

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017583.D
 Acq On : 07 Dec 2020 16:53
 Operator : SY/VA
 Sample : L4955-14
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K7

Quant Time: Dec 20 05:00:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 03:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337855	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	293622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105319	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	81485	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.32%
7) Chloroethane-d5	2.89	69	75082	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.08%
10) 1,1-Dichloroethene-d2	4.03	63	139607	14.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.44%
20) 2-Butanone-d5	7.08	46	61126	65.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.44%
24) Chloroform-d	7.65	84	227963	23.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	8.31	65	126321	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.28%
29) Benzene-d6	8.28	84	418703	23.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.76%
33) 1,2-Dichloropropane-d6	9.27	67	128895	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.20%
37) Toluene-d8	10.32	98	361392	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.92%
38) trans-1,3-Dichloropropene-	10.58	79	50565	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.60%
39) 2-Hexanone-d5	10.93	63	38478	62.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102833	28.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	86613	22.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.84%

Target Compounds

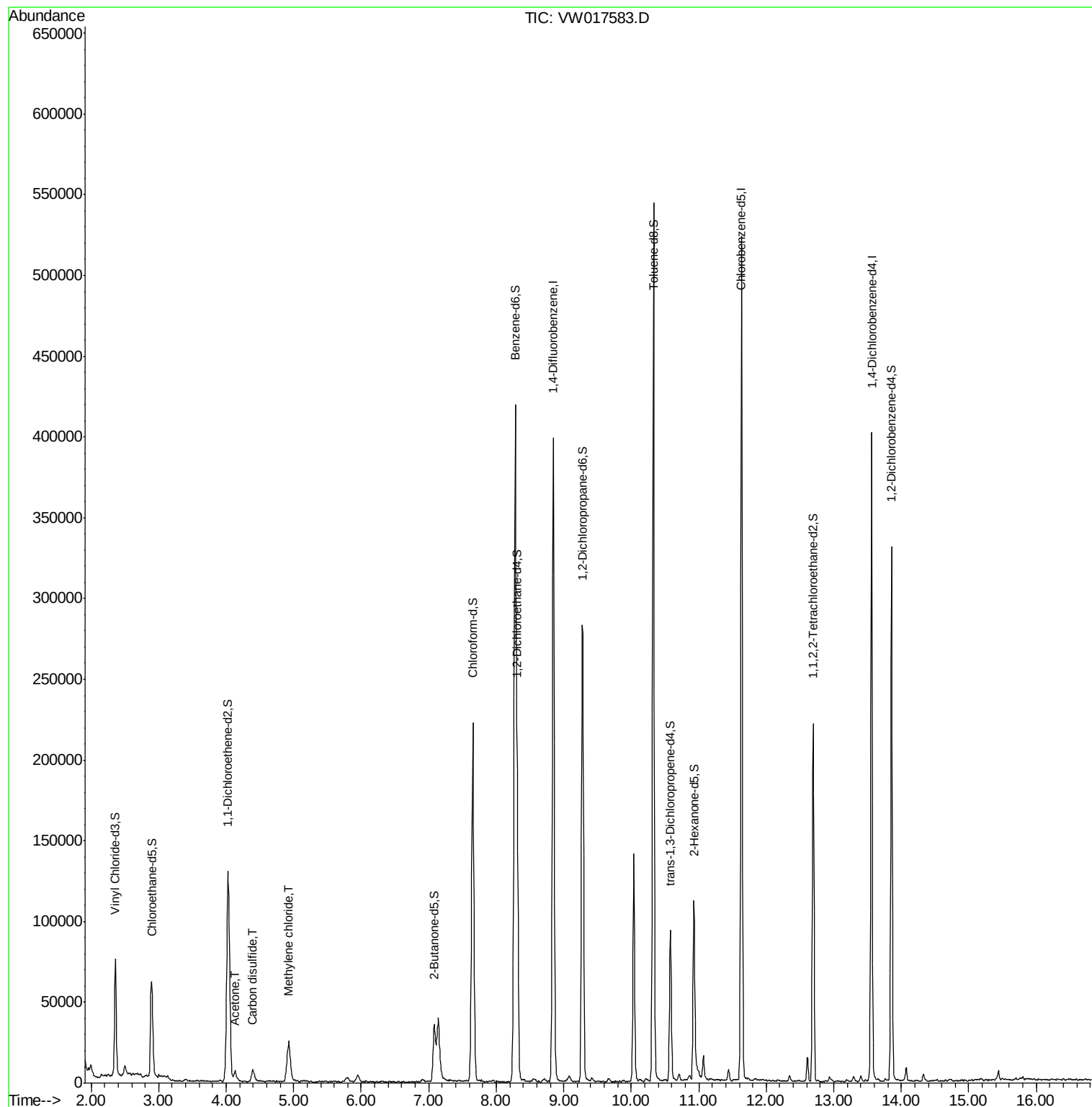
					Ovalue
13) Acetone	4.14	43	10663	11.823 ug/L	74
14) Carbon disulfide	4.39	76	14121	1.054 ug/L	98
16) Methylene chloride	4.93	84	21589	4.256 ug/L	91

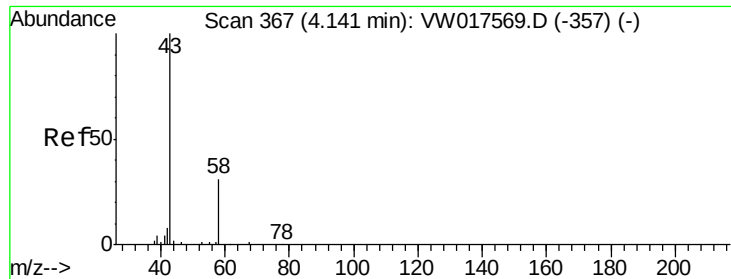
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.823 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW017583.D

Acq: 07 Dec 2020 16:53

Instrument :

MSVOA_W

ClientSampleId :

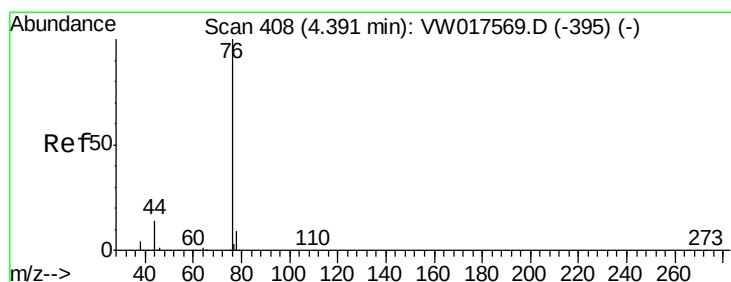
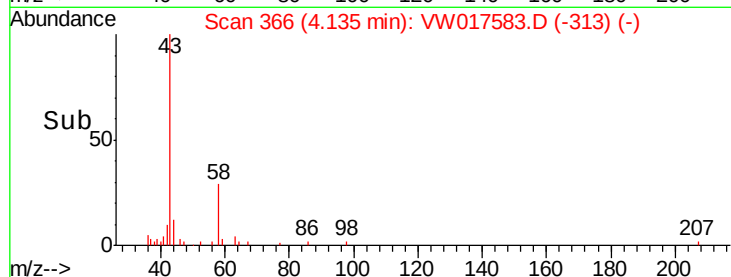
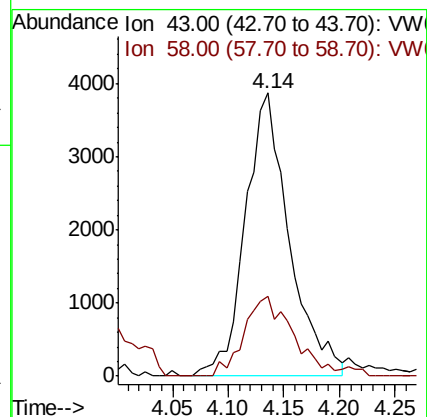
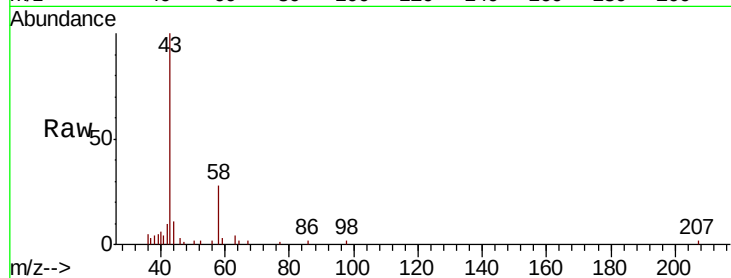
BG4K7

Tot Ion: 43 Resp: 10663

Ion Ratio Lower Upper

43 100

58 19.1 0.0 68.4



#14

Carbon disulfide

Concen: 1.054 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017583.D

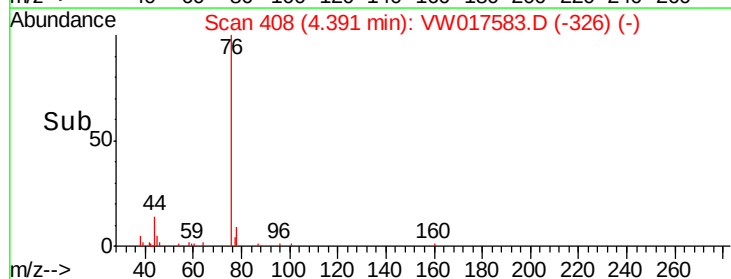
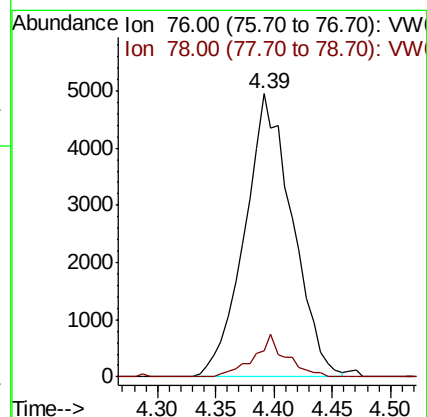
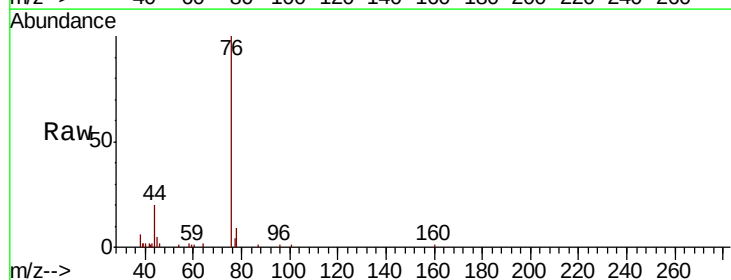
Acq: 07 Dec 2020 16:53

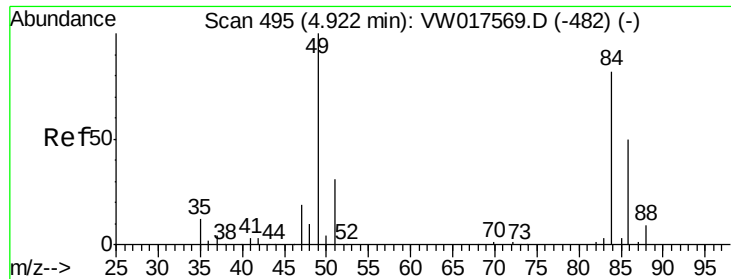
Tgt Ion: 76 Resp: 14121

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4





#16
 Methvlene chloride
 Concen: 4.256 ug/L
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW017583.D
 Acq: 07 Dec 2020 16:53

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K7

Tot Ion: 84 Resp: 21589
 Ion Ratio Lower Upper
 84 100
 49 111.8 81.2 150.8
 86 49.9 44.5 82.7

