

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
 Data File : VW006885.D
 Acq On : 14 Nov 2018 23:52
 Operator : SY/AP
 Sample : J5944-03MSD
 Misc : 4.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETHS2MSD

Quant Time: Nov 15 10:35:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 15 03:38:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	176459	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	170037	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	75984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38456	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.20%
7) Chloroethane-d5	2.89	69	29738	26.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.48%
10) 1,1-Dichloroethene-d2	4.03	63	99110	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.72%
20) 2-Butanone-d5	7.09	46	28494	33.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.00%
24) Chloroform-d	7.65	84	92623	23.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	8.31	65	54856	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.52%
29) Benzene-d6	8.28	84	206620	23.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.00%
33) 1,2-Dichloropropane-d6	9.27	67	63593	23.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.48%
37) Toluene-d8	10.33	98	212640	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.44%
38) trans-1,3-Dichloropropene-	10.58	79	26203	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.68%
39) 2-Hexanone-d5	10.93	63	23219	34.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	48402	20.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	68561	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%

Target Compounds

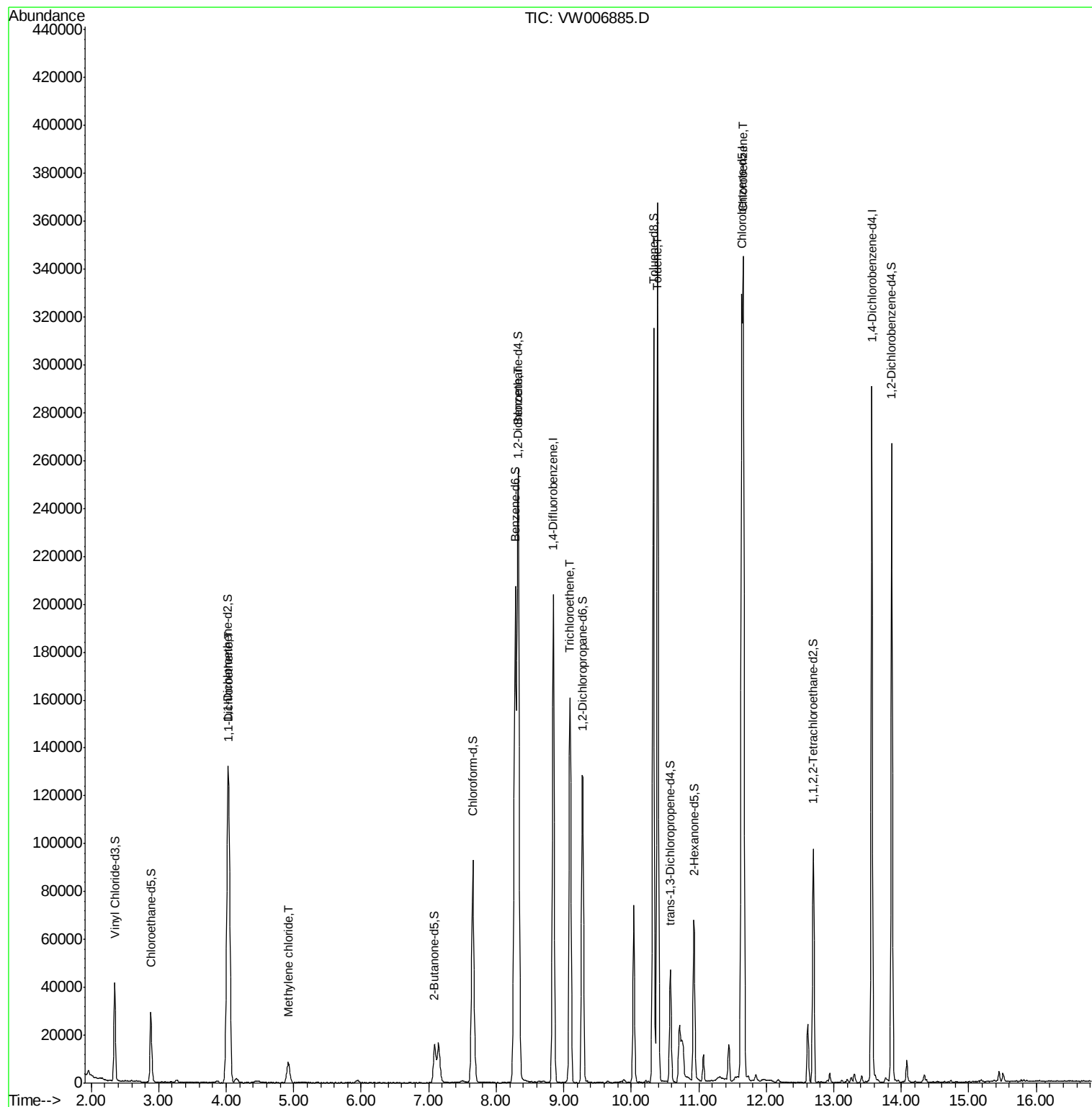
					Ovalue
12) 1,1-Dichloroethene	4.04	96	48100	23.860 ug/L	96
16) Methylene chloride	4.92	84	6700	2.171 ug/L	96
34) Benzene	8.33	78	226123	23.779 ug/L	100
35) Trichloroethene	9.09	95	58838	22.717 ug/L	99
44) Toluene	10.39	91	269928	24.791 ug/L	99
52) Chlorobenzene	11.66	112	170344	24.874 ug/L	99

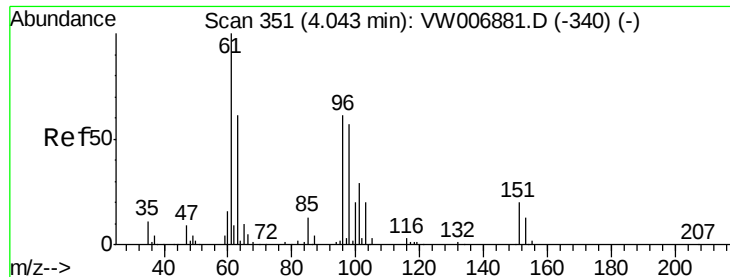
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 15 03:38:37 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.860 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW006885.D

Acq: 14 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

ETHS2MSD

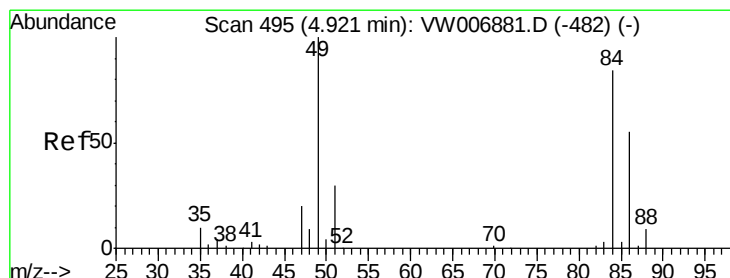
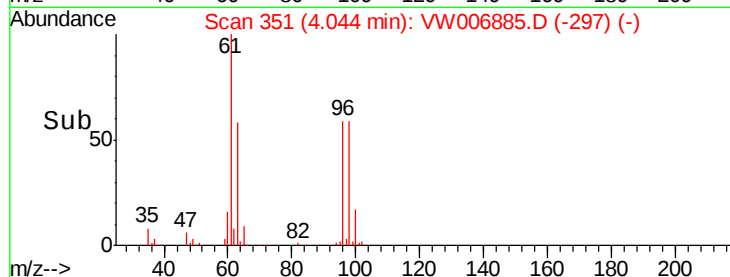
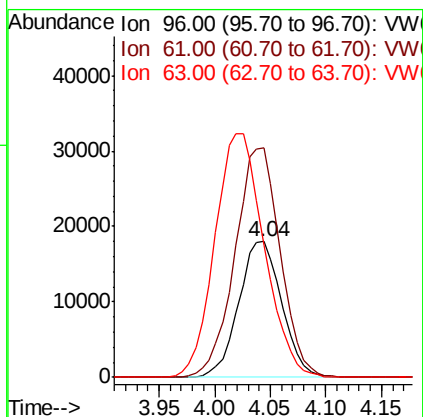
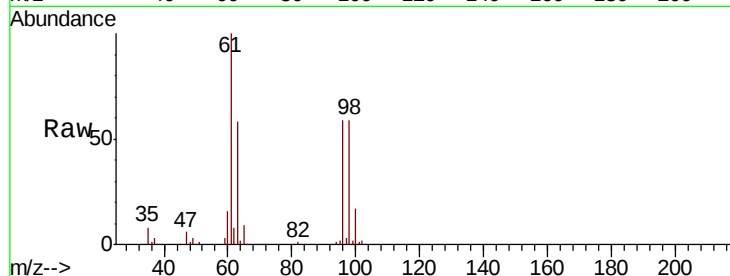
Tot Ion: 96 Resp: 48100

Ion Ratio Lower Upper

96 100

61 169.1 116.3 215.9

63 97.6 73.4 136.4



#16

Methylene chloride

Concen: 2.171 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006885.D

Acq: 14 Nov 2018 23:52

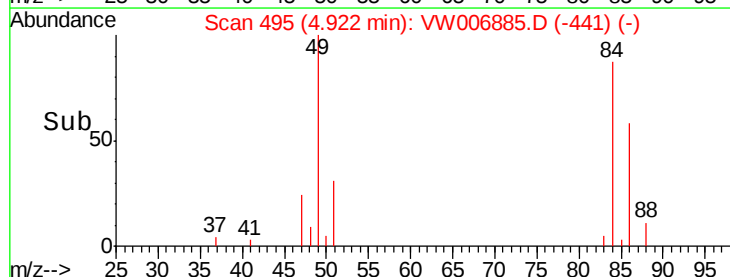
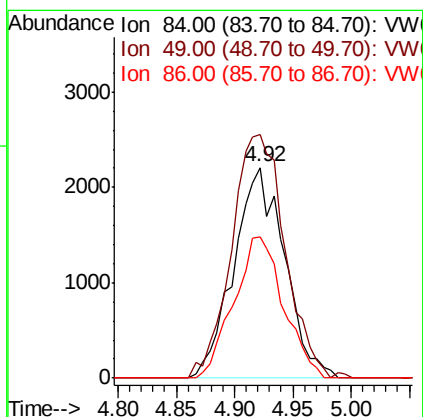
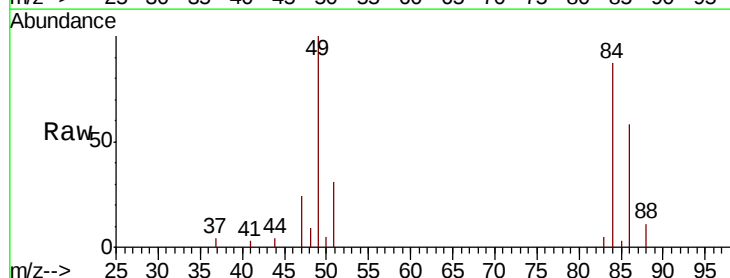
Tgt Ion: 84 Resp: 6700

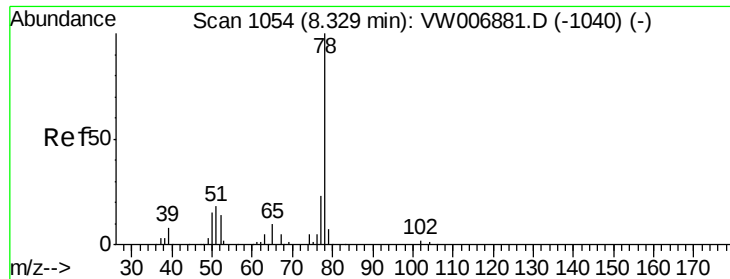
Ion Ratio Lower Upper

84 100

49 115.5 79.3 147.3

86 67.2 43.5 80.9





#34

Benzene

Concen: 23.779 ug/L

RT: 8.33 min Scan# 1054

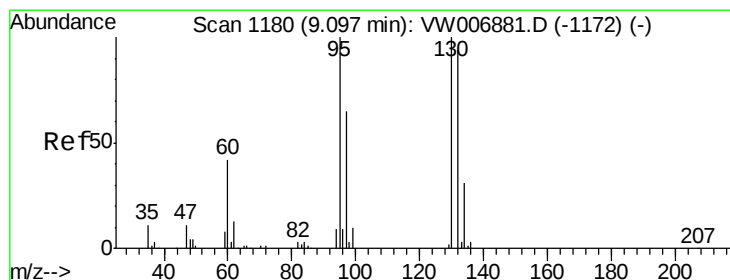
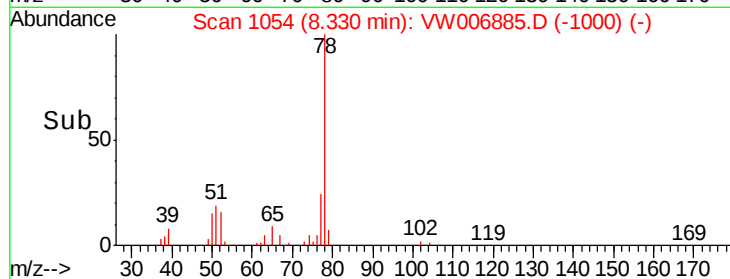
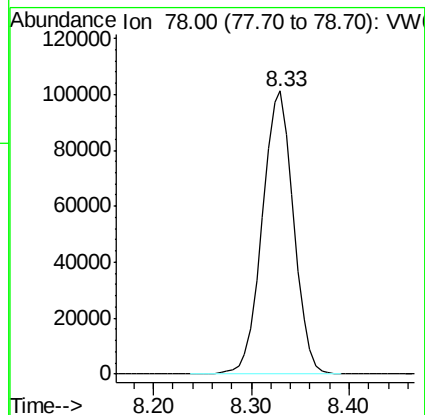
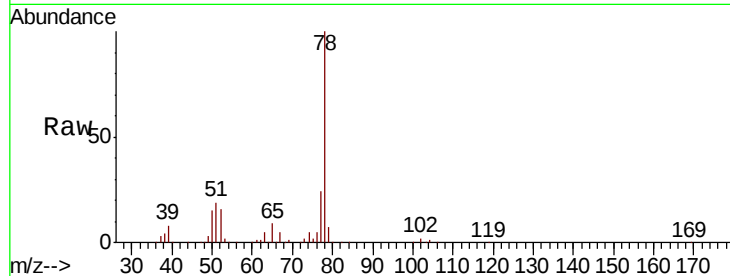
Delta R.T. 0.00 min

Lab File: VW006885.D

Acq: 14 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
ETHS2MSD

Tgt Ion: 78 Resp: 226123



#35

Trichloroethene

Concen: 22.717 ug/L

RT: 9.09 min Scan# 1179

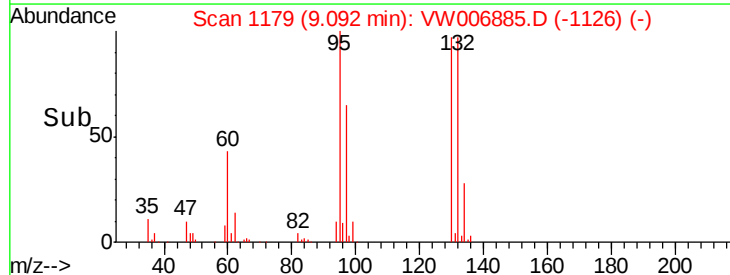
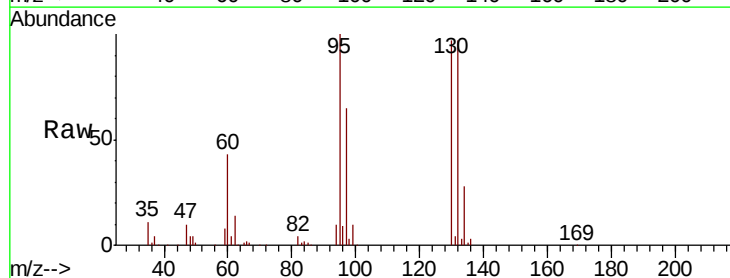
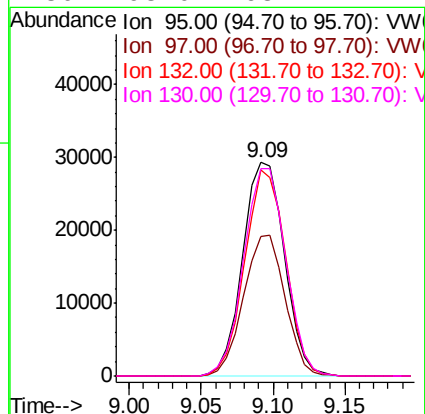
Delta R.T. -0.01 min

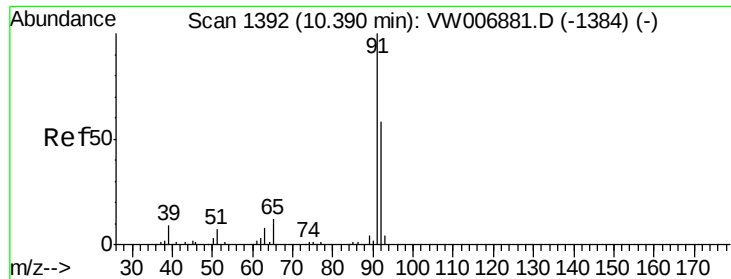
Lab File: VW006885.D

Acq: 14 Nov 2018 23:52

Tgt Ion: 95 Resp: 58838

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.1	83.9
132	94.7	65.7	121.9
130	98.0	68.7	127.7





#44

Toluene

Concen: 24.791 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006885.D

Acq: 14 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

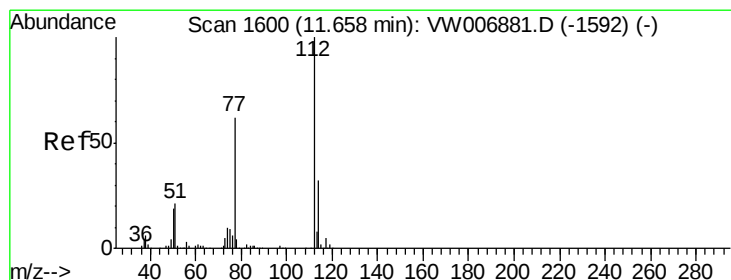
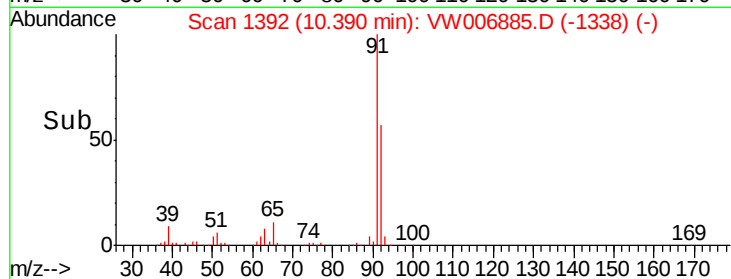
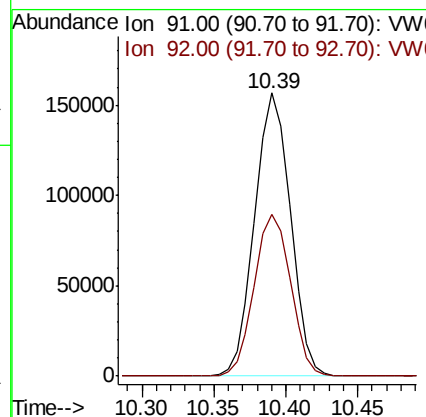
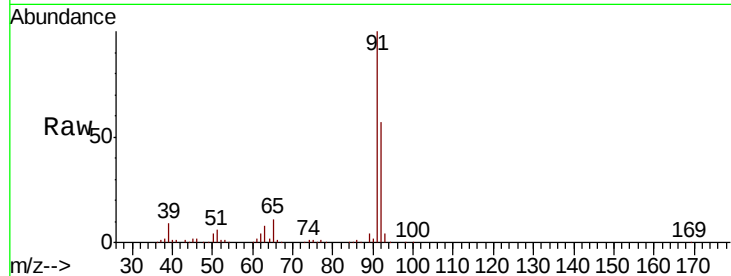
ETHS2MSD

Tot Ion: 91 Resp: 269928

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.3



#52

Chlorobenzene

Concen: 24.874 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006885.D

Acq: 14 Nov 2018 23:52

Tgt Ion: 112 Resp: 170344

Ion Ratio Lower Upper

112 100

77 60.4 47.8 71.8

114 32.2 22.3 41.5

