

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016540.D
 Acq On : 11 Sep 2020 11:07
 Operator : SY/VA
 Sample : L3950-13
 Misc : 6.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFZQ5

Quant Time: Sep 12 07:32:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 07:12:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	632884	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	543397	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	237626	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	119727	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.32%
7) Chloroethane-d5	2.90	69	118374	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.52%
10) 1,1-Dichloroethene-d2	4.03	63	170954	11.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.28%#
20) 2-Butanone-d5	7.09	46	59940	25.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.00%
24) Chloroform-d	7.65	84	280351	18.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.64%
26) 1,2-Dichloroethane-d4	8.31	65	146457	18.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.28%
29) Benzene-d6	8.28	84	510393	18.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.92%
33) 1,2-Dichloropropane-d6	9.28	67	152758	18.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.28%
37) Toluene-d8	10.33	98	469131	17.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.48%
38) trans-1,3-Dichloropropene-	10.58	79	67845	16.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.28%
39) 2-Hexanone-d5	10.93	63	51062	30.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122050	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	159714	19.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.80%

Target Compounds

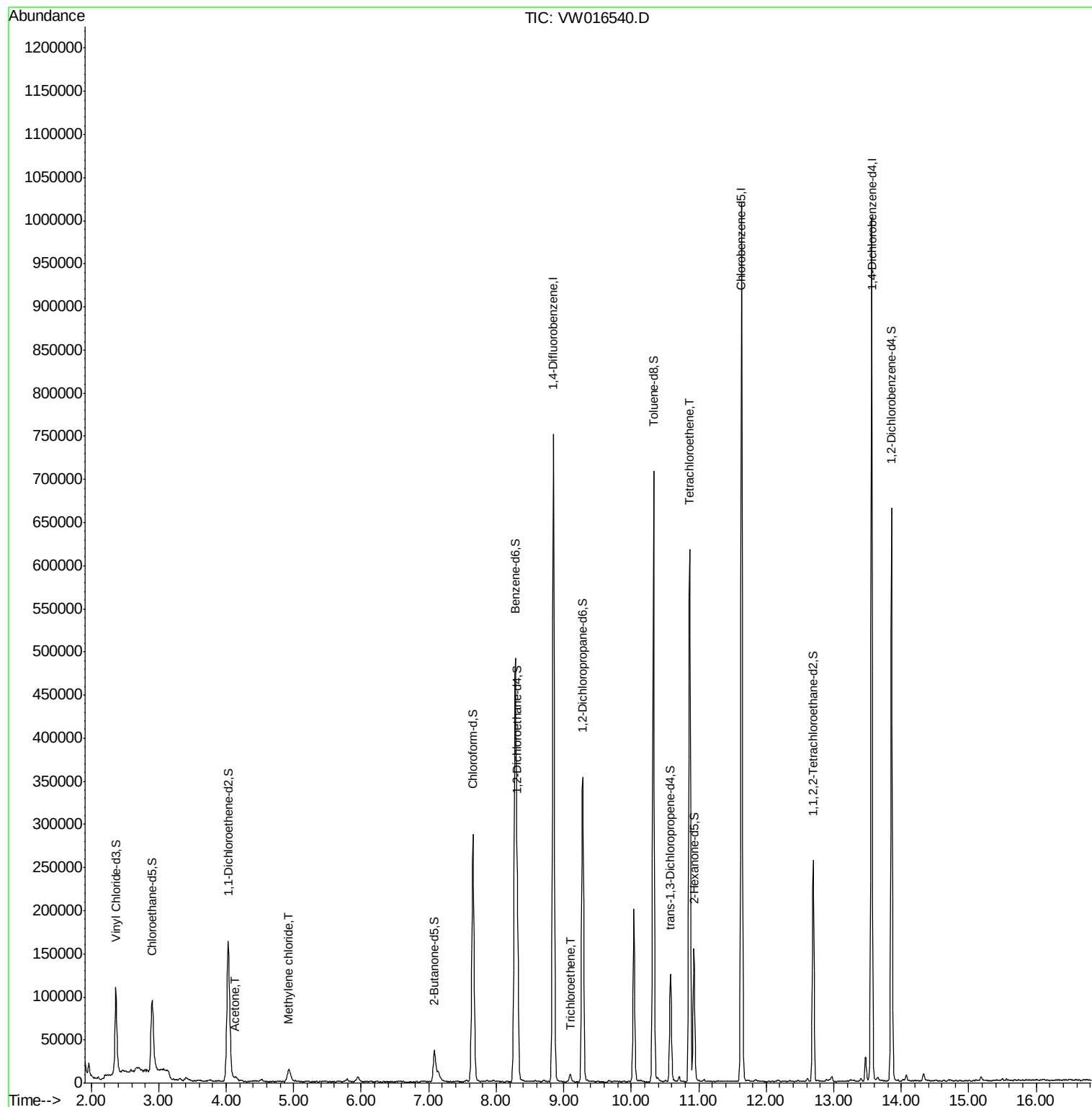
					Ovalue
13) Acetone	4.14	43	8041	5.224 ug/L	99
16) Methylene chloride	4.93	84	12160	1.231 ug/L	90
35) Trichloroethene	9.10	95	2310	0.281 ug/L #	77
47) Tetrachloroethene	10.87	164	128832	19.518 ug/L	98

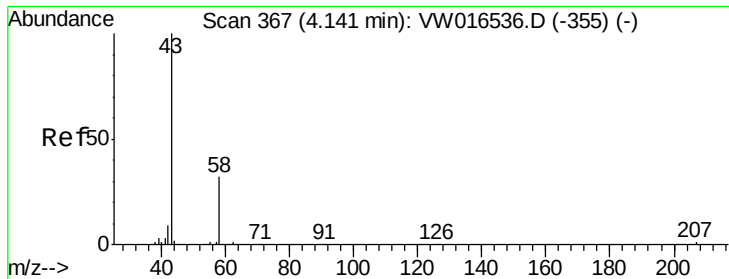
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 5.224 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016540.D

Acq: 11 Sep 2020 11:07

Instrument :

MSVOA_W

ClientSampled :

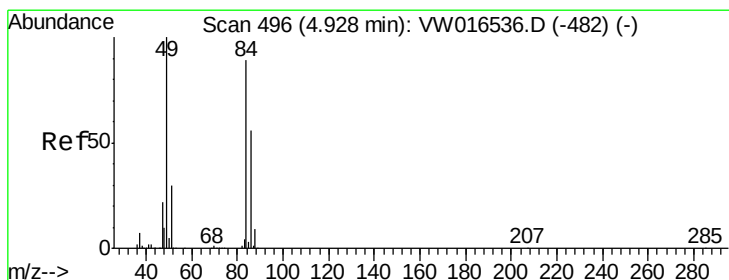
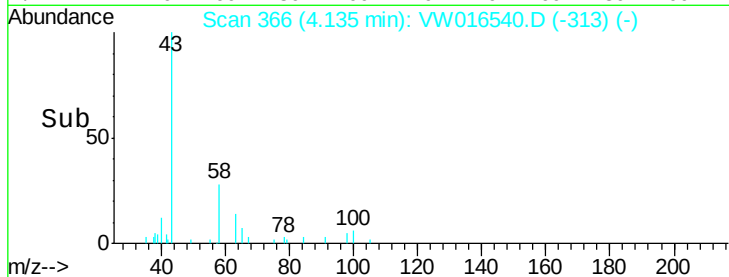
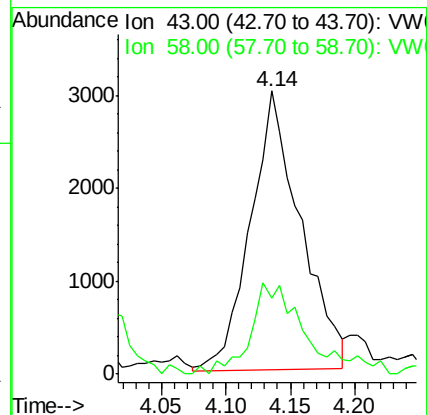
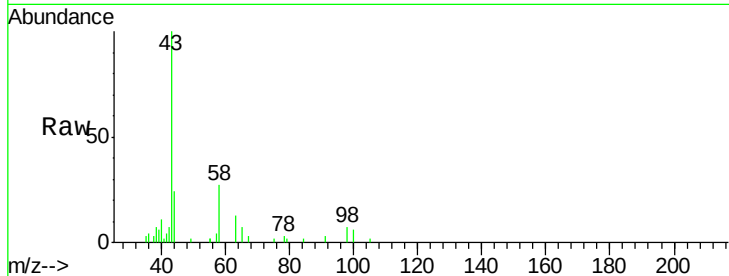
BFZQ5

Tot Ion: 43 Resp: 8041

Ion Ratio Lower Upper

43 100

58 31.2 0.0 63.0



#16

Methylene chloride

Concen: 1.231 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016540.D

Acq: 11 Sep 2020 11:07

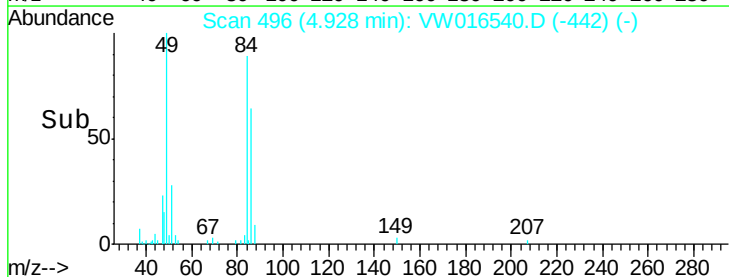
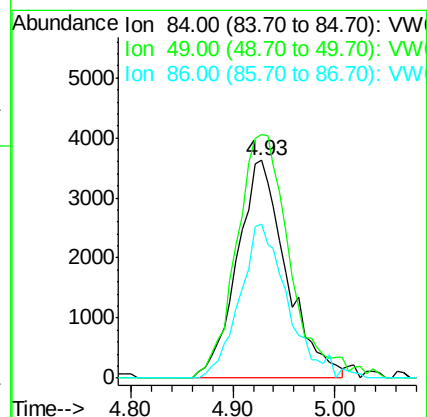
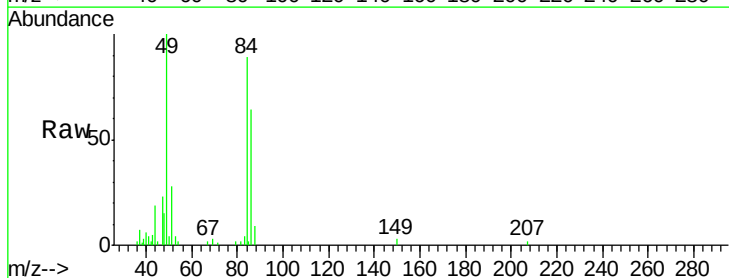
Tgt Ion: 84 Resp: 12160

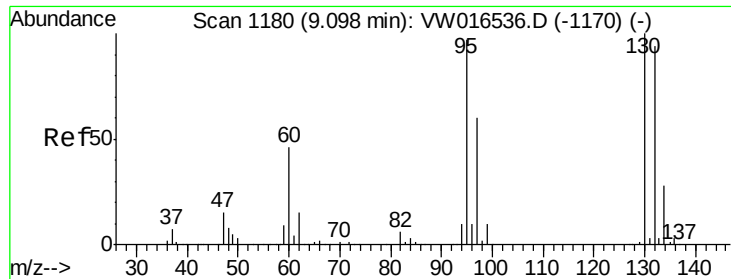
Ion Ratio Lower Upper

84 100

49 111.7 86.7 160.9

86 71.0 44.9 83.5

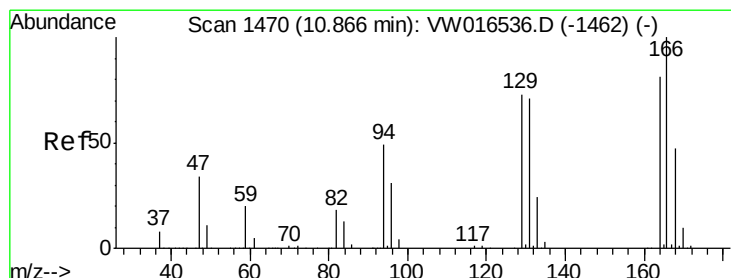
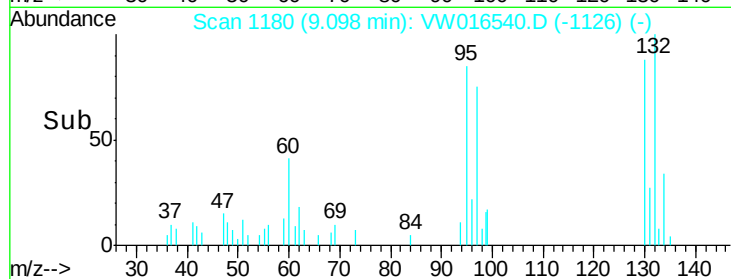
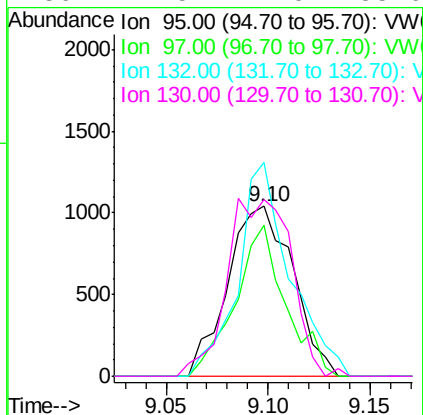
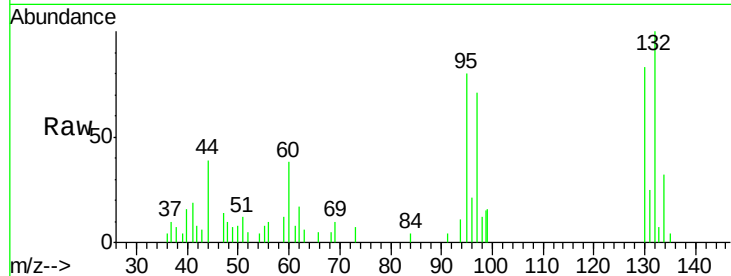




#35
 Trichloroethene
 Concen: 0.281 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VW016540.D
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Tot Ion: 95 Resp: 2310
 Ion Ratio Lower Upper
 95 100
 97 69.0 44.9 83.5
 132 100.7 69.2 128.4
 130 47.5 72.0 133.6#



#47
 Tetrachloroethene
 Concen: 19.518 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016540.D
 Acq: 11 Sep 2020 11:07

Tgt Ion: 164 Resp: 128832
 Ion Ratio Lower Upper
 164 100
 129 95.3 65.7 121.9
 131 86.4 61.1 113.5
 166 117.6 85.0 157.8

