

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092818\
 Data File : VW005727.D
 Acq On : 28 Sep 2018 18:34
 Operator : SY/AP
 Sample : J5011-08
 Misc : 5.00G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 29 01:19:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 28 16:00:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	234540	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	225590	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	113510	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	66510	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
7) Chloroethane-d5	2.90	69	52415	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.88%
10) 1,1-Dichloroethene-d2	4.01	63	112859	17.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.16%
20) 2-Butanone-d5	7.09	46	57676	60.09	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.18%
24) Chloroform-d	7.65	84	142661	23.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	8.31	65	95890	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.12%
29) Benzene-d6	8.28	84	269446	24.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.52%
33) 1,2-Dichloropropane-d6	9.28	67	79857	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.96%
37) Toluene-d8	10.33	98	259131	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.59	79	39737	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.76%
39) 2-Hexanone-d5	10.93	63	42432	56.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.28%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	84640	26.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	103587	25.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.16%

Target Compounds

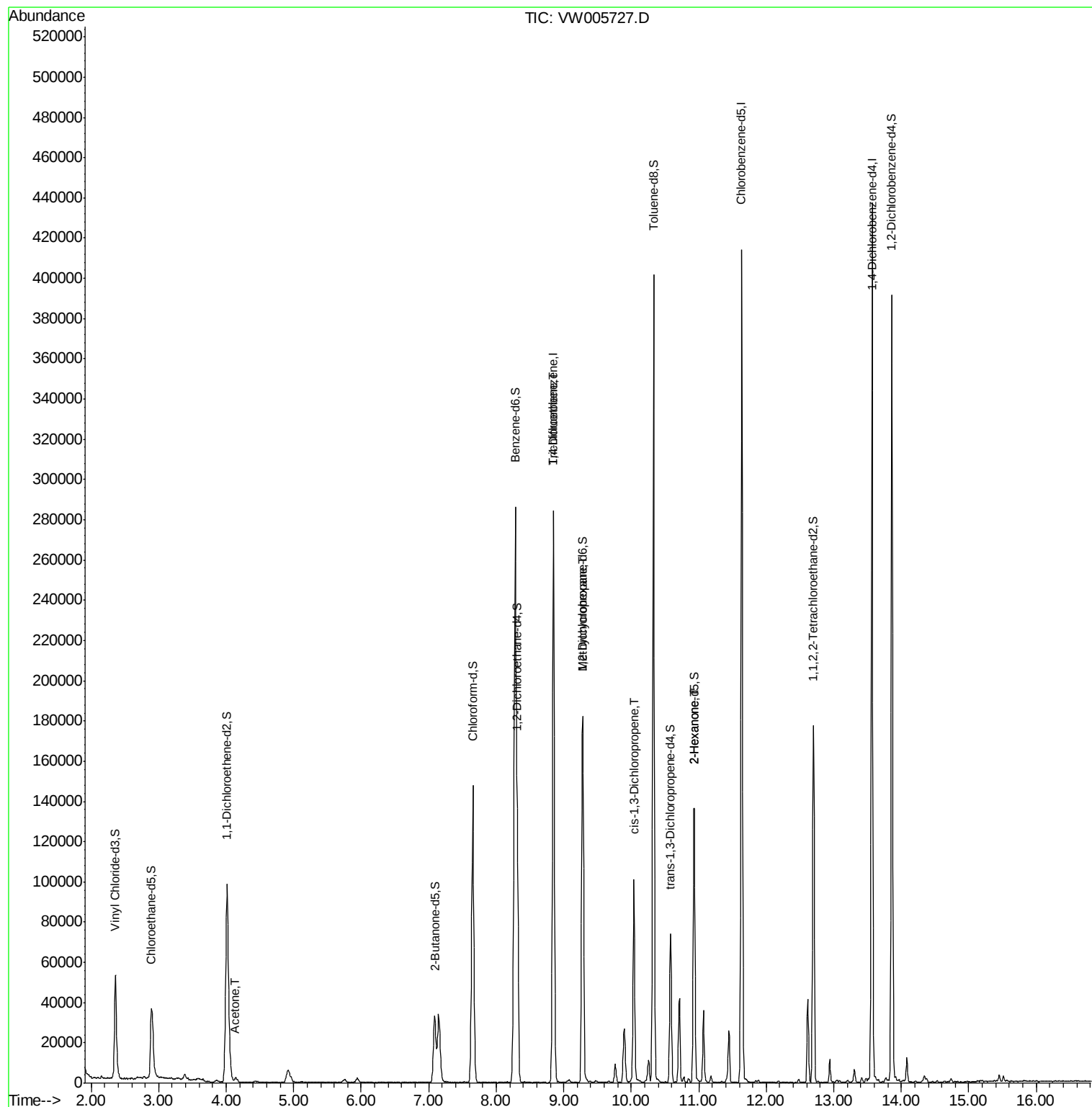
					Ovalue
13) Acetone	4.14	43	1911	1.912 ug/L	99
35) Trichloroethene	8.85	95	7515	2.204 ug/L #	5
36) Methylcyclohexane	9.28	83	21185	3.573 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	2530	0.493 ug/L	85
49) 2-Hexanone	10.93	43	6168	3.466 ug/L #	69

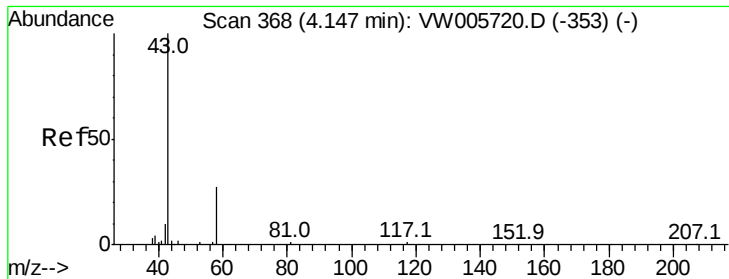
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.912 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005727.D

Acq: 28 Sep 2018 18:34

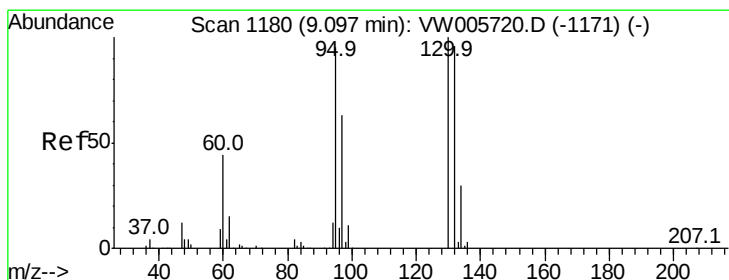
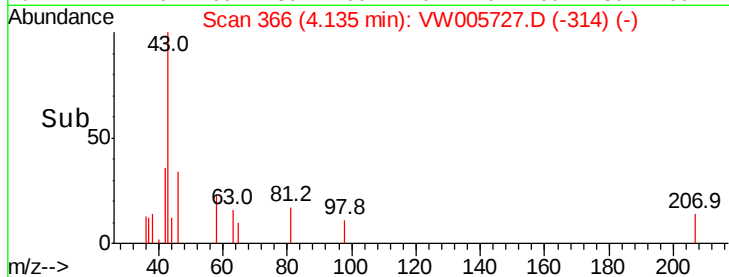
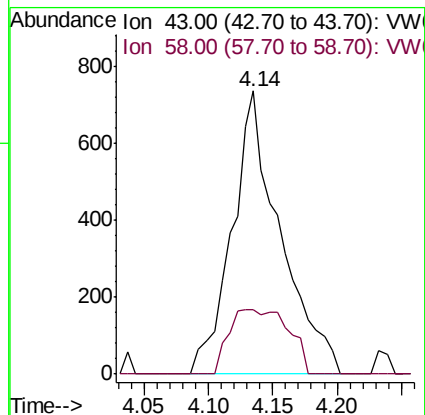
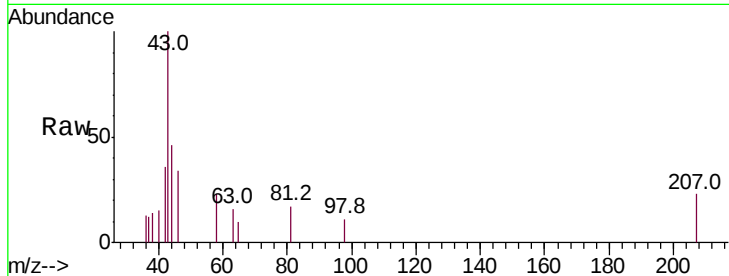
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1911

Ion Ratio Lower Upper

43 100

58 16.2 0.0 31.8



#35

Trichloroethene

Concen: 2.204 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW005727.D

Acq: 28 Sep 2018 18:34

Tgt Ion: 95 Resp: 7515

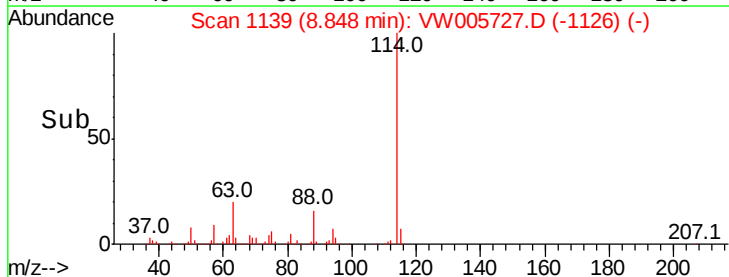
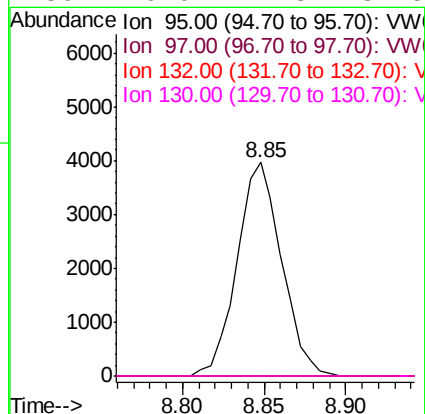
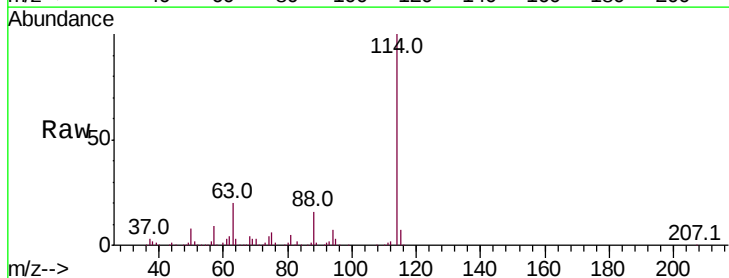
Ion Ratio Lower Upper

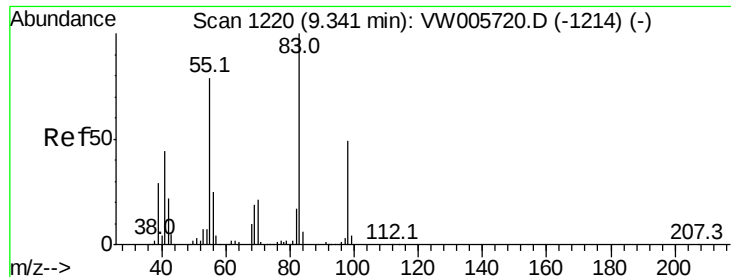
95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

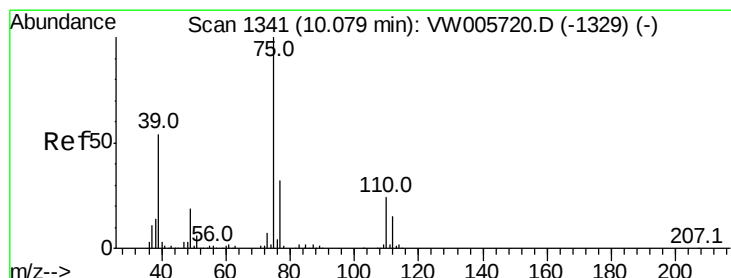
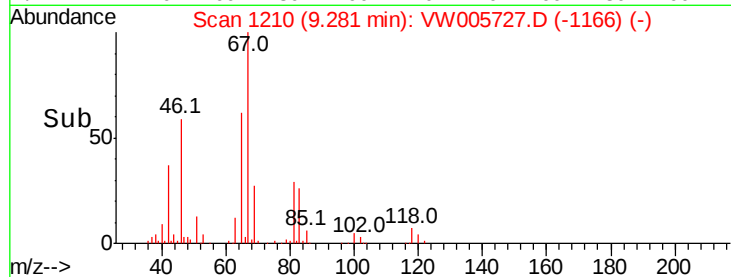
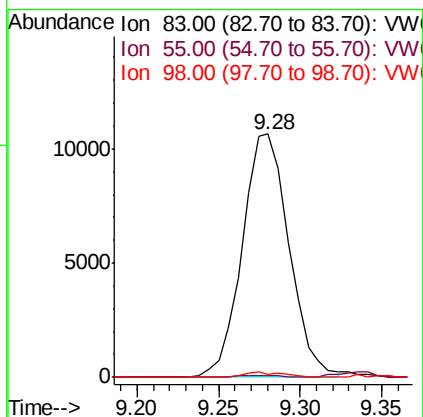
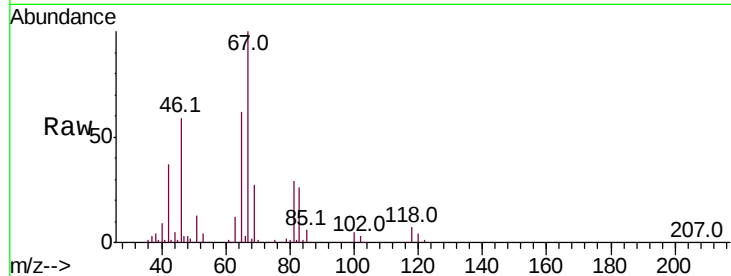




#36
Methylcyclohexane
Concen: 3.573 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005727.D
Acq: 28 Sep 2018 18:34

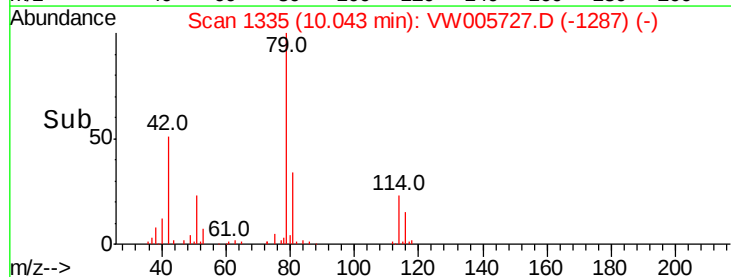
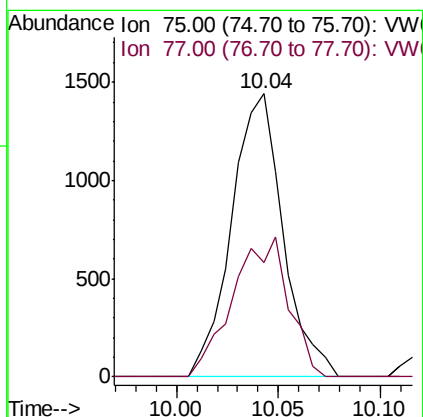
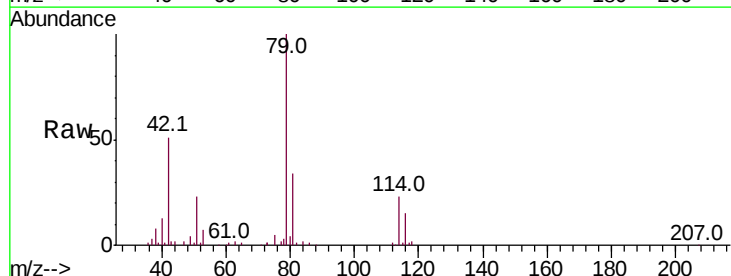
Instrument :
MSVOA_W
ClientSampled :

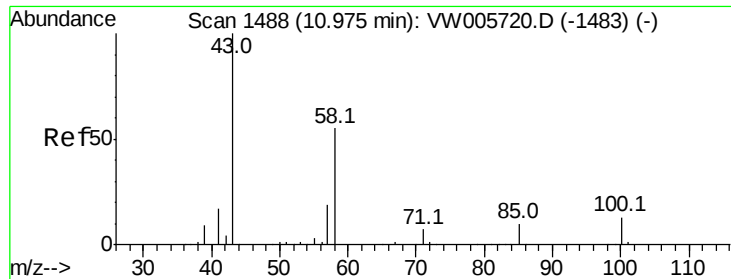
Tot Ion: 83 Resp: 21185
Ion Ratio Lower Upper
83 100
55 0.4 62.5 93.7#
98 1.1 37.7 56.5#



#42
cis-1,3-Dichloropropene
Concen: 0.493 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.04 min
Lab File: VW005727.D
Acq: 28 Sep 2018 18:34

Tgt Ion: 75 Resp: 2530
Ion Ratio Lower Upper
75 100
77 40.3 22.3 41.3





#49

2-Hexanone

Concen: 3.466 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.05 min

Lab File: VW005727.D

Acq: 28 Sep 2018 18:34

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6168

Ion Ratio Lower Upper

43 100

58 28.6 42.0 63.0#

57 31.2 15.7 23.5#

100 1.8 9.7 14.5#

