

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092018\
 Data File : VW005533.D
 Acq On : 20 Sep 2018 14:22
 Operator : SY/AP
 Sample : J4970-07
 Misc : 5.65G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FD9

Quant Time: Sep 21 01:46:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 01:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	339113	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282594	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	87525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122462	26.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.28%
7) Chloroethane-d5	2.90	69	98349	27.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.08%
10) 1,1-Dichloroethene-d2	4.01	63	197080	19.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.48%
20) 2-Butanone-d5	7.09	46	61169	34.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.66%
24) Chloroform-d	7.65	84	240931	26.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.68%
26) 1,2-Dichloroethane-d4	8.31	65	143663	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.72%
29) Benzene-d6	8.28	84	469587	28.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.40%
33) 1,2-Dichloropropane-d6	9.28	67	133932	26.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.24%
37) Toluene-d8	10.33	98	421243	27.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.56%
38) trans-1,3-Dichloropropene-	10.58	79	60770	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.08%
39) 2-Hexanone-d5	10.93	63	50232	42.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.48%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	91475	19.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	82993	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

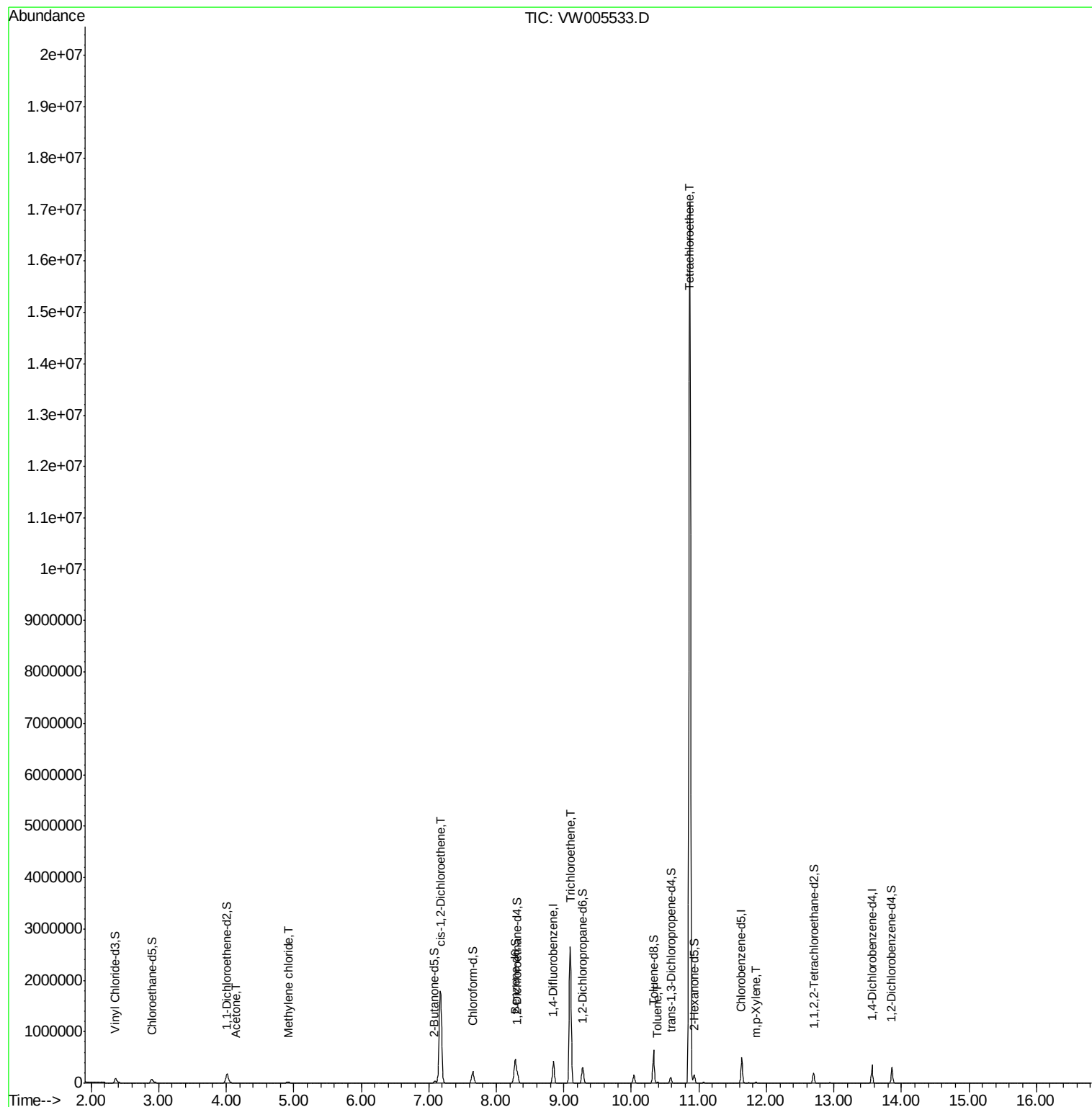
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.15	43	4973	3.260	ug/L	70
16) Methylene chloride	4.92	84	14766	2.633	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	1043723	215.559	ug/L	98
35) Trichloroethene	9.10	95	921414	208.877	ug/L	97
44) Toluene	10.39	91	13686	0.776	ug/L	92
47) Tetrachloroethene	10.87	164	3751521	1043.039	ug/L	95
54) m,p-Xylene	11.85	106	3427	0.456	ug/L	81

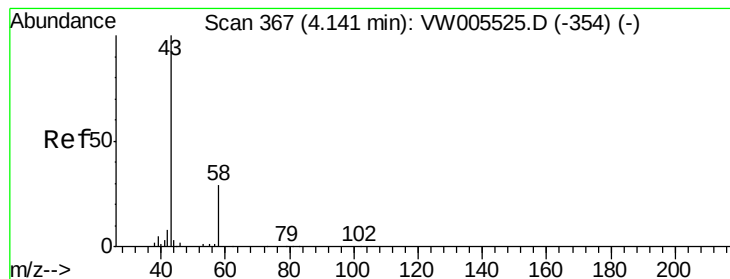
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 21 01:00:52 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.260 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005533.D

Acq: 20 Sep 2018 14:22

Instrument :

MSVOA_W

ClientSampleId :

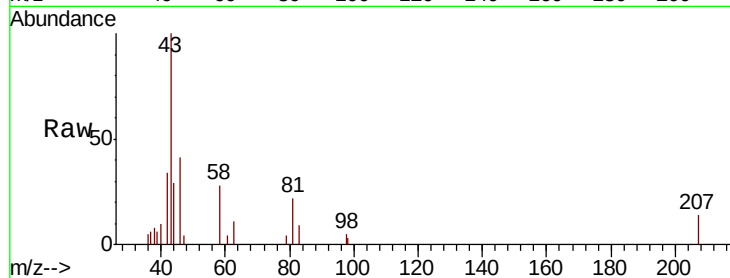
E5FD9

Tot Ion: 43 Resp: 4973

Ion Ratio Lower Upper

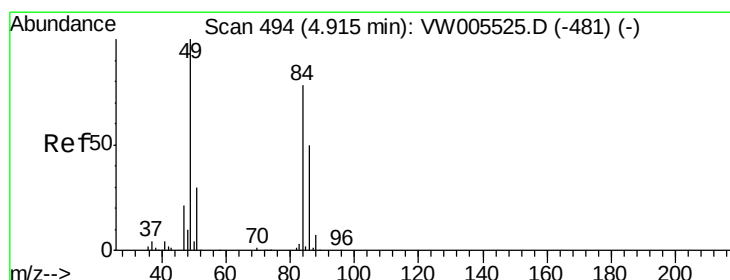
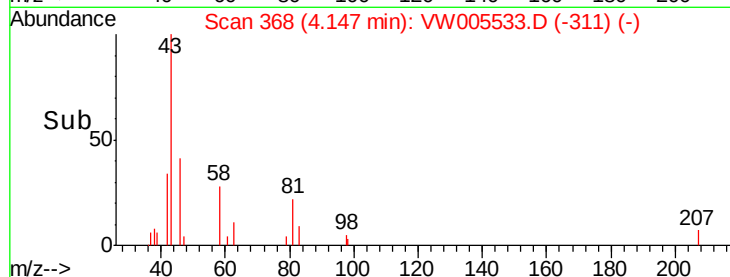
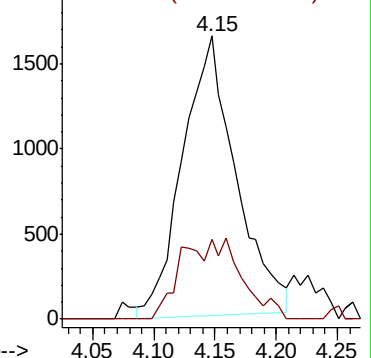
43 100

58 13.5 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.633 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005533.D

Acq: 20 Sep 2018 14:22

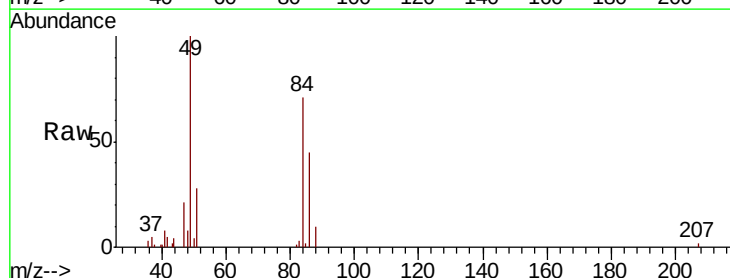
Tgt Ion: 84 Resp: 14766

Ion Ratio Lower Upper

84 100

49 140.7 91.5 169.9

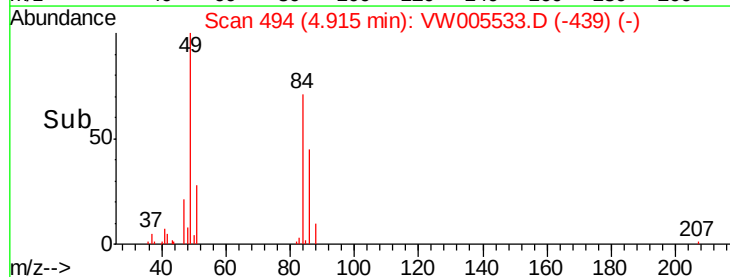
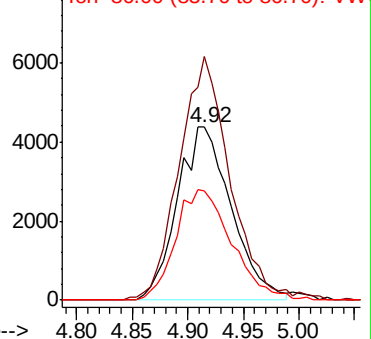
86 63.1 44.8 83.2

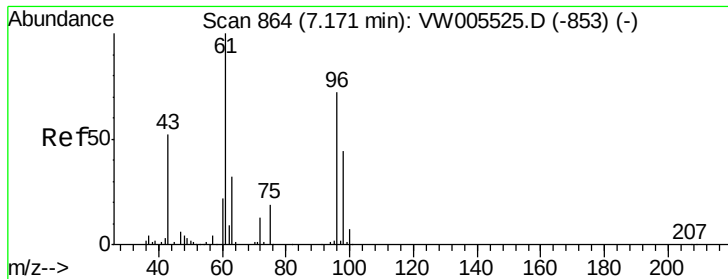


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



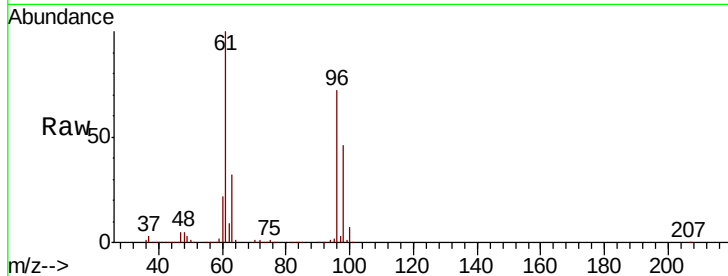


#22

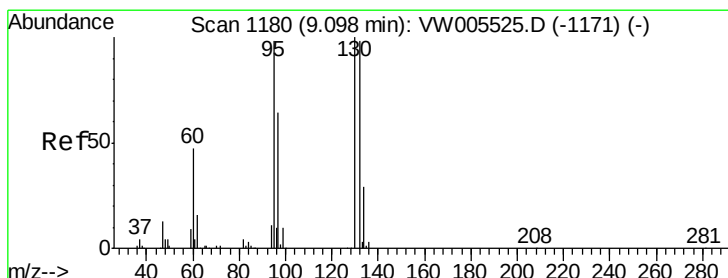
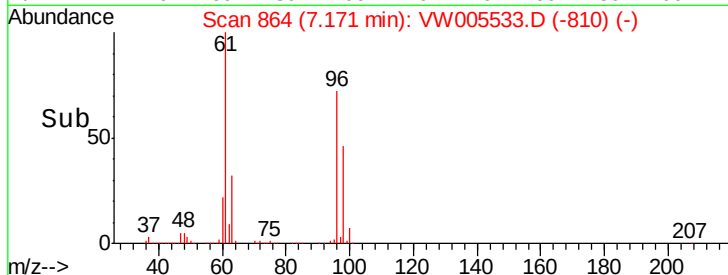
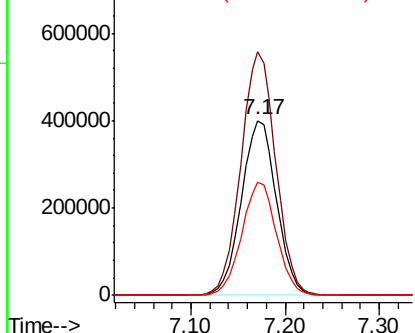
cis-1,2-Dichloroethene
Concen: 215.559 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005533.D
Acq: 20 Sep 2018 14:22

Instrument :
MSVOA_W
ClientSampled :
E5FD9

Tot Ion: 96 Resp: 1043723
Ion Ratio Lower Upper
96 100
61 139.2 96.5 179.1
98 64.7 44.1 81.9



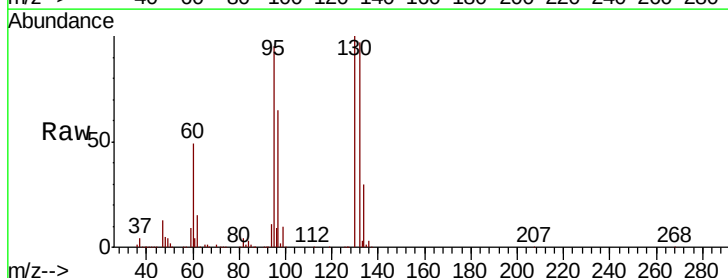
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



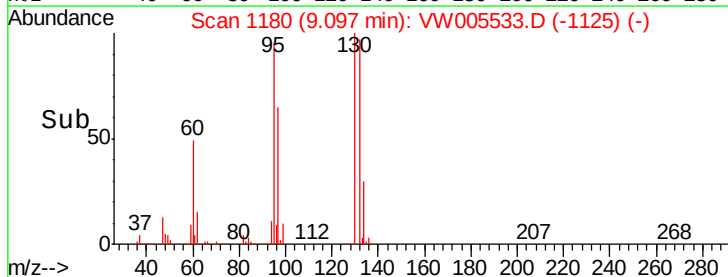
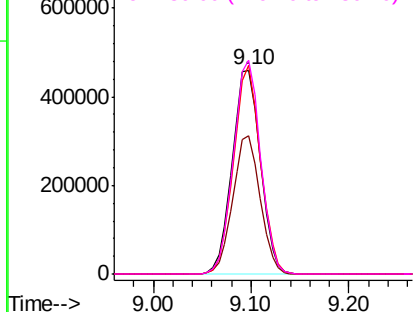
#35

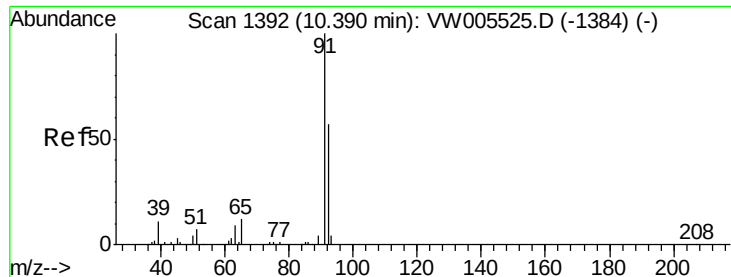
Trichloroethene
Concen: 208.877 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW005533.D
Acq: 20 Sep 2018 14:22

Tgt Ion: 95 Resp: 921414
Ion Ratio Lower Upper
95 100
97 66.0 45.0 83.6
132 97.5 66.4 123.2
130 101.1 68.6 127.4



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 0.776 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005533.D

Acq: 20 Sep 2018 14:22

Instrument :

MSVOA_W

ClientSampleId :

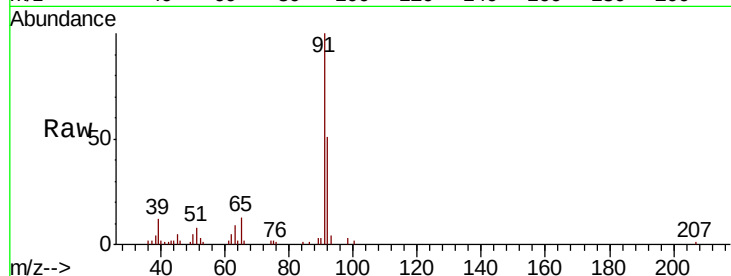
E5FD9

Tot Ion: 91 Resp: 13686

Ion Ratio Lower Upper

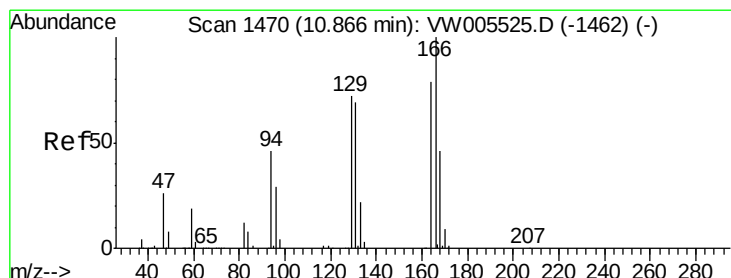
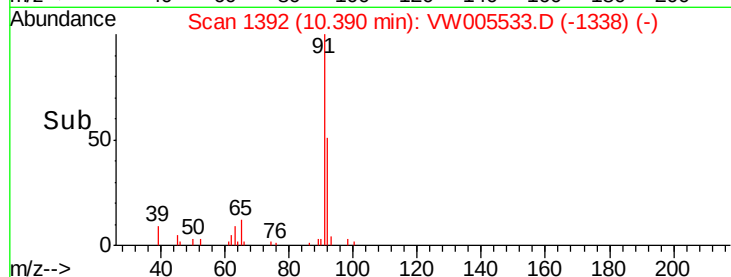
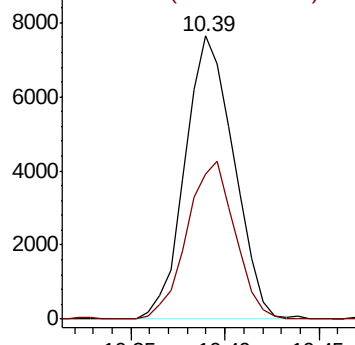
91 100

92 51.2 40.0 74.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#47

Tetrachloroethene

Concen: 1043.039 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW005533.D

Acq: 20 Sep 2018 14:22

Tgt Ion: 164 Resp: 3751521

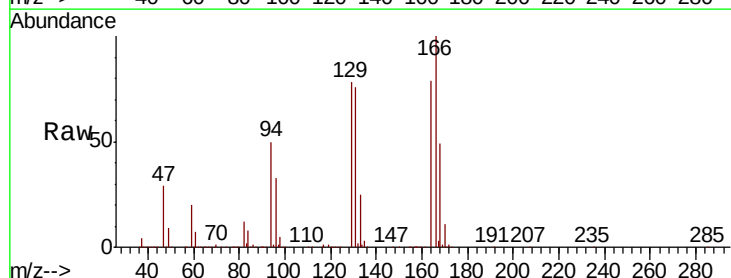
Ion Ratio Lower Upper

164 100

129 98.7 63.7 118.3

131 95.6 63.3 117.5

166 126.3 86.5 160.6

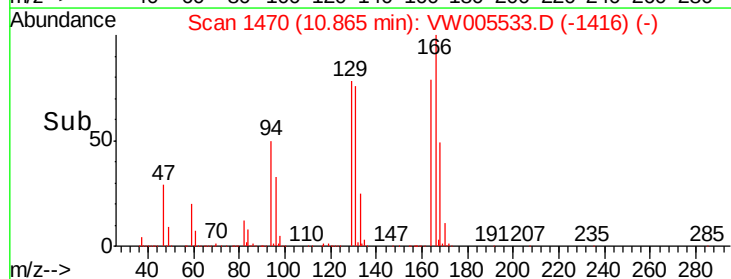
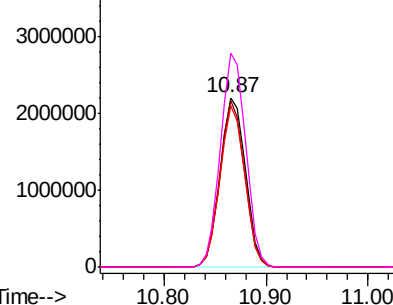


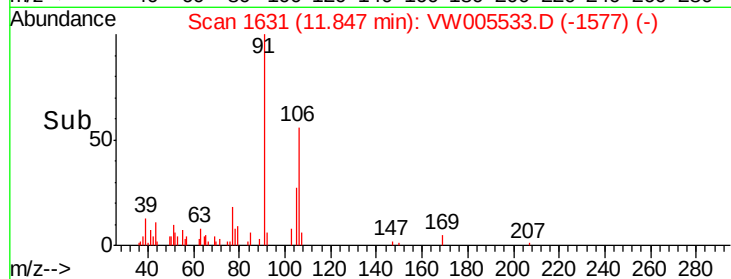
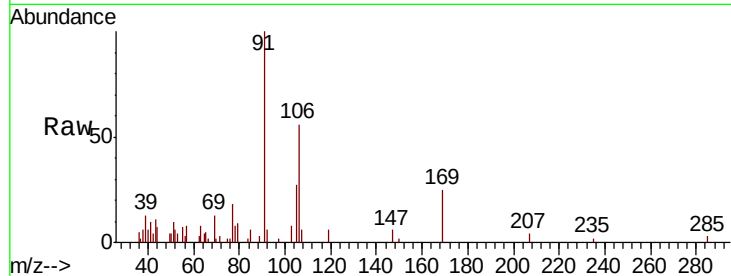
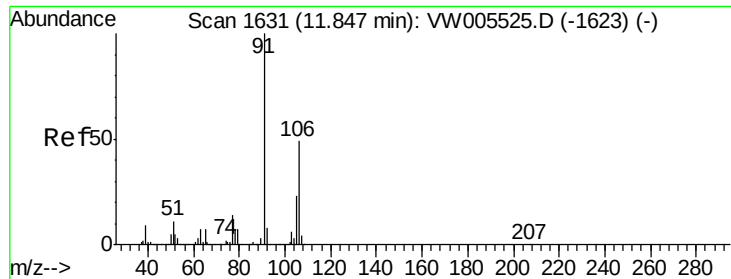
Abundance Ion 164.00 (163.70 to 164.70): V

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





#54

m,p-Xylene

Concen: 0.456 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005533.D

Acq: 20 Sep 2018 14:22

Instrument :

MSVOA_W

ClientSampleId :

E5FD9

Tot Ion:106 Resp: 3427

Ion Ratio Lower Upper

106 100

91 177.6 144.6 268.6

