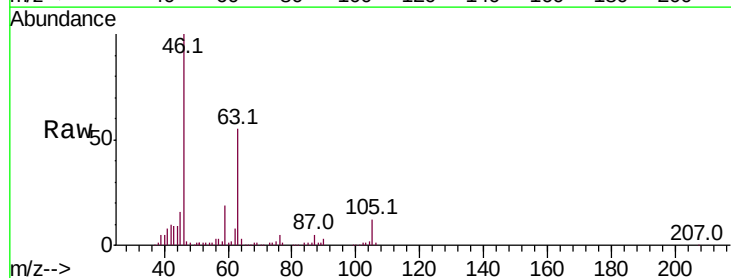
Instrument :
MSVOA_W
ClientSampleId :

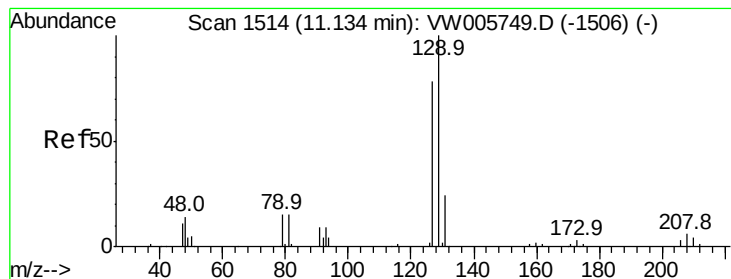
Tot Ion:164 Resp: 6299
Ion Ratio Lower Upper
164 100
129 96.2 63.8 118.4
131 86.6 61.5 114.3
166 117.8 83.2 154.6



#49
2-Hexanone
Concen: 2.484 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW005756.D
Acq: 02 Oct 2018 01:31

Tgt Ion: 43 Resp: 4254
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 43.6 15.7 23.5#
100 1.0 9.7 14.5#





#50

Dibromochloromethane

Concen: 1.967 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW005756.D

Acq: 02 Oct 2018 01:31

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:129 Resp: 6152

Ion Ratio Lower Upper

129 100

127 0.0 51.7 95.9#

