

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016717.D
 Acq On : 30 Sep 2020 17:15
 Operator : SY/VA
 Sample : L4201-02
 Misc : 4.28G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AK9

Quant Time: Oct 01 06:30:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	648832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	532494	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	211109	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	109473	17.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.72%
7) Chloroethane-d5	2.91	69	104532	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.56%
10) 1,1-Dichloroethene-d2	4.03	63	197988	14.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.40%
20) 2-Butanone-d5	7.09	46	52933	30.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.82%
24) Chloroform-d	7.65	84	312645	23.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	8.31	65	152589	21.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.60%
29) Benzene-d6	8.28	84	590656	24.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.92%
33) 1,2-Dichloropropane-d6	9.28	67	163210	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.88%
37) Toluene-d8	10.33	98	545252	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.84%
38) trans-1,3-Dichloropropene-	10.58	79	56963	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.84%
39) 2-Hexanone-d5	10.93	63	40007	33.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108480	19.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	153826	22.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.20%

Target Compounds

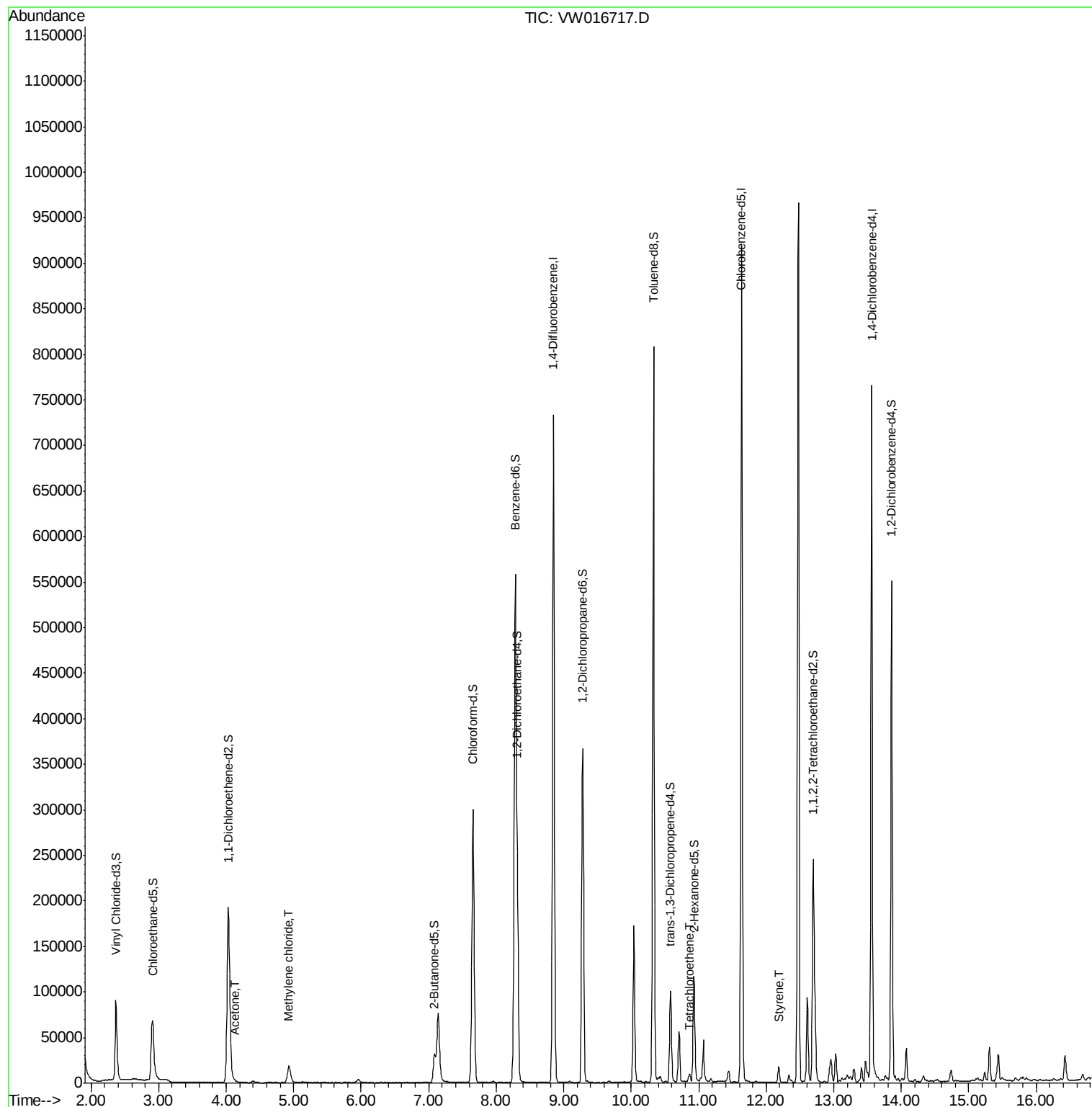
					Ovalue
13) Acetone	4.13	43	2258	1.683 ug/L	98
16) Methylene chloride	4.93	84	15799	1.579 ug/L	99
47) Tetrachloroethene	10.87	164	2022	0.271 ug/L	93
56) Styrene	12.18	104	8580	0.378 ug/L	88

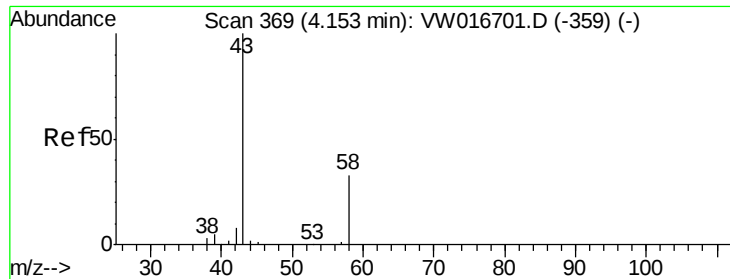
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 05:05:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.683 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016717.D

Acq: 30 Sep 2020 17:15

Instrument :

MSVOA_W

ClientSampled :

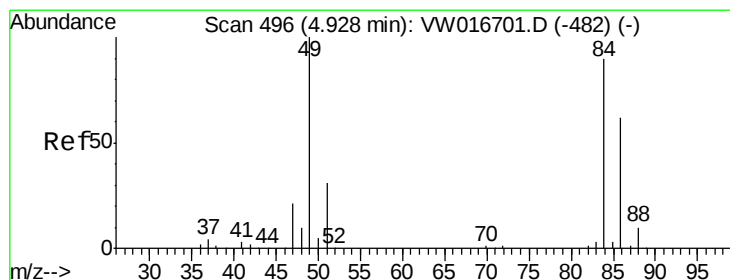
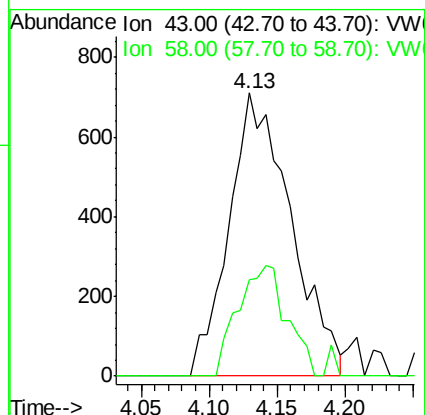
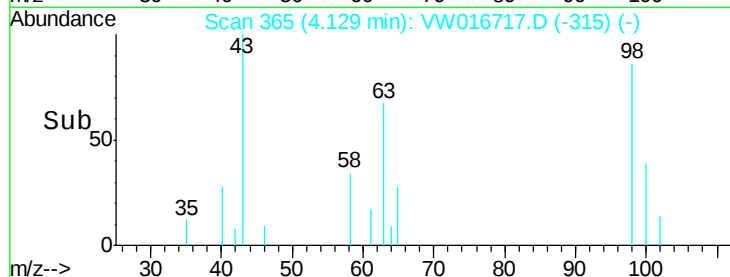
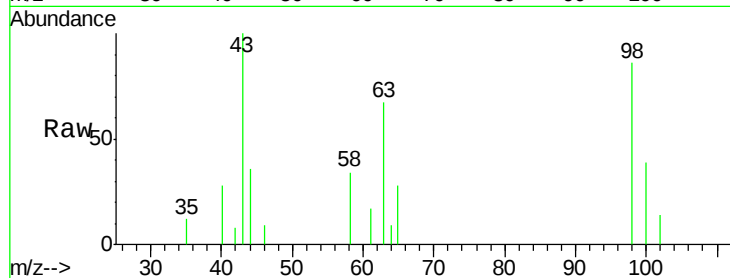
C0AK9

Tot Ion: 43 Resp: 2258

Ion Ratio Lower Upper

43 100

58 31.0 0.0 60.2



#16

Methylene chloride

Concen: 1.579 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016717.D

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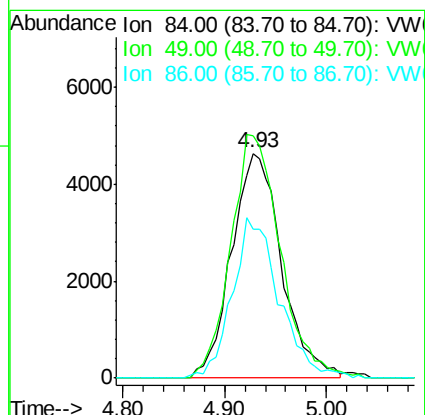
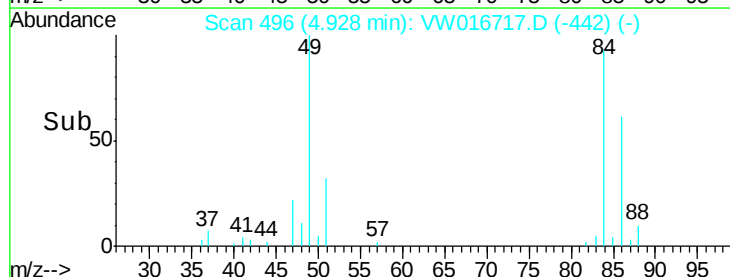
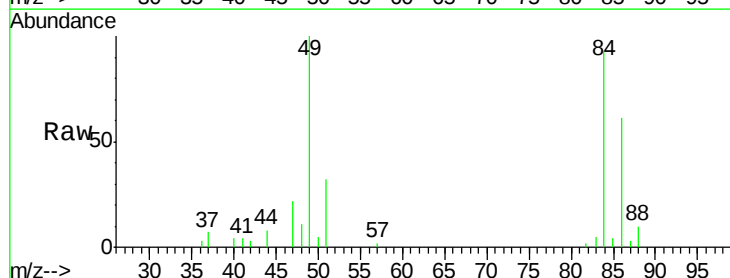
Tgt Ion: 84 Resp: 15799

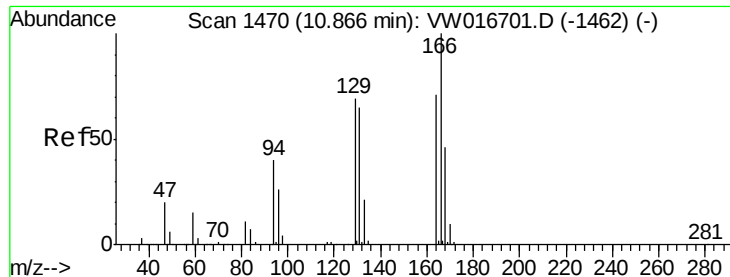
Ion Ratio Lower Upper

84 100

49 107.7 76.0 141.2

86 65.9 45.6 84.6





#47

Tetrachloroethene

Concen: 0.271 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016717.D

Acq: 30 Sep 2020 17:15

Instrument :

MSVOA_W

ClientSampleId :

C0AK9

Tot Ion:164 Resp: 2022

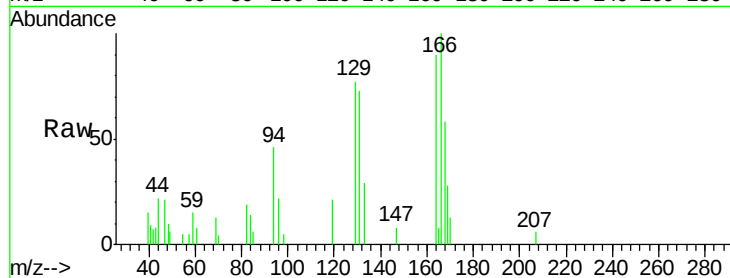
Ion Ratio Lower Upper

164 100

129 85.6 55.6 103.2

131 80.8 57.2 106.2

166 111.1 86.5 160.6

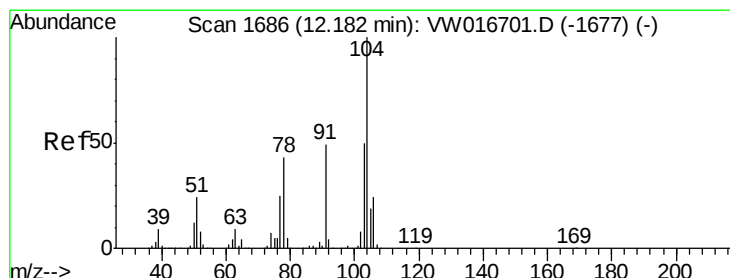
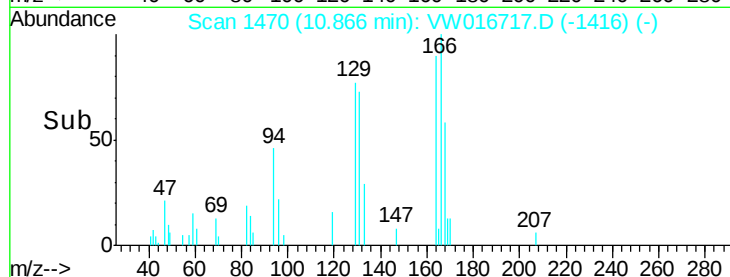
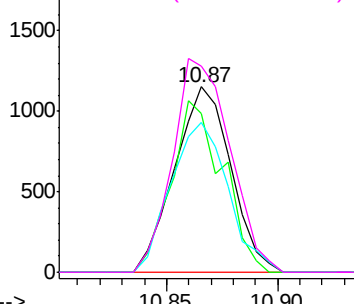


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#56

Styrene

Concen: 0.378 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

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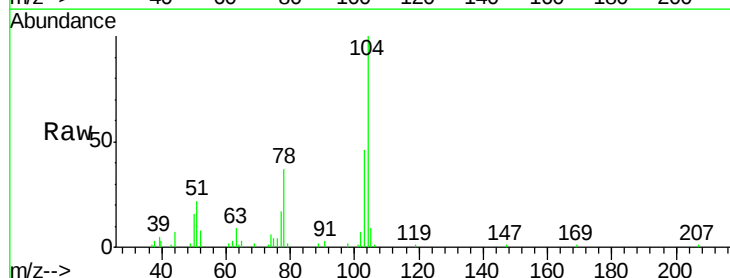
Acq: 30 Sep 2020 17:15

Tgt Ion:104 Resp: 8580

Ion Ratio Lower Upper

104 100

78 36.7 31.4 58.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

