

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 03:41:57 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

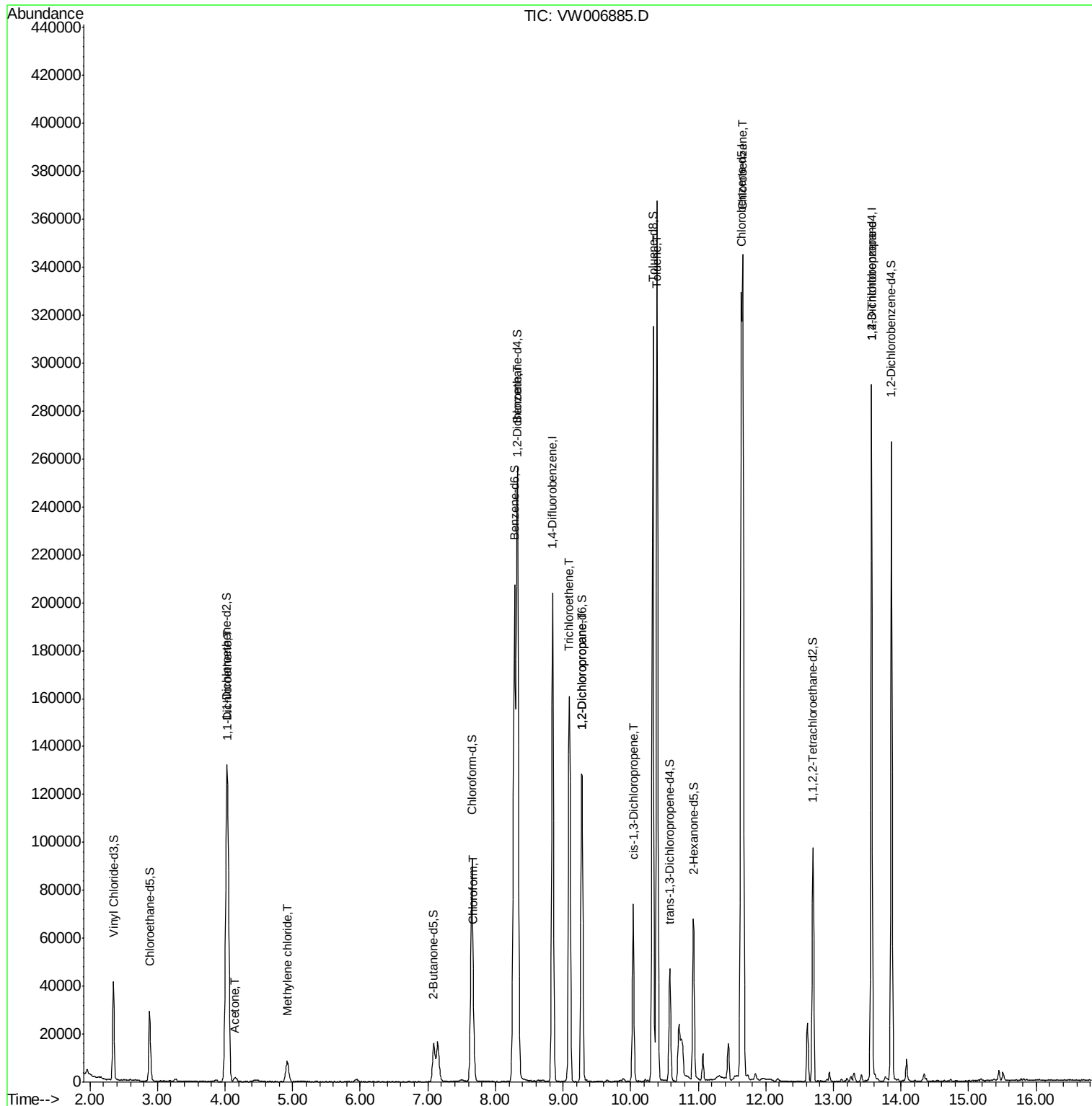
					Qvalue
12) 1,1-Dichloroethene	4.04	96	48100	23.860 ug/L	96
13) Acetone	4.14	43	1241	2.231 ug/L	94
16) Methylene chloride	4.92	84	6700	2.171 ug/L	96
25) Chloroform	7.68	83	6107	1.406 ug/L	82
34) Benzene	8.33	78	226123	23.779 ug/L	100
35) Trichloroethene	9.09	95	58838	22.717 ug/L	99
40) 1,2-Dichloropropane	9.28	63	6834	2.917 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1691	0.478 ug/L #	65
44) Toluene	10.39	91	269928	24.791 ug/L	99
52) Chlorobenzene	11.66	112	170344	24.874 ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	8933	5.041 ug/L	88

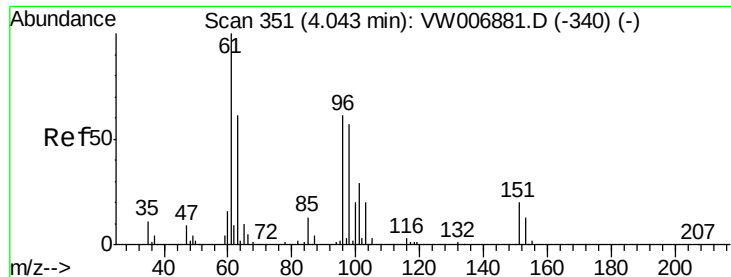
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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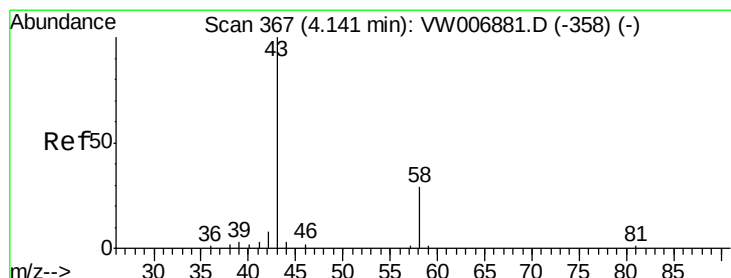
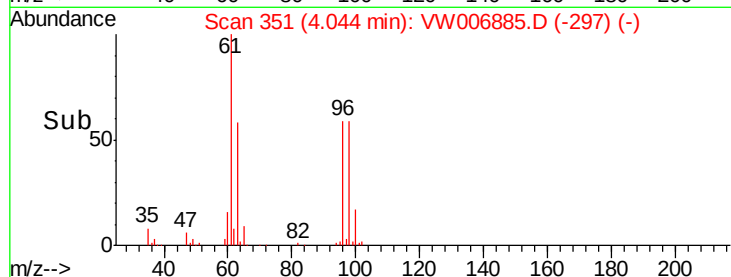
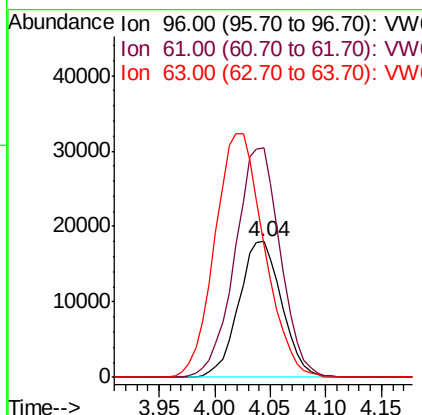
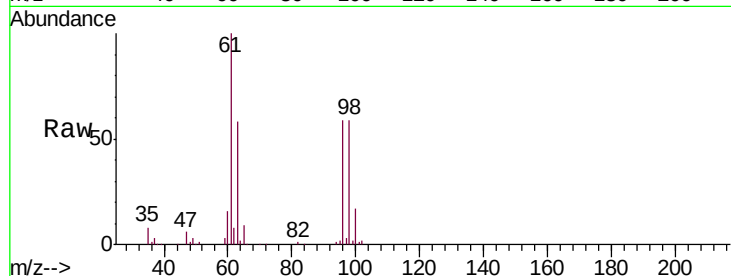




#12
 1,1-Dichloroethene
 Concen: 23.860 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW006885.D
 Acq: 14 Nov 2018 23:52

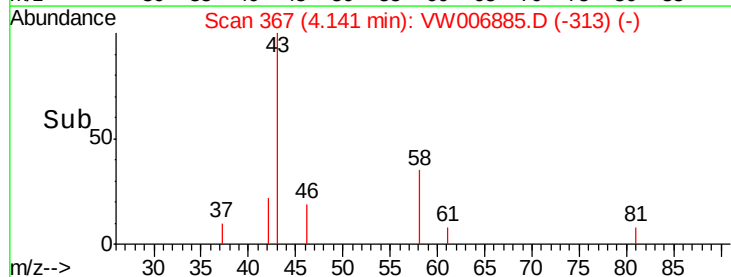
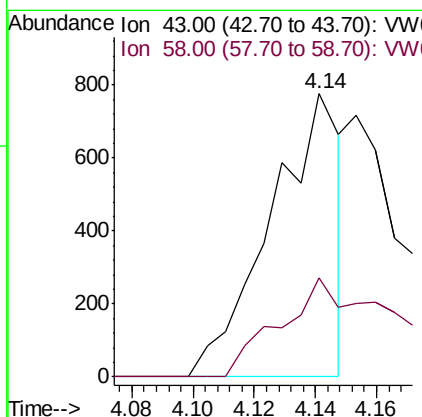
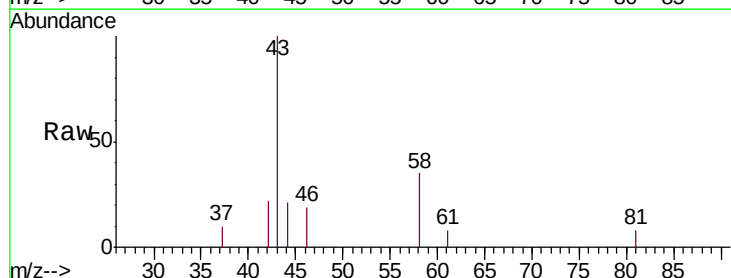
Instrument :
 MSVOA_W
 ClientSampleId :
 ETHS2MSD

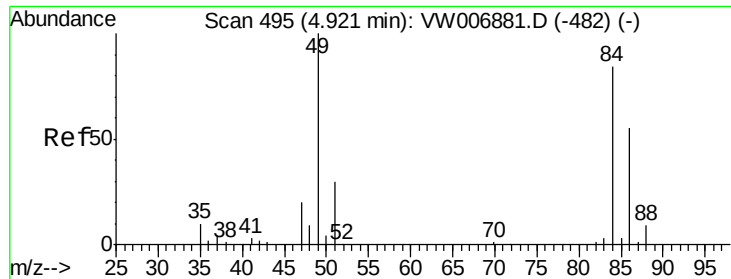
Tgt Ion: 96 Resp: 48100
 Ion Ratio Lower Upper
 96 100
 61 169.1 116.3 215.9
 63 97.6 73.4 136.4



#13
 Acetone
 Concen: 2.231 ug/L
 RT: 4.14 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VW006885.D
 Acq: 14 Nov 2018 23:52

Tgt Ion: 43 Resp: 1241
 Ion Ratio Lower Upper
 43 100
 58 29.3 0.0 65.6

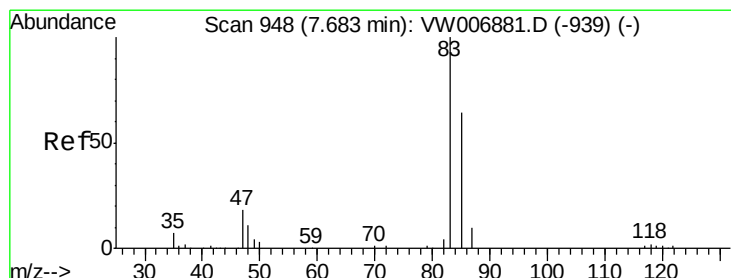
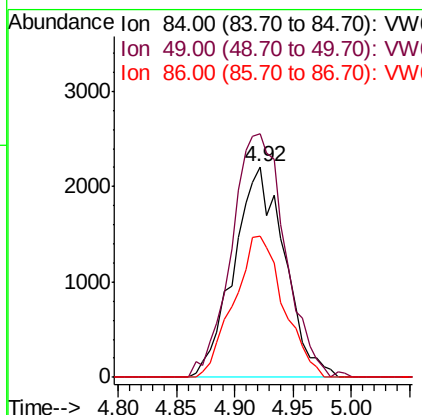
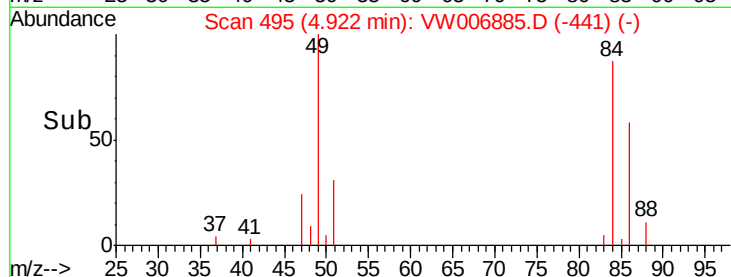
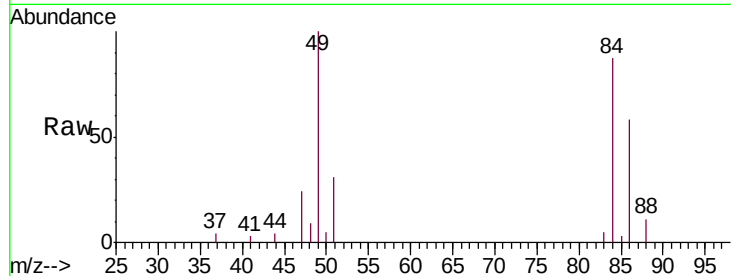




#16
Methylene chloride
Concen: 2.171 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006885.D
Acq: 14 Nov 2018 23:52

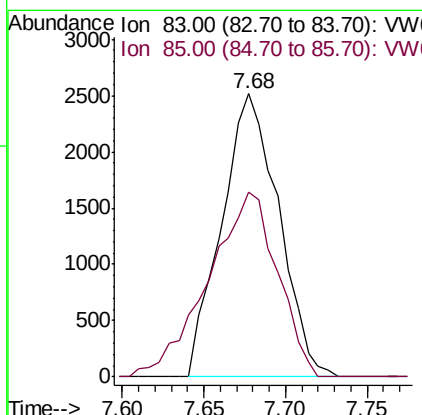
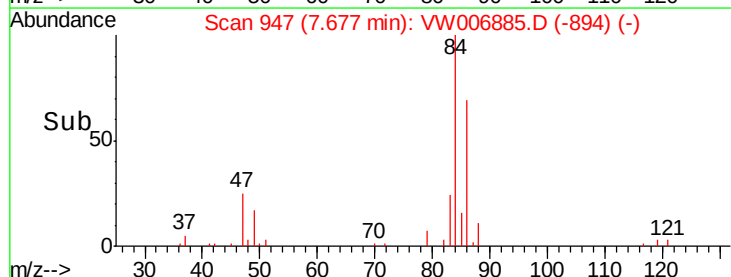
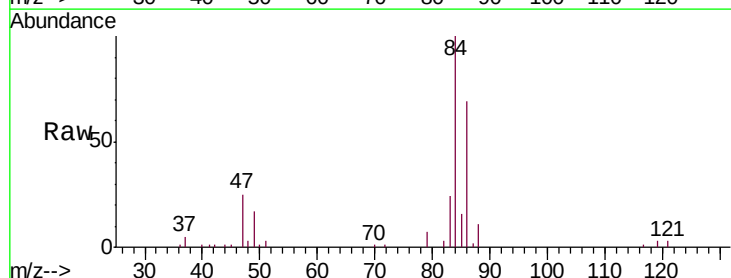
Instrument :
MSVOA_W
ClientSampleId :
ETHS2MSD

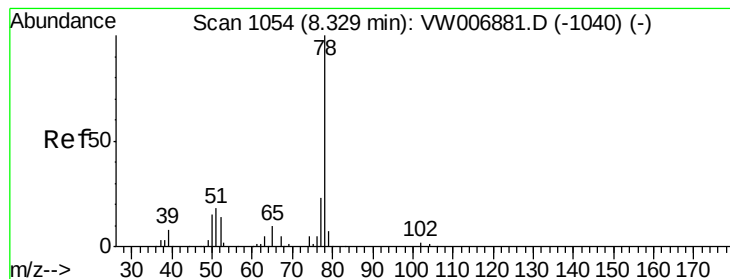
Tgt Ion: 84 Resp: 6700
Ion Ratio Lower Upper
84 100
49 115.5 79.3 147.3
86 67.2 43.5 80.9



#25
Chloroform
Concen: 1.406 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006885.D
Acq: 14 Nov 2018 23:52

Tgt Ion: 83 Resp: 6107
Ion Ratio Lower Upper
83 100
85 79.2 45.4 84.2





#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

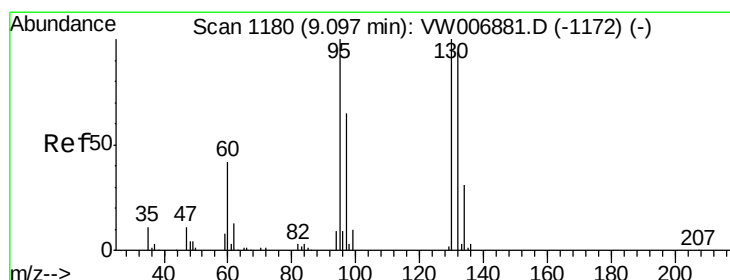
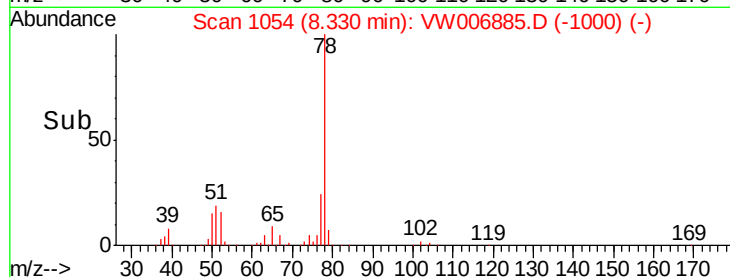
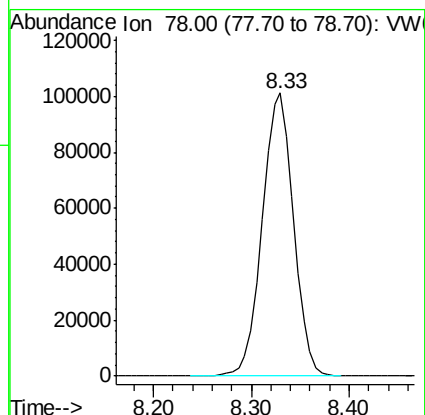
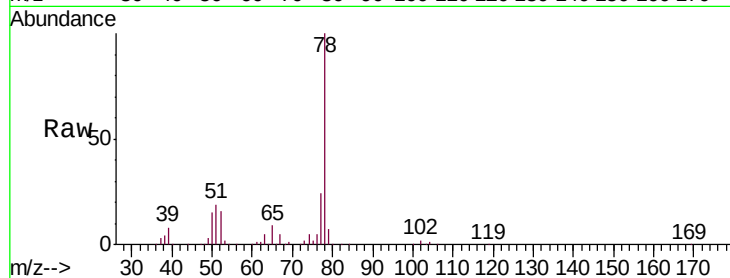
Instrument :

MSVOA_W

ClientSampleId :

ETHS2MSD

Tgt Ion: 78 Resp: 226123



#35

Trichloroethene

Concen: 22.717 ug/L

RT: 9.09 min Scan# 1179

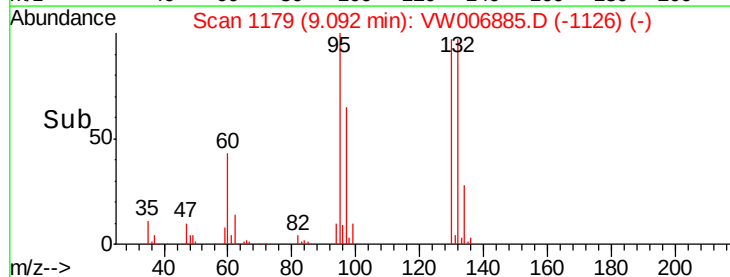
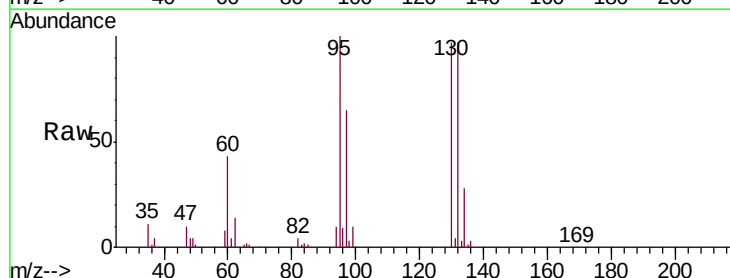
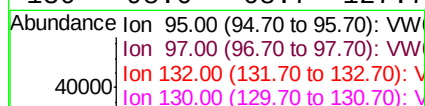
Delta R.T. -0.01 min

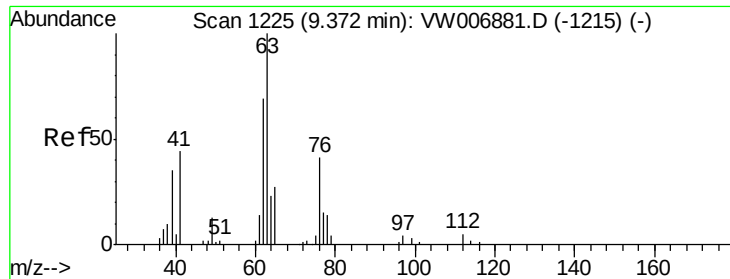
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Tgt Ion: 95 Resp: 58838

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





#40

1,2-Dichloropropane

Concen: 2.917 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006885.D

Acq: 14 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

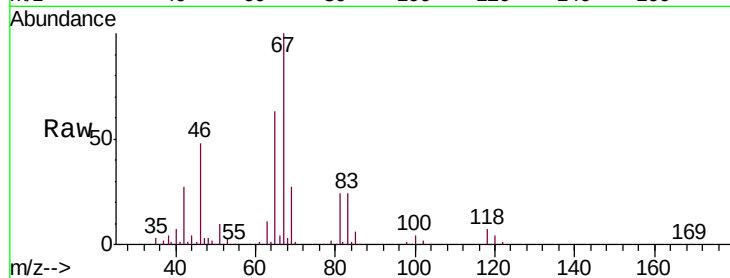
ETHS2MSD

Tgt Ion: 63 Resp: 6834

Ion Ratio Lower Upper

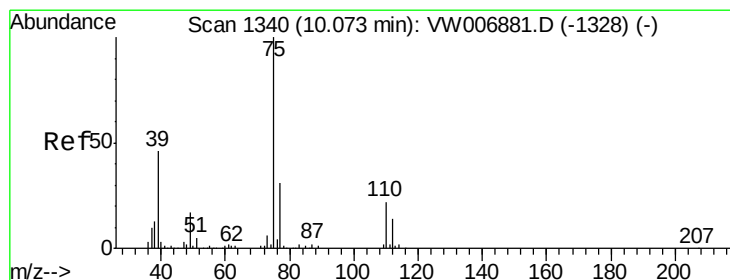
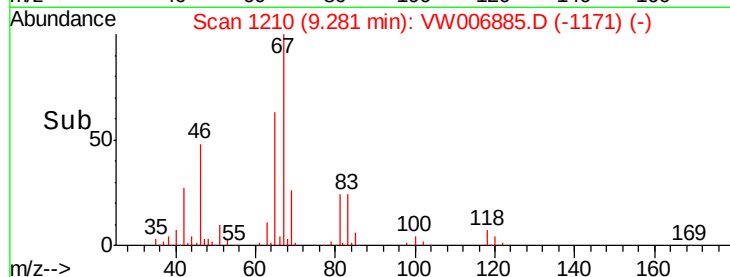
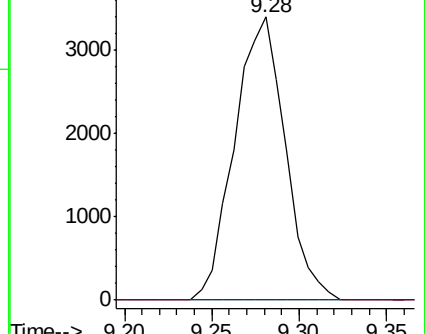
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.478 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006885.D

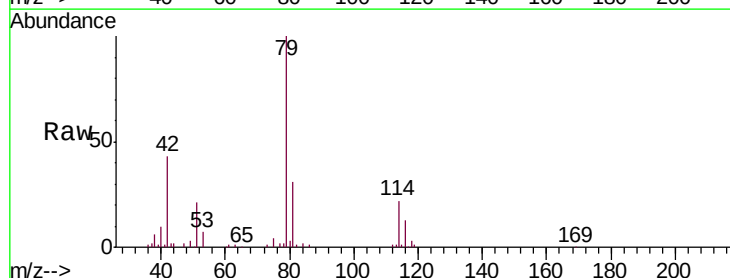
Acq: 14 Nov 2018 23:52

Tgt Ion: 75 Resp: 1691

Ion Ratio Lower Upper

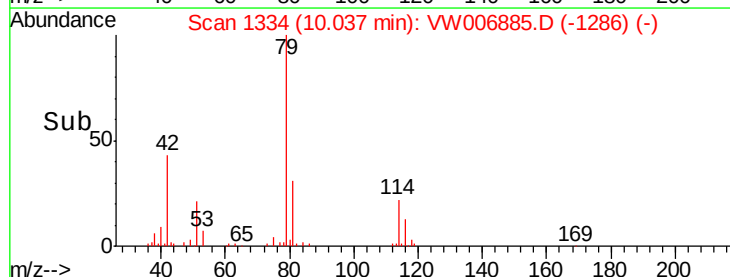
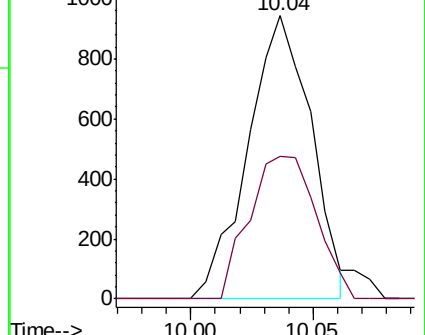
75 100

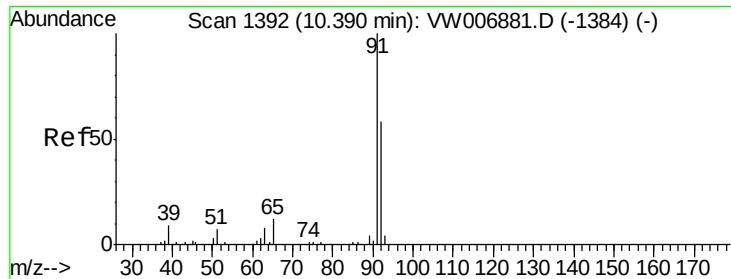
77 50.5 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 24.791 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006885.D

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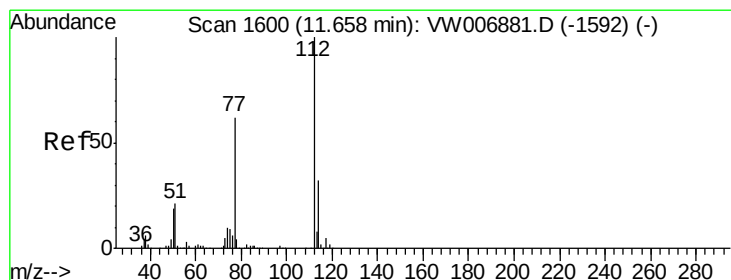
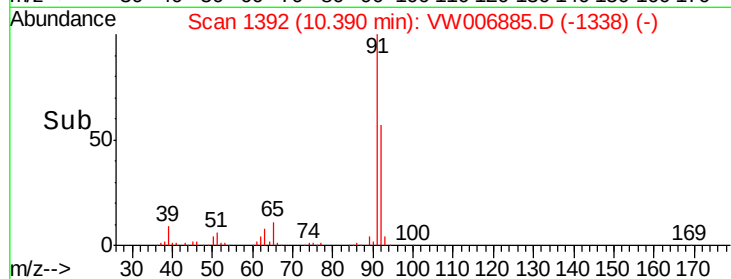
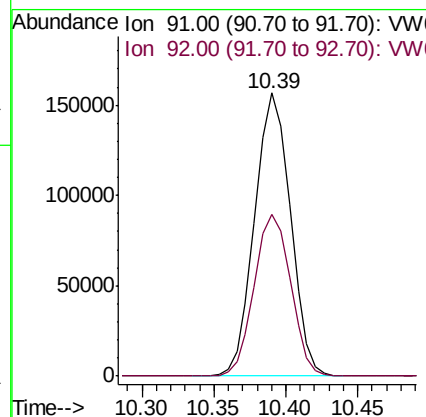
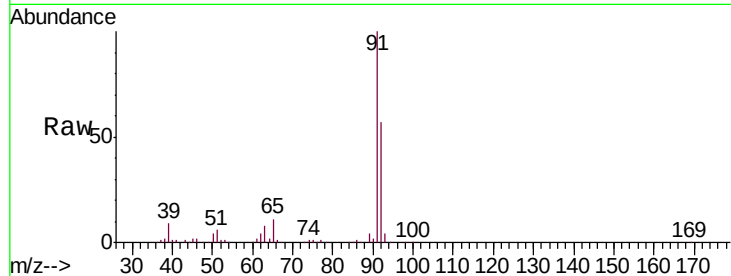
ETHS2MSD

Tgt 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

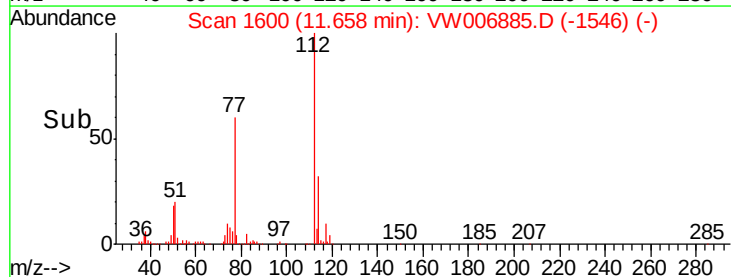
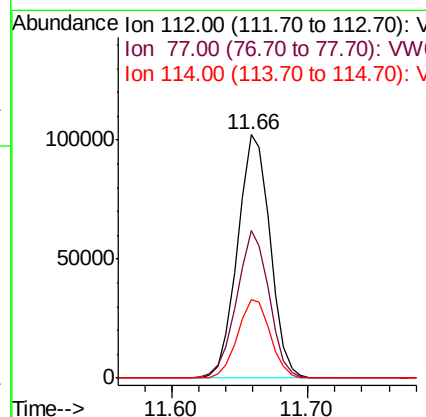
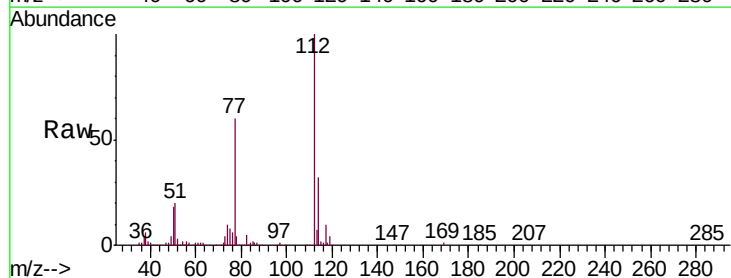
Tgt Ion: 112 Resp: 170344

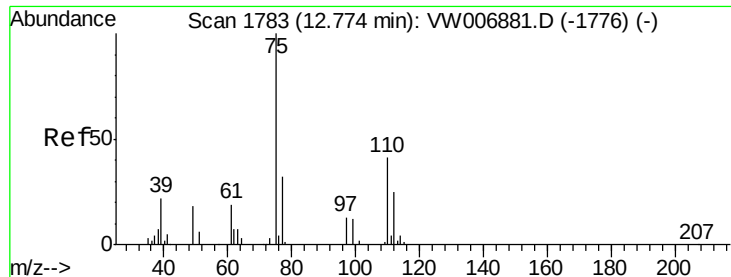
Ion Ratio Lower Upper

112 100

77 60.4 47.8 71.8

114 32.2 22.3 41.5





#59

1,2,3-Trichloropropane

Concen: 5.041 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006885.D

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ClientSampleId :

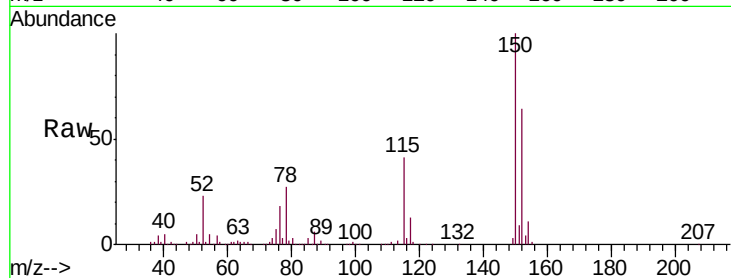
ETHS2MSD

Tgt Ion: 75 Resp: 8933

Ion Ratio Lower Upper

75 100

77 39.6 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

