

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
 Data File : VW003373.D
 Acq On : 21 Jun 2018 00:30
 Operator : SY/AP
 Sample : J3569-20MS
 Misc : 5.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXT2MS

Quant Time: Jun 21 05:06:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 21 05:02:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305610	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	210054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	50245	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119926	28.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.76%
7) Chloroethane-d5	2.89	69	92124	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.56%
10) 1,1-Dichloroethene-d2	4.01	63	221525	26.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.68%
20) 2-Butanone-d5	7.09	46	48132	36.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.70%
24) Chloroform-d	7.65	84	208673	25.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.84%
26) 1,2-Dichloroethane-d4	8.31	65	129809	27.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.68%
29) Benzene-d6	8.27	84	390410	35.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	140.12%#
33) 1,2-Dichloropropane-d6	9.28	67	127188	36.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.20%#
37) Toluene-d8	10.33	98	315148	29.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.28%
38) trans-1,3-Dichloropropene-	10.58	79	25824	15.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.36%
39) 2-Hexanone-d5	10.93	63	20791	28.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.66%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	76079	23.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	44886	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

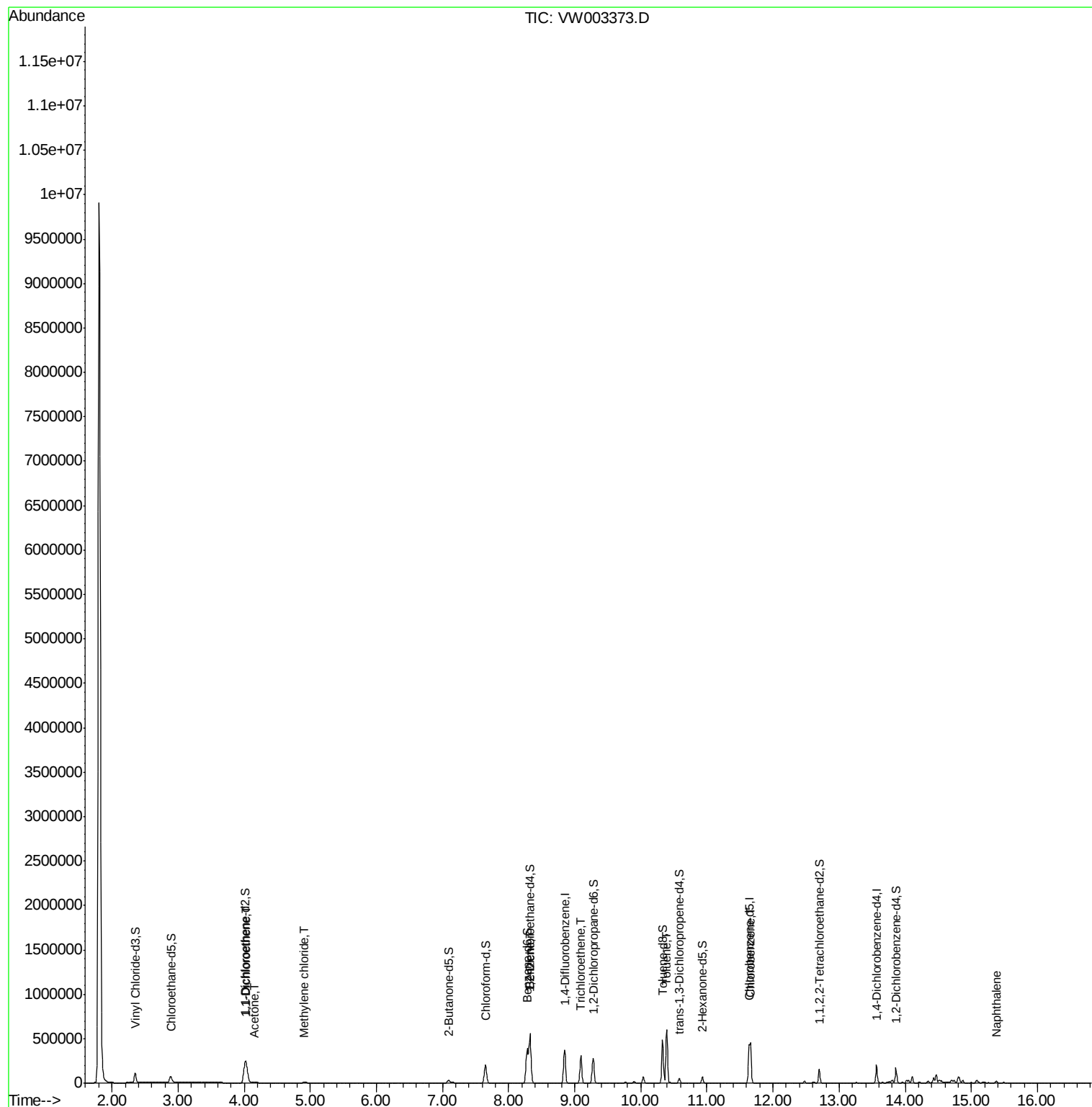
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	101904	26.675	ug/L	98
13) Acetone	4.15	43	12112	8.700	ug/L	85
16) Methylene chloride	4.92	84	8903	2.114	ug/L	93
34) Benzene	8.33	78	448528	37.445	ug/L	100
35) Trichloroethene	9.09	95	106935	33.123	ug/L	99
44) Toluene	10.39	91	419331	32.279	ug/L	98
52) Chlorobenzene	11.66	112	211911	25.121	ug/L	98
69) Naphthalene	15.38	128	17917	4.900	ug/L	98

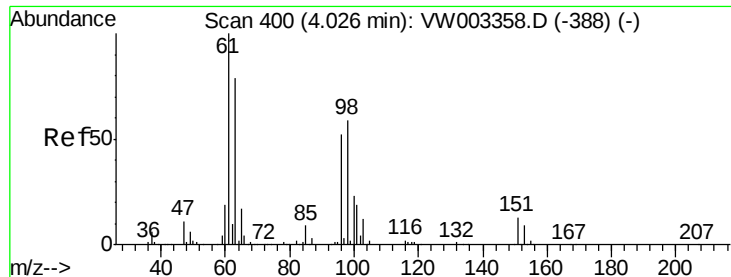
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 21 05:02:42 2018
Response via : Initial Calibration

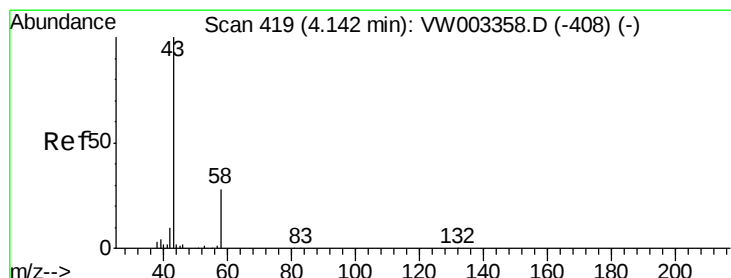
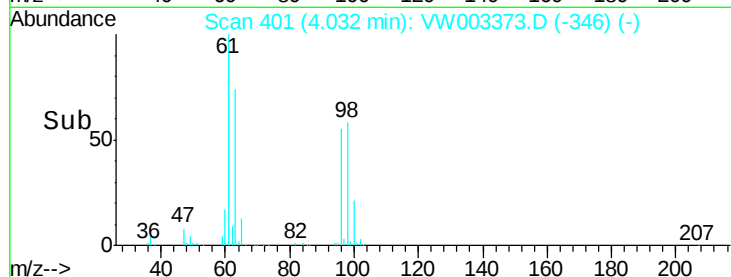
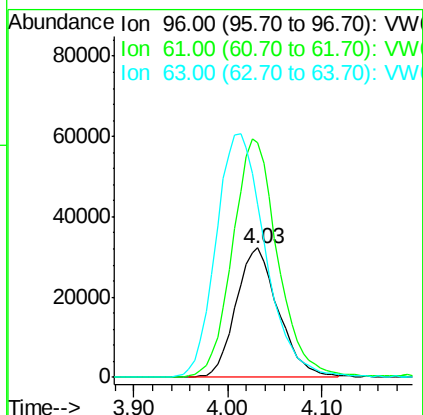
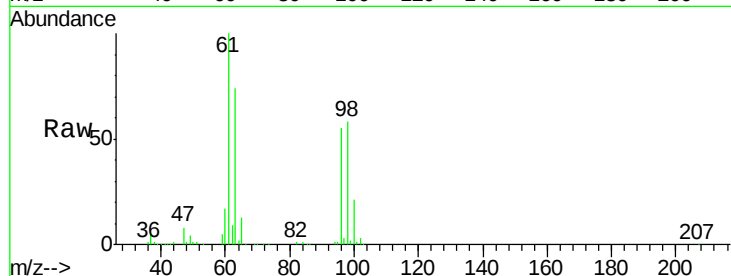




#12
 1,1-Dichloroethene
 Concen: 26.675 ug/L
 RT: 4.03 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: VW003373.D
 Acq: 21 Jun 2018 00:30

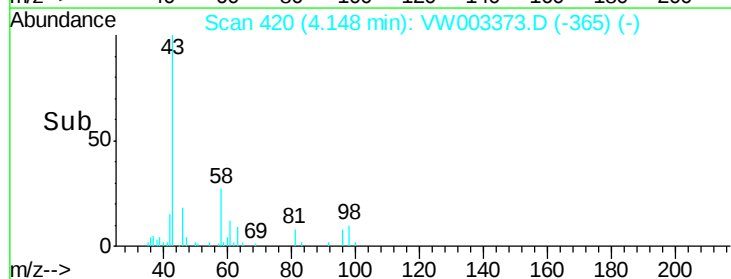
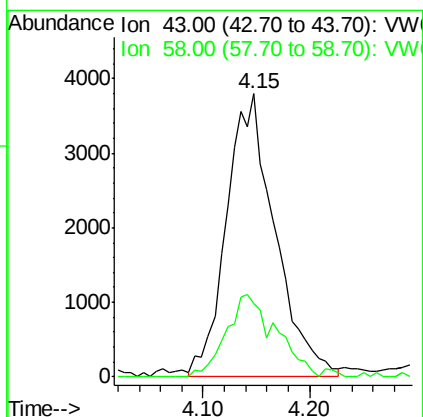
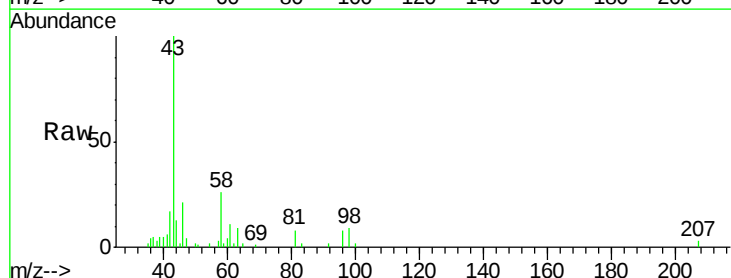
Instrument :
 MSVOA_W
 ClientSampleId :
 DAXT2MS

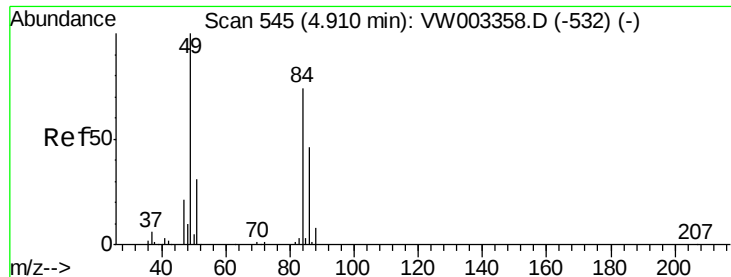
Tgt Ion: 96 Resp: 101904
 Ion Ratio Lower Upper
 96 100
 61 181.7 124.1 230.5
 63 134.1 93.1 172.9



#13
 Acetone
 Concen: 8.700 ug/L
 RT: 4.15 min Scan# 420
 Delta R.T. 0.01 min
 Lab File: VW003373.D
 Acq: 21 Jun 2018 00:30

Tgt Ion: 43 Resp: 12112
 Ion Ratio Lower Upper
 43 100
 58 21.4 0.0 58.6

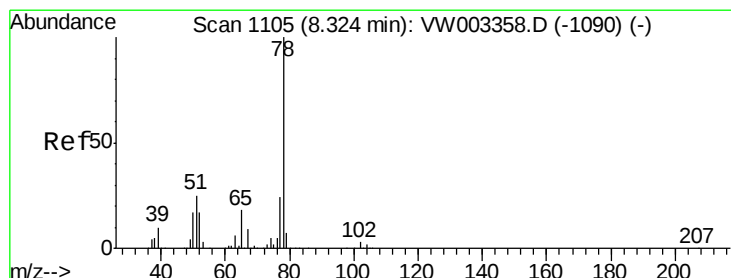
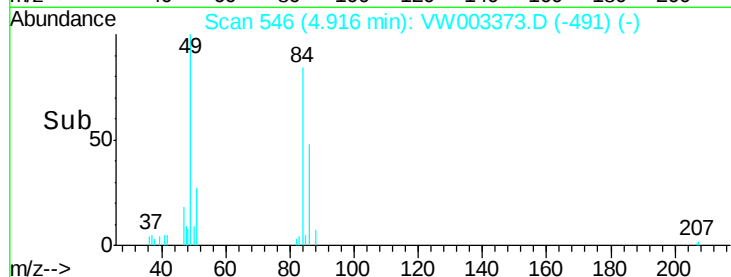
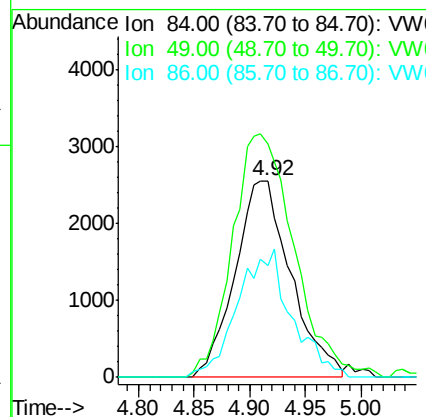
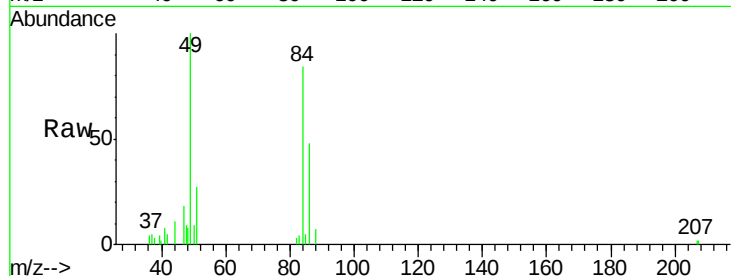




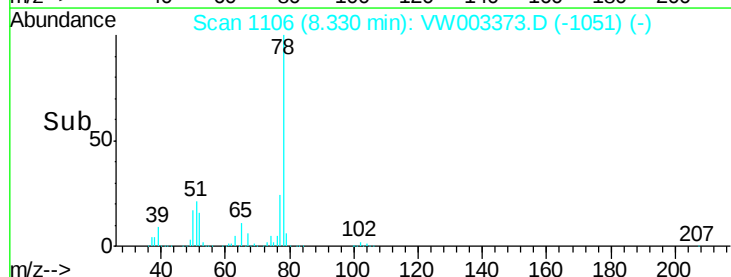
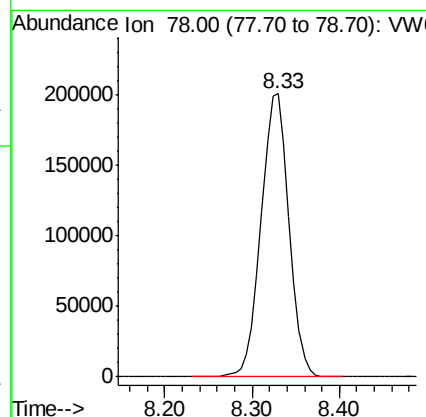
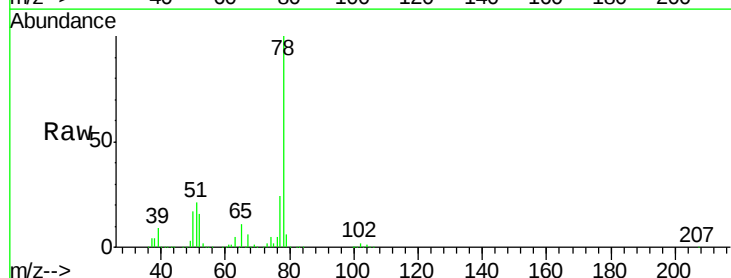
#16
Methylene chloride
Concen: 2.114 ug/L
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003373.D
Acq: 21 Jun 2018 00:30

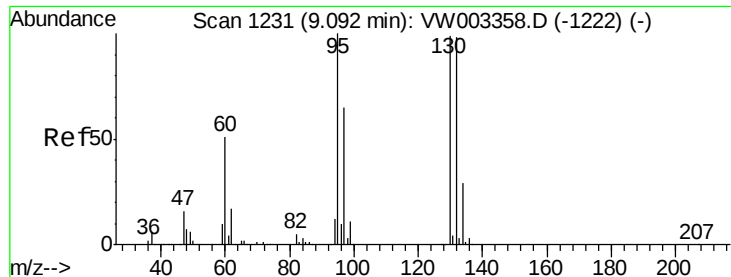
Instrument :
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ClientSampleId :
DAXT2MS

Tgt Ion: 84 Resp: 8903
Ion Ratio Lower Upper
84 100
49 118.7 88.7 164.7
86 56.8 44.2 82.0



#34
Benzene
Concen: 37.445 ug/L
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW003373.D
Acq: 21 Jun 2018 00:30
Tgt Ion: 78 Resp: 448528

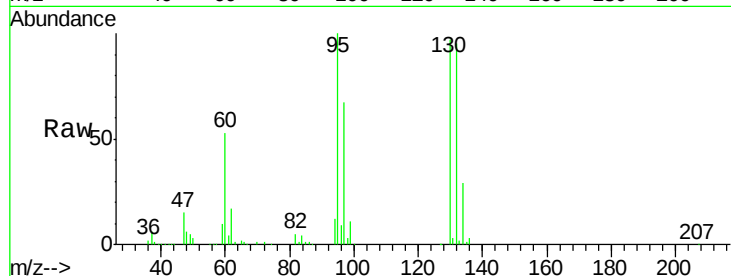




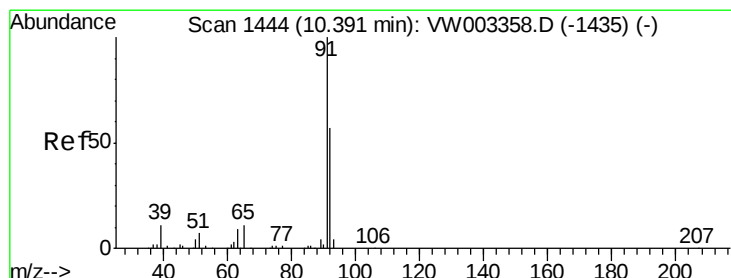
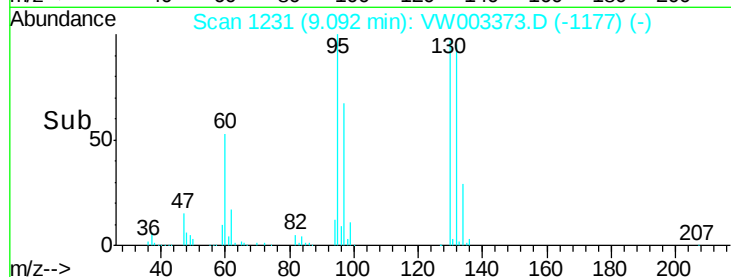
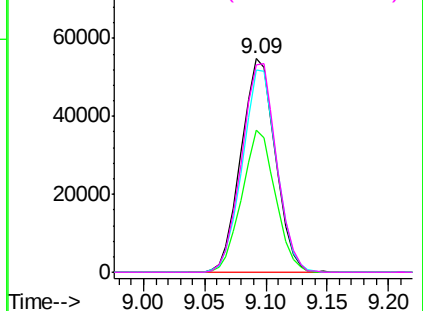
#35
 Trichloroethene
 Concen: 33.123 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW003373.D
 Acq: 21 Jun 2018 00:30

Instrument :
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 DAXT2MS

Tgt Ion:	95	Resp:	106935
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.6	84.6
132	94.9	67.8	125.8
130	99.3	70.6	131.0

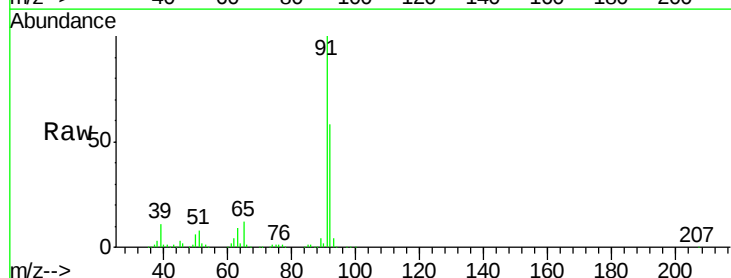


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

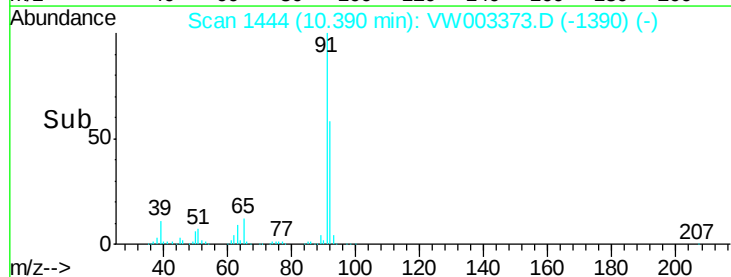
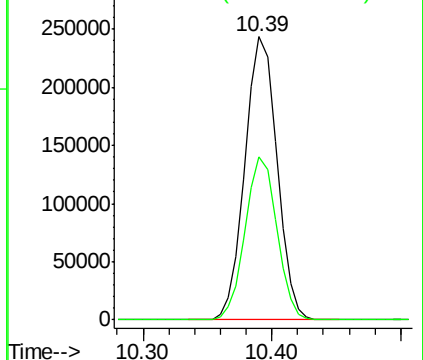


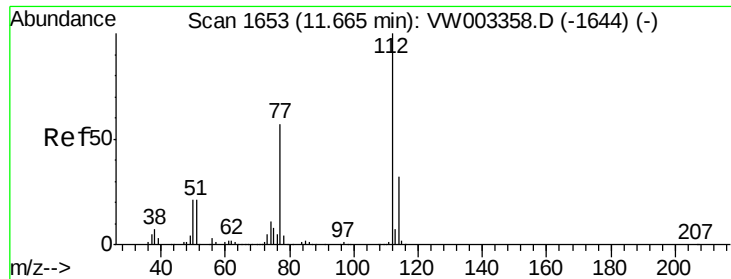
#44
 Toluene
 Concen: 32.279 ug/L
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003373.D
 Acq: 21 Jun 2018 00:30

Tgt Ion:	91	Resp:	419331
Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.5	73.4



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 25.121 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW003373.D

Acq: 21 Jun 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

DAXT2MS

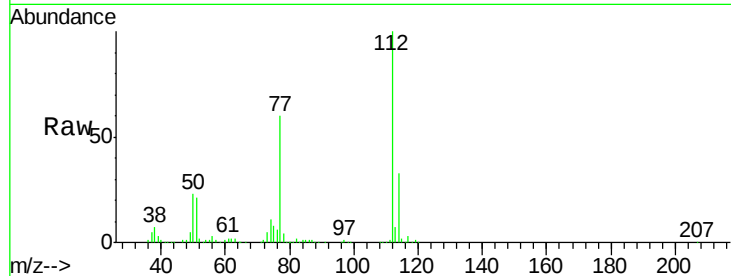
Tgt Ion:112 Resp: 211911

Ion Ratio Lower Upper

112 100

77 60.4 47.3 70.9

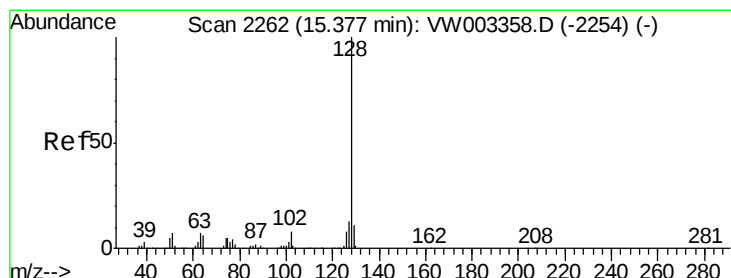
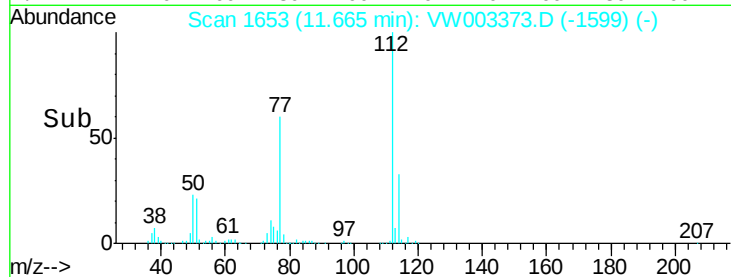
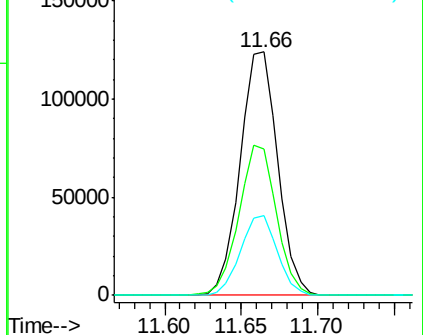
114 32.7 22.2 41.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 114.00 (113.70 to 114.70): V



#69

Naphthalene

Concen: 4.900 ug/L

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW003373.D

Acq: 21 Jun 2018 00:30

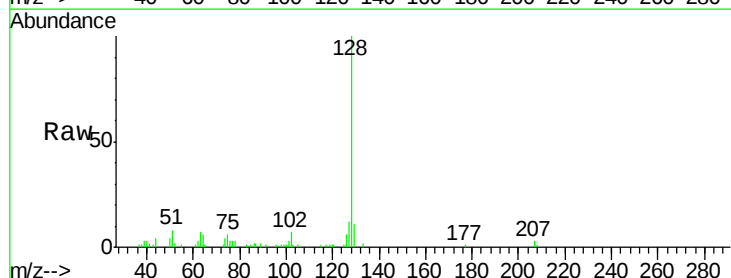
Tgt Ion:128 Resp: 17917

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

127 14.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

