

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012120\
 Data File : VW014707.D
 Acq On : 21 Jan 2020 11:52
 Operator : SY/VA
 Sample : L1193-13
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASP4

Quant Time: Jan 22 01:52:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 22 01:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	912789	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	729128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	236472	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	248816	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
7) Chloroethane-d5	2.89	69	207735	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
10) 1,1-Dichloroethene-d2	4.01	63	361965	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.07	46	129429	42.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.54%
24) Chloroform-d	7.64	84	462146	22.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.04%
26) 1,2-Dichloroethane-d4	8.30	65	241491	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.64%
29) Benzene-d6	8.27	84	974784	25.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.56%
33) 1,2-Dichloropropane-d6	9.27	67	300877	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.24%
37) Toluene-d8	10.32	98	813152	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.57	79	107671	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.44%
39) 2-Hexanone-d5	10.92	63	93268	46.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	185563	21.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	171450	22.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.00%

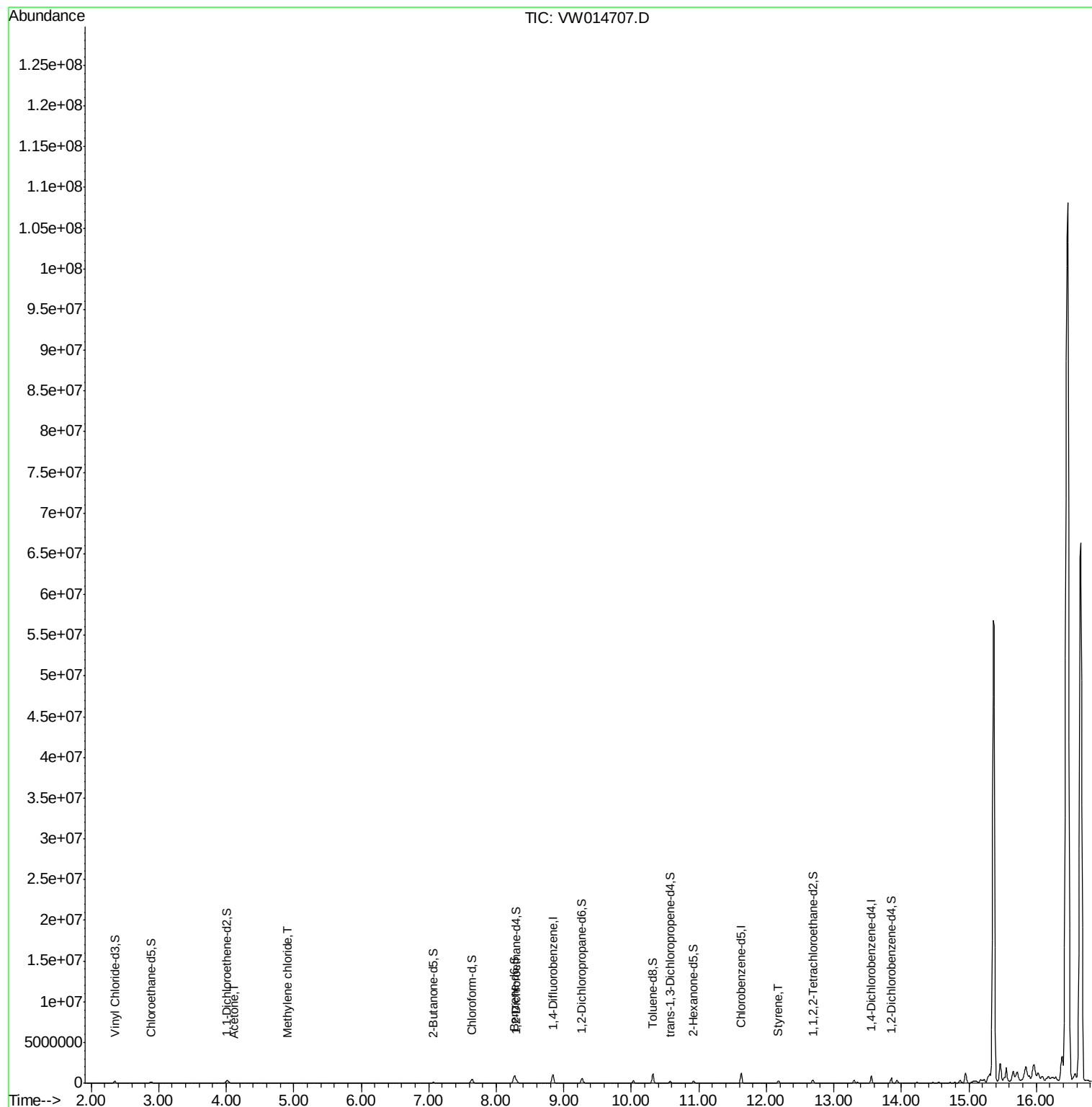
Target Compounds					Ovalue
13) Acetone	4.12	43	25800	6.086 ug/L	96
16) Methylene chloride	4.91	84	41611	2.796 ug/L	96
56) Styrene	12.18	104	140662	4.638 ug/L	92

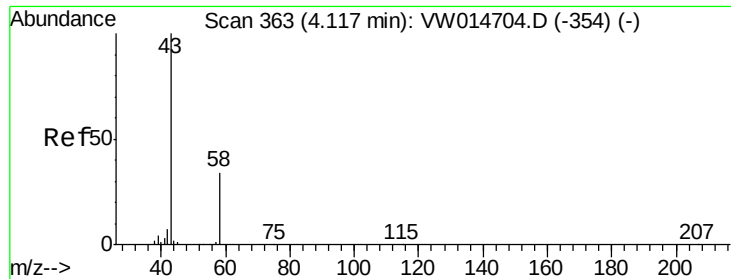
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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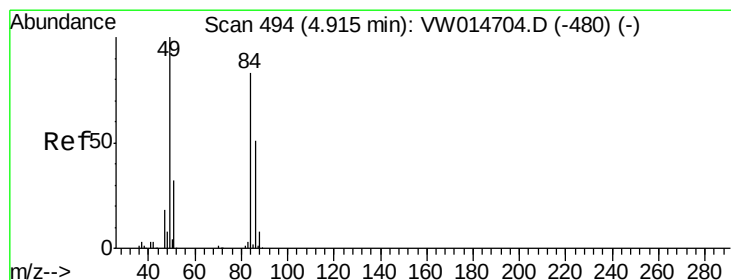
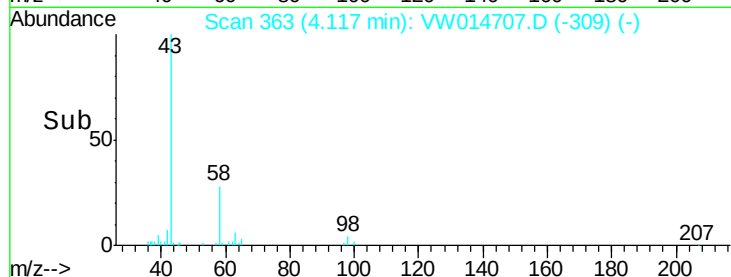
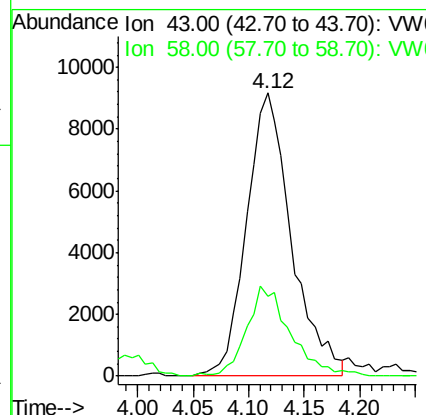
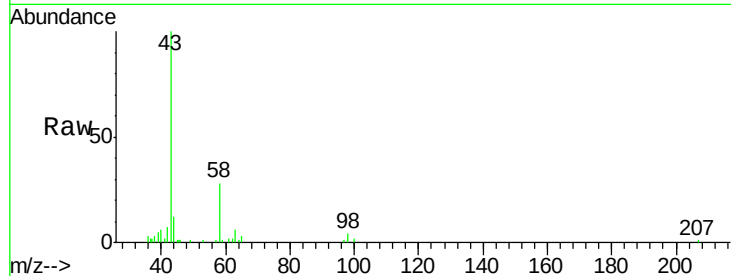




#13
Acetone
Concen: 6.086 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014707.D
Acq: 21 Jan 2020 11:52

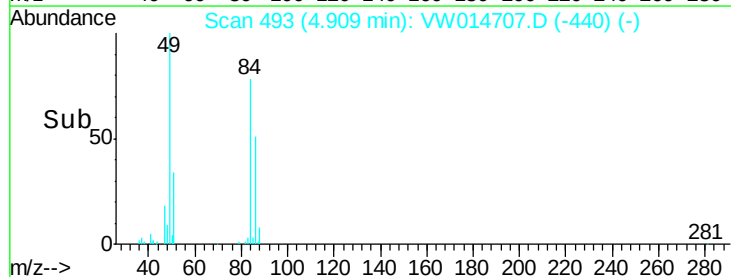
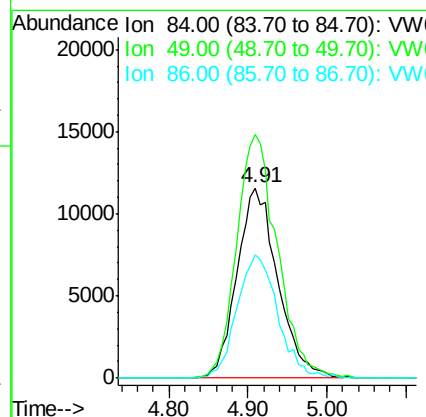
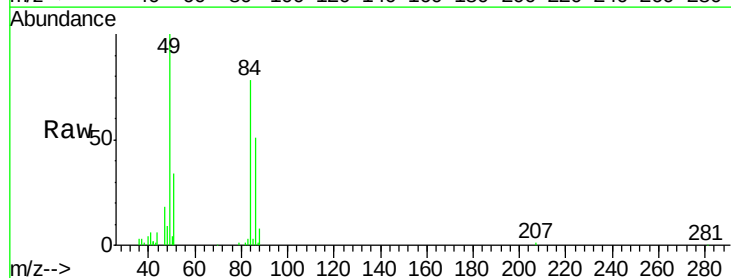
Instrument :
MSVOA_W
ClientSampled :
GASP4

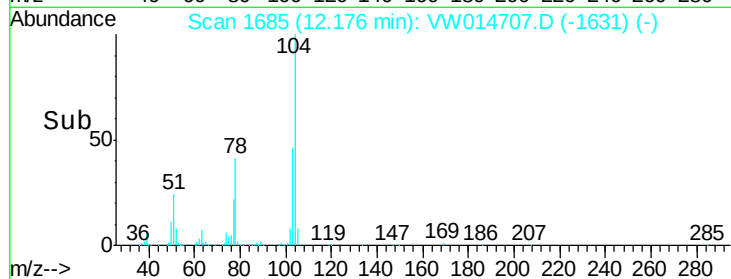
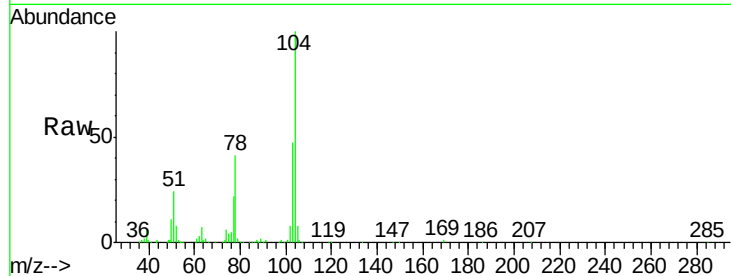
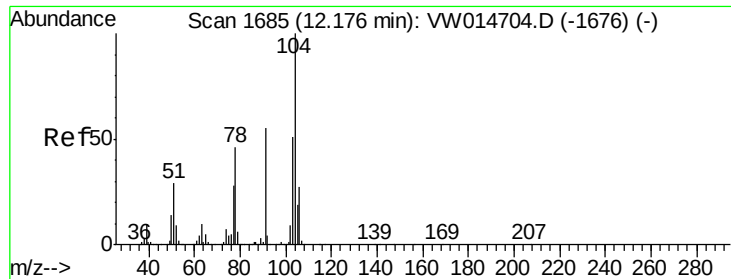
Tot Ion: 43 Resp: 25800
Ion Ratio Lower Upper
43 100
58 29.9 0.0 64.0



#16
Methylene chloride
Concen: 2.796 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014707.D
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Tgt Ion: 84 Resp: 41611
Ion Ratio Lower Upper
84 100
49 127.9 85.8 159.4
86 64.8 44.5 82.7





#56

Stvrene

Concen: 4.638 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion:104 Resp: 140662

Ion Ratio Lower Upper

104 100

78 41.2 32.3 60.1

