

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092018\
 Data File : VW005537.D
 Acq On : 20 Sep 2018 16:32
 Operator : SY/AP
 Sample : J5011-03
 Misc : 4.59G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BE9G0

Quant Time: Sep 21 01:02:01 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	337588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294198	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	125716	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95360	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	2.89	69	76022	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
10) 1,1-Dichloroethene-d2	4.01	63	154788	15.48	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.09	46	52462	29.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.16%
24) Chloroform-d	7.65	84	188114	20.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	8.31	65	112332	20.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.44%
29) Benzene-d6	8.28	84	358900	20.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.52%
33) 1,2-Dichloropropane-d6	9.28	67	109974	20.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.00%
37) Toluene-d8	10.33	98	308952	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.20%
38) trans-1,3-Dichloropropene-	10.58	79	47620	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.36%
39) 2-Hexanone-d5	10.93	63	38886	31.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82076	17.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	97622	20.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.20%

Target Compounds

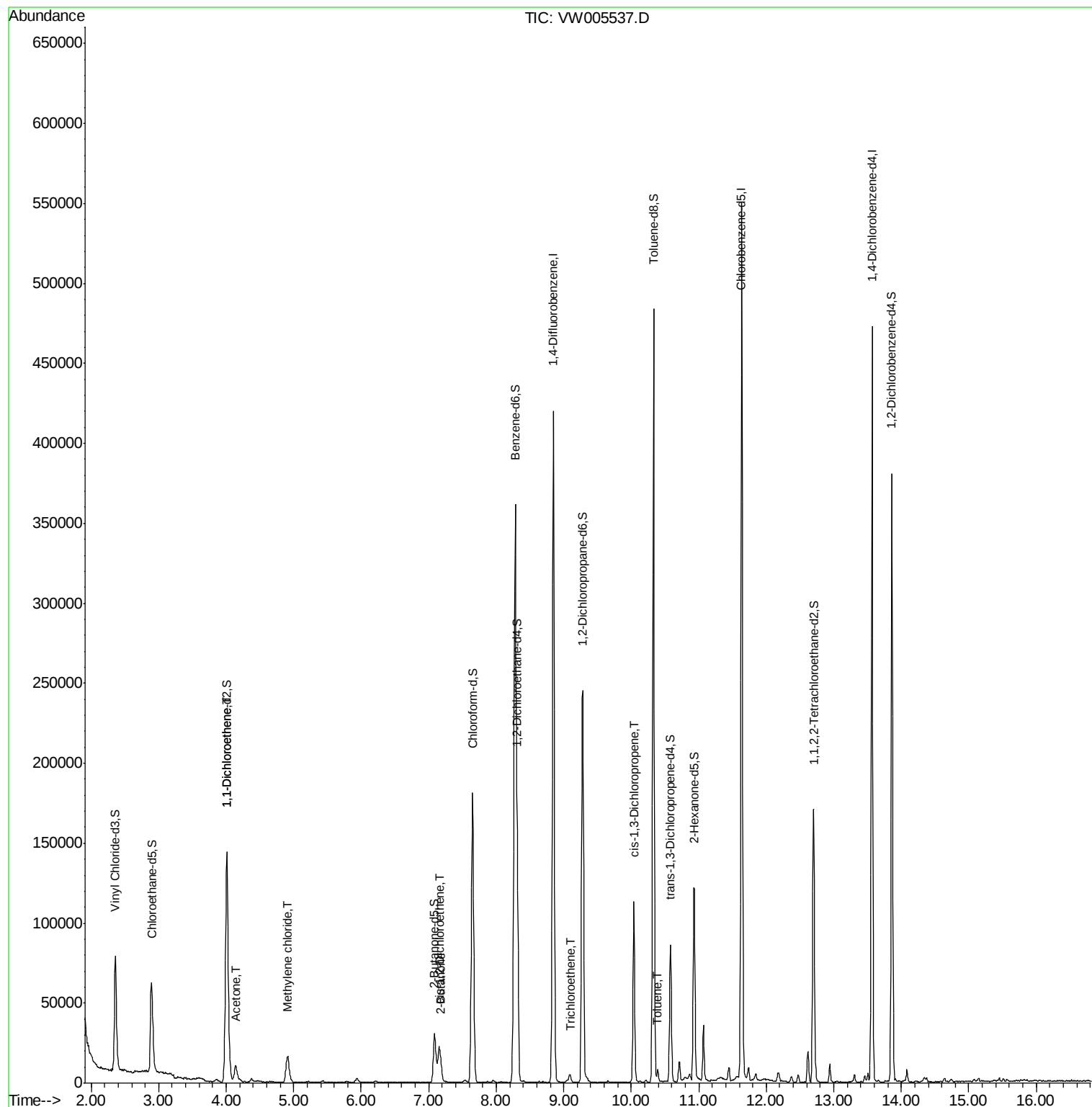
					Qvalue
12) 1,1-Dichloroethene	4.01	96	1480	0.354 ug/L #	1
13) Acetone	4.14	43	17295	11.387 ug/L	94
16) Methylene chloride	4.90	84	12873	2.306 ug/L	95
21) 2-Butanone	7.18	43	7188	3.453 ug/L #	67
22) cis-1,2-Dichloroethene	7.17	96	3552	0.737 ug/L	93
35) Trichloroethene	9.10	95	1381	0.301 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	3246	0.479 ug/L #	69
44) Toluene	10.39	91	5422	0.295 ug/L	89

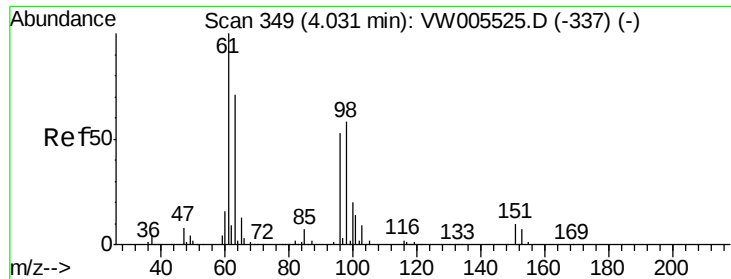
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 0.354 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.03 min

Lab File: VW005537.D

Acq: 20 Sep 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

BE9G0

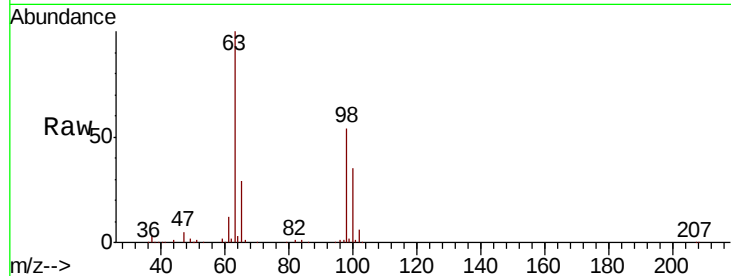
Tgt Ion: 96 Resp: 1480

Ion Ratio Lower Upper

96 100

61 1240.9 129.5 240.5#

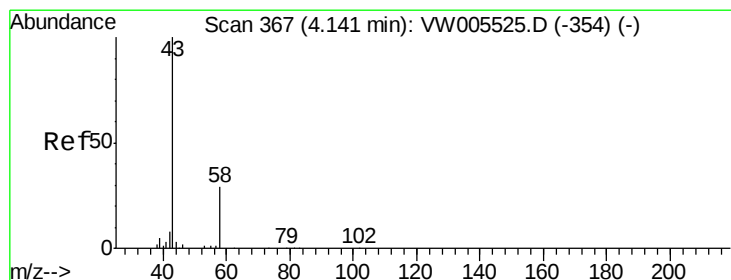
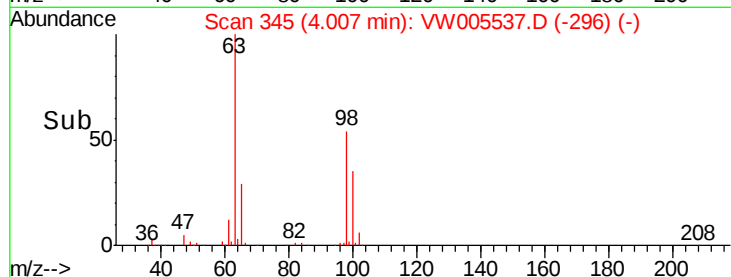
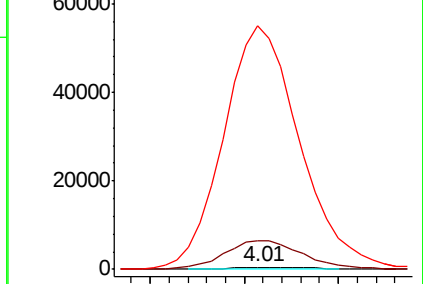
63 10666.7 117.5 218.3#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 11.387 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005537.D

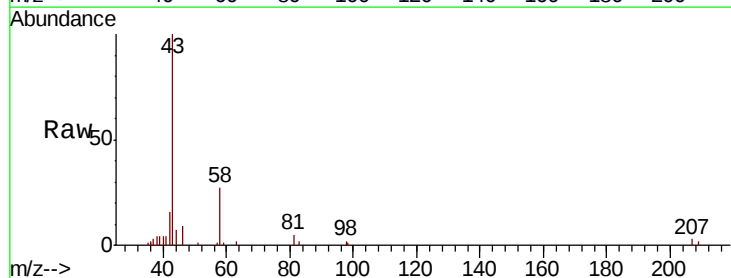
Acq: 20 Sep 2018 16:32

Tgt Ion: 43 Resp: 17295

Ion Ratio Lower Upper

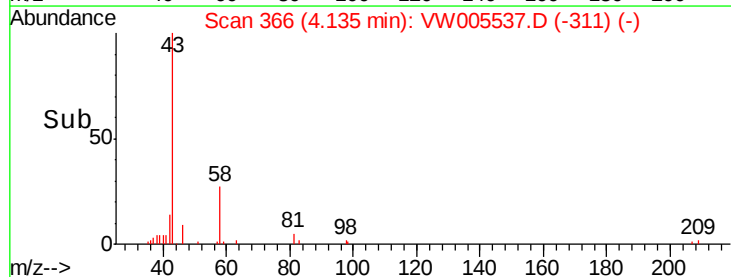
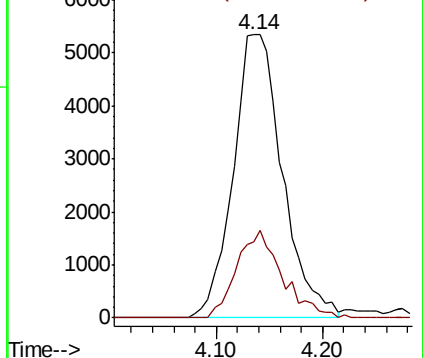
43 100

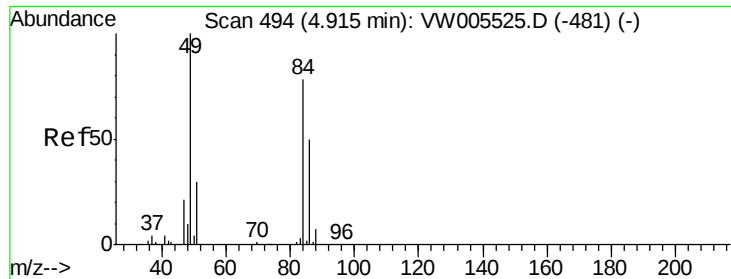
58 26.4 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

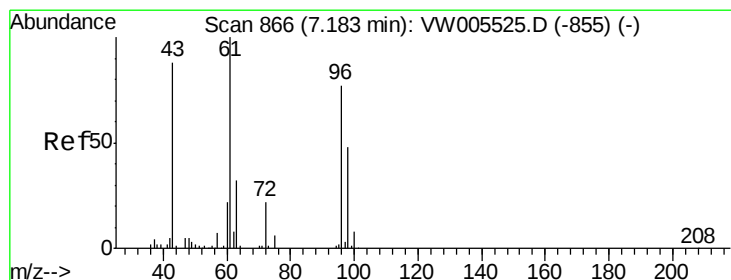
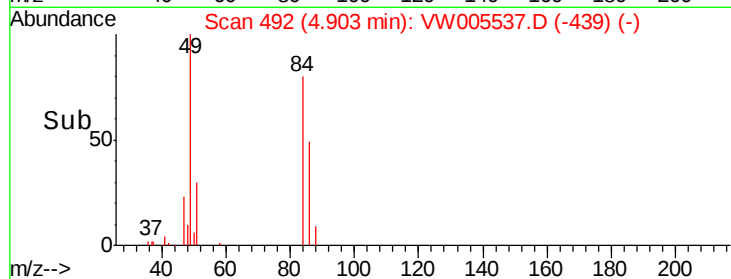
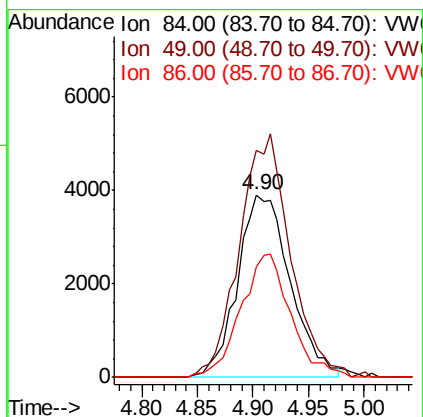
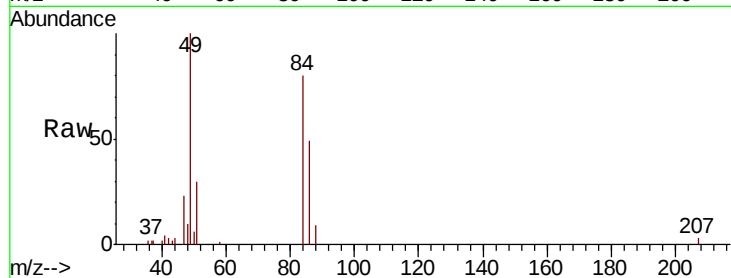




#16
Methylene chloride
Concen: 2.306 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW005537.D
Acq: 20 Sep 2018 16:32

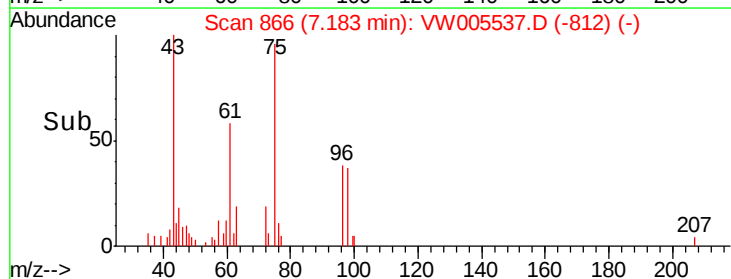
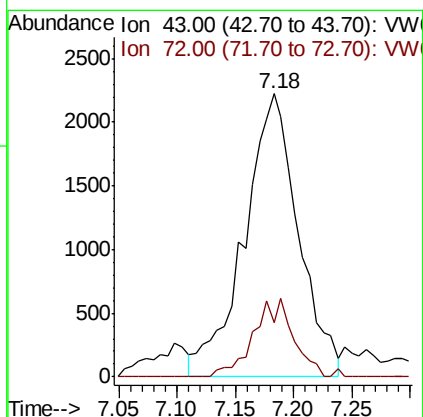
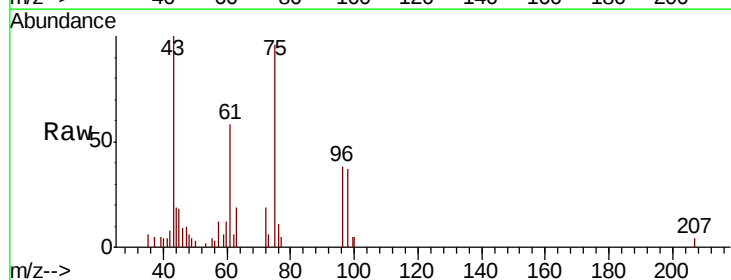
Instrument :
MSVOA_W
ClientSampleId :
BE9G0

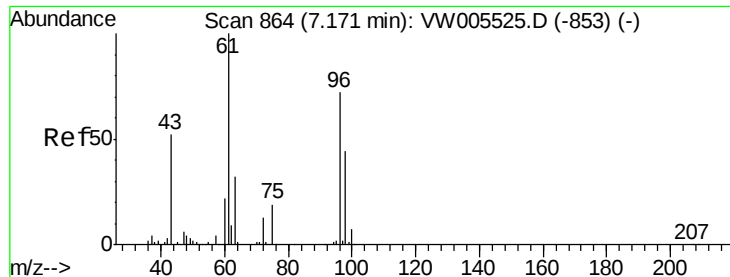
Tgt Ion: 84 Resp: 12873
Ion Ratio Lower Upper
84 100
49 124.4 91.5 169.9
86 60.5 44.8 83.2



#21
2-Butanone
Concen: 3.453 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW005537.D
Acq: 20 Sep 2018 16:32

Tgt Ion: 43 Resp: 7188
Ion Ratio Lower Upper
43 100
72 8.5 12.6 37.6#



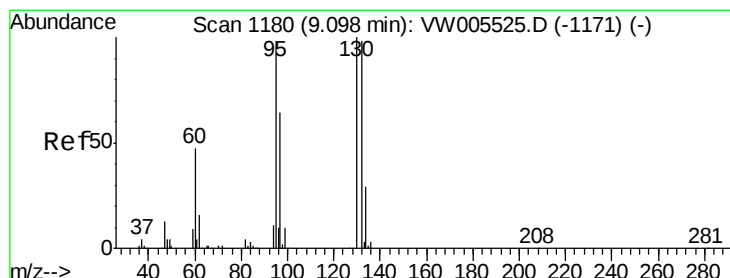
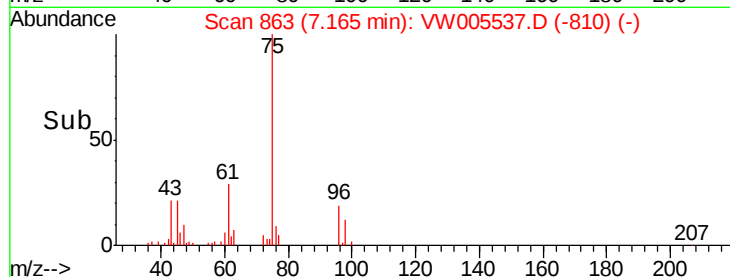
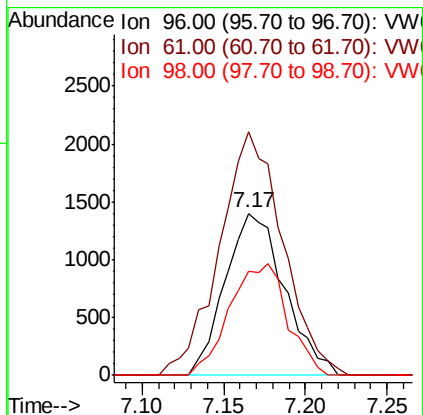
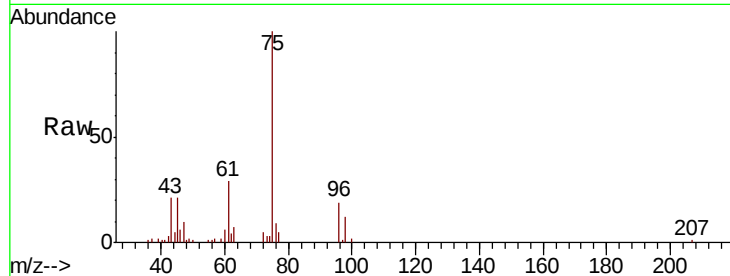


#22

cis-1,2-Dichloroethene
Concen: 0.737 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005537.D
Acq: 20 Sep 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
BE9G0

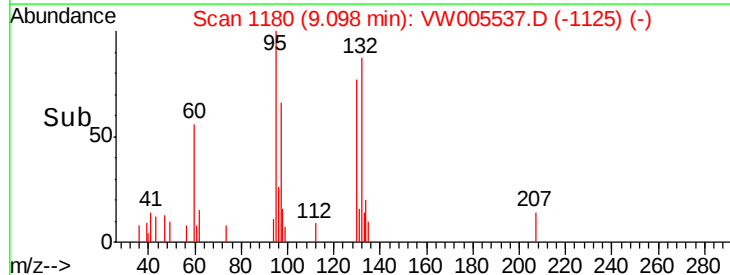
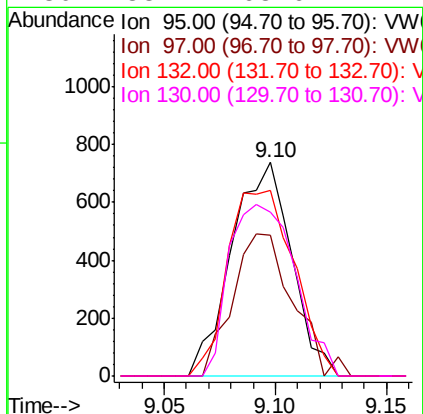
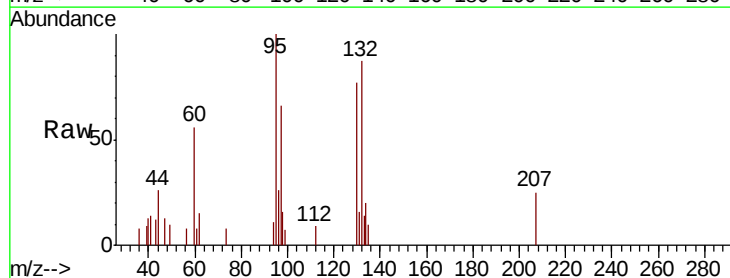
Tgt Ion: 96 Resp: 3552
Ion Ratio Lower Upper
96 100
61 150.0 96.5 179.1
98 64.1 44.1 81.9

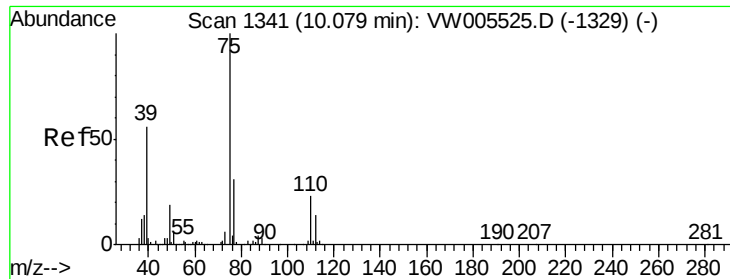


#35

Trichloroethene
Concen: 0.301 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW005537.D
Acq: 20 Sep 2018 16:32

Tgt Ion: 95 Resp: 1381
Ion Ratio Lower Upper
95 100
97 65.5 45.0 83.6
132 96.3 66.4 123.2
130 88.4 68.6 127.4





#42

cis-1,3-Dichloropropene

Concen: 0.479 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005537.D

Acq: 20 Sep 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

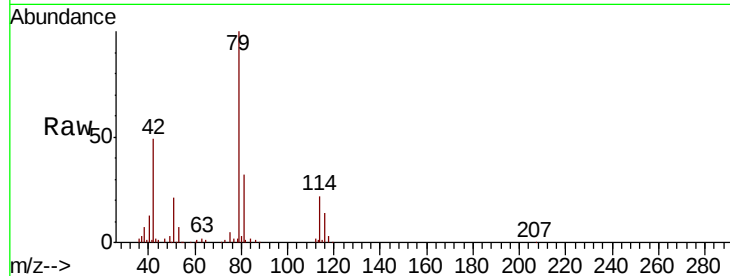
BE9G0

Tgt Ion: 75 Resp: 3246

Ion Ratio Lower Upper

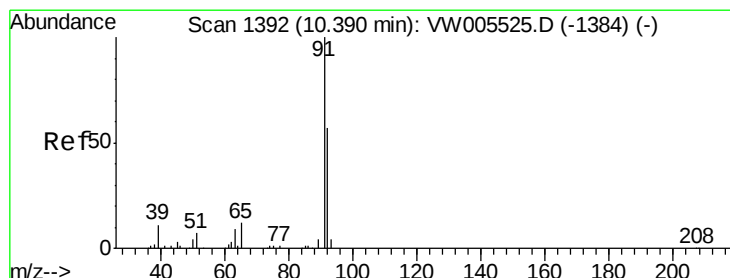
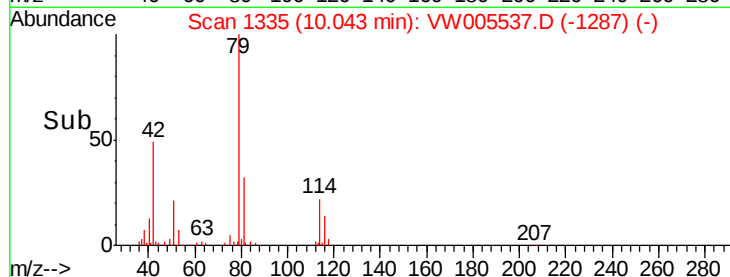
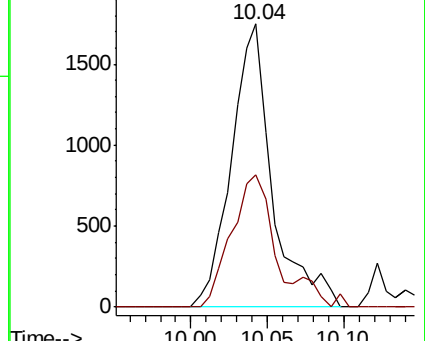
75 100

77 46.9 21.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 0.295 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005537.D

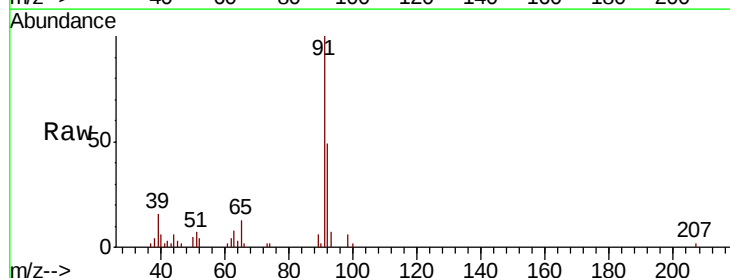
Acq: 20 Sep 2018 16:32

Tgt Ion: 91 Resp: 5422

Ion Ratio Lower Upper

91 100

92 48.7 40.0 74.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

