

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005363.D
 Acq On : 13 Sep 2018 21:36
 Operator : SY/AP
 Sample : J4885-03MSD
 Misc : 2.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H2TS2MSD

Quant Time: Sep 14 06:57:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	290995	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	287567	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	136433	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90613	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.92%
7) Chloroethane-d5	2.89	69	72917	30.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.84%
10) 1,1-Dichloroethene-d2	4.03	63	169748	28.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	113.24%#
20) 2-Butanone-d5	7.10	46	45638	36.08	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.16%
24) Chloroform-d	7.66	84	169824	31.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.16%
26) 1,2-Dichloroethane-d4	8.31	65	106918	30.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.20%
29) Benzene-d6	8.28	84	348148	30.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.64%
33) 1,2-Dichloropropane-d6	9.28	67	104001	31.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.24%#
37) Toluene-d8	10.33	98	354018	30.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.08%
38) trans-1,3-Dichloropropene-	10.59	79	48385	29.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.36%
39) 2-Hexanone-d5	10.93	63	38147	37.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.36%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	83221	24.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	131283	32.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	128.24%#

Target Compounds

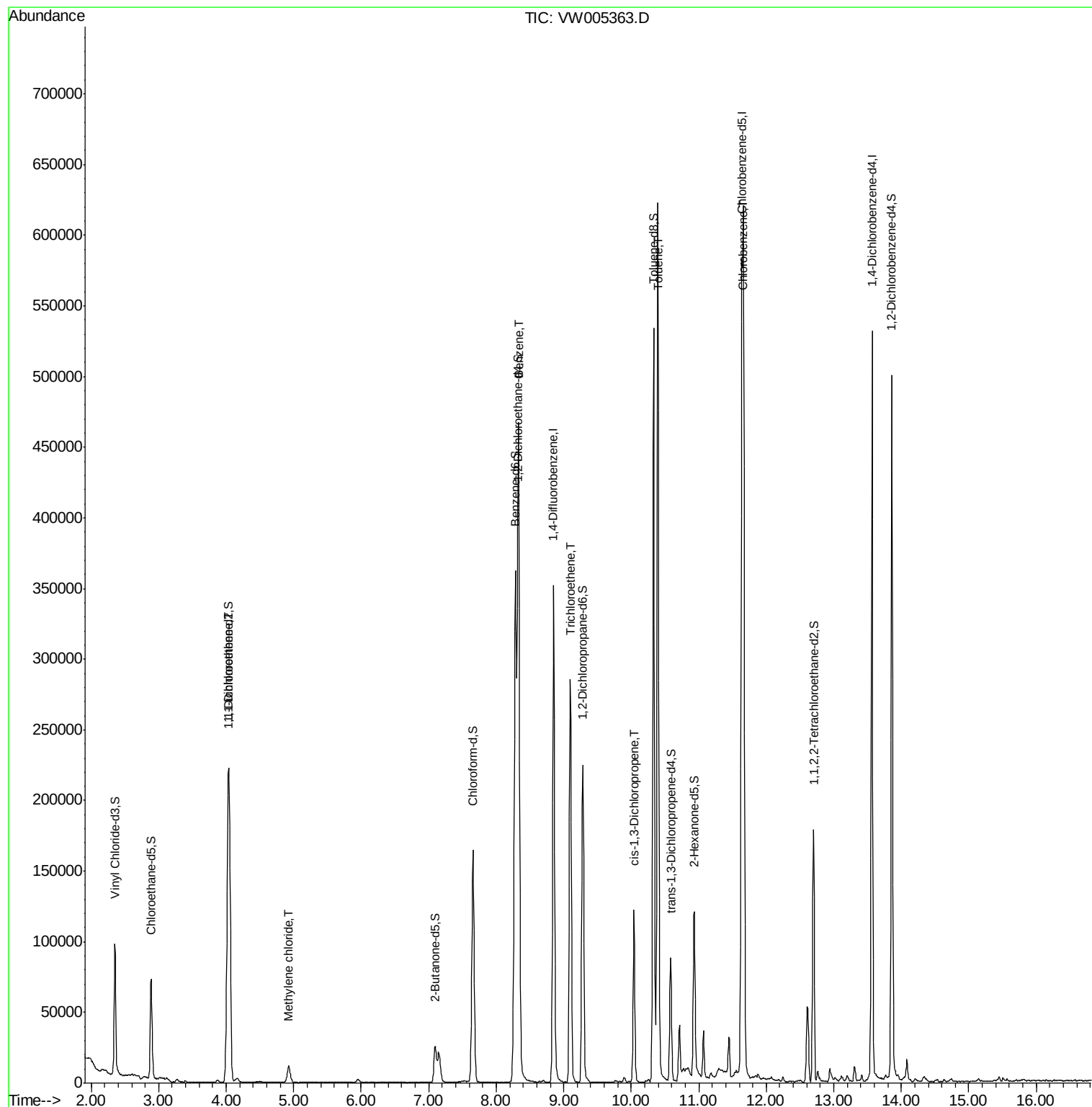
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	80629	25.460	ug/L	85
16) Methylene chloride	4.92	84	8575	1.552	ug/L	96
34) Benzene	8.33	78	396876	24.772	ug/L	100
35) Trichloroethene	9.10	95	99792	23.468	ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	3168	0.542	ug/L #	74
44) Toluene	10.40	91	466654	25.421	ug/L	99
52) Chlorobenzene	11.66	112	292528	24.421	ug/L	96

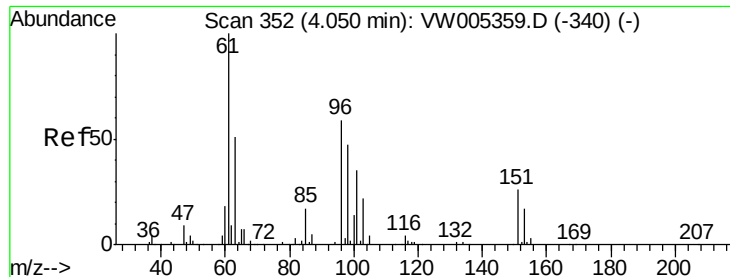
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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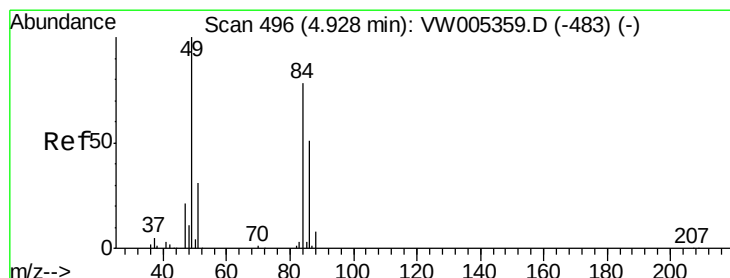
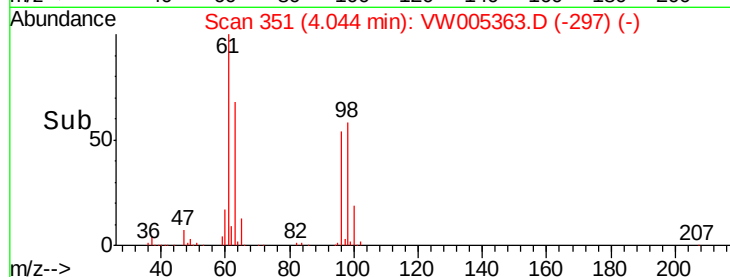
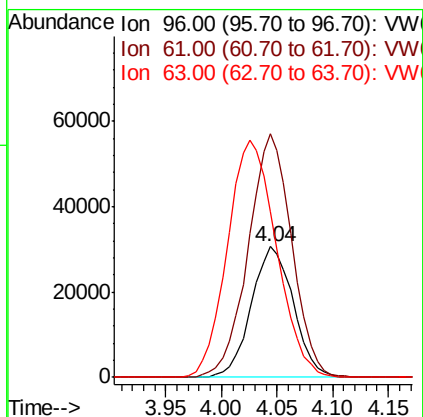
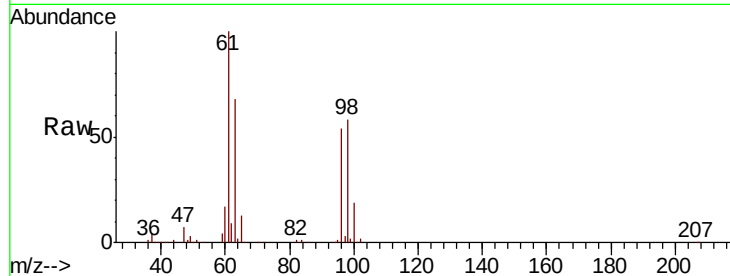




#12
 1,1-Dichloroethene
 Concen: 25.460 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW005363.D
 Acq: 13 Sep 2018 21:36

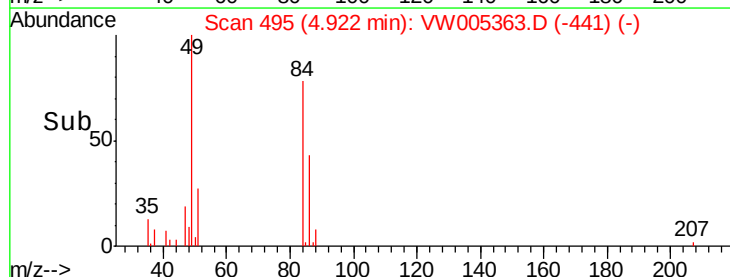
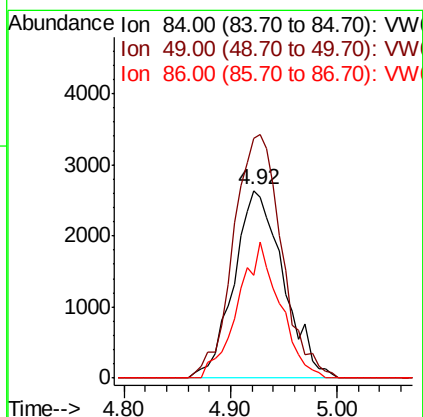
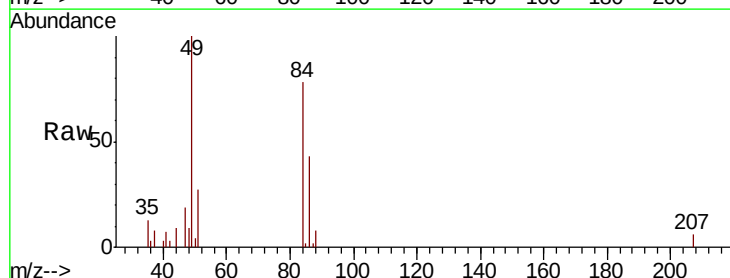
Instrument :
 MSVOA_W
 ClientSampled :
 H2TS2MSD

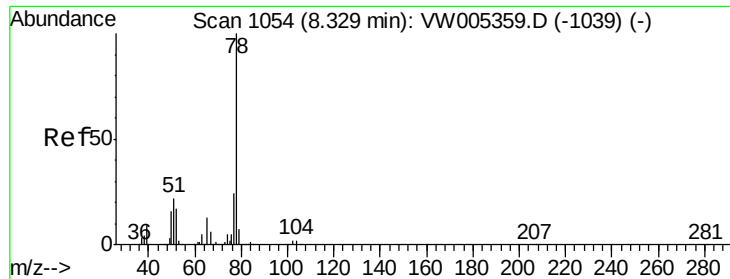
Tgt Ion: 96 Resp: 80629
 Ion Ratio Lower Upper
 96 100
 61 186.6 123.3 229.1
 63 127.3 69.4 128.8



#16
 Methylene chloride
 Concen: 1.552 ug/L
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW005363.D
 Acq: 13 Sep 2018 21:36

Tgt Ion: 84 Resp: 8575
 Ion Ratio Lower Upper
 84 100
 49 127.8 90.9 168.7
 86 54.7 43.6 81.0





#34

Benzene

Concen: 24.772 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW005363.D

Acq: 13 Sep 2018 21:36

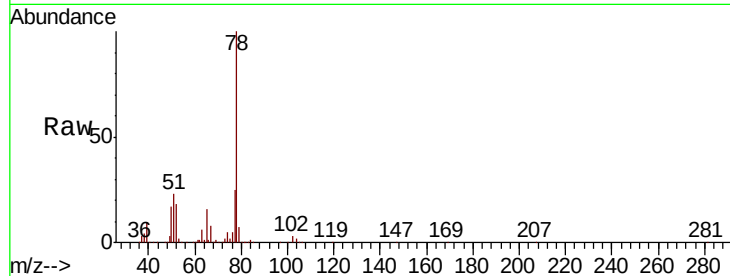
Instrument :

MSVOA_W

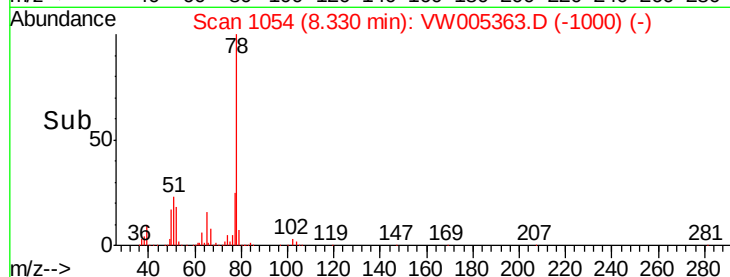
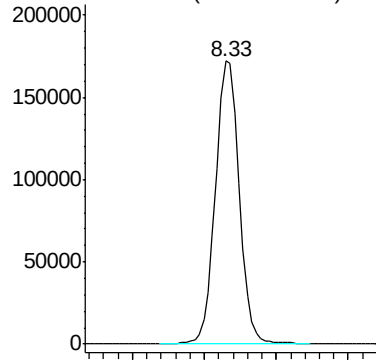
ClientSampleId :

H2TS2MSD

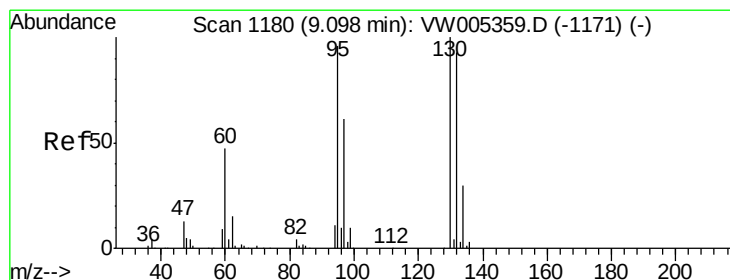
Tgt Ion: 78 Resp: 396876



Abundance Ion 78.00 (77.70 to 78.70): VW



Time-->



#35

Trichloroethene

Concen: 23.468 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW005363.D

Acq: 13 Sep 2018 21:36

Tgt Ion: 95 Resp: 99792

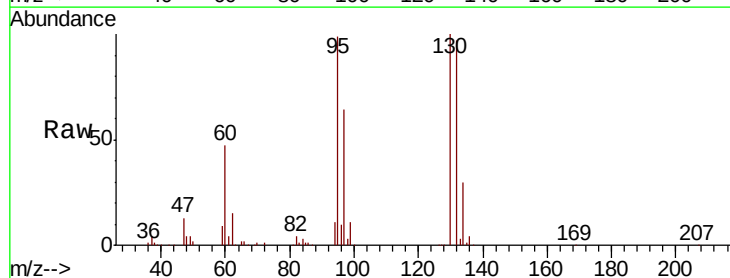
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.0	83.6
132	95.9	67.2	124.8
130	100.9	68.8	127.8

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

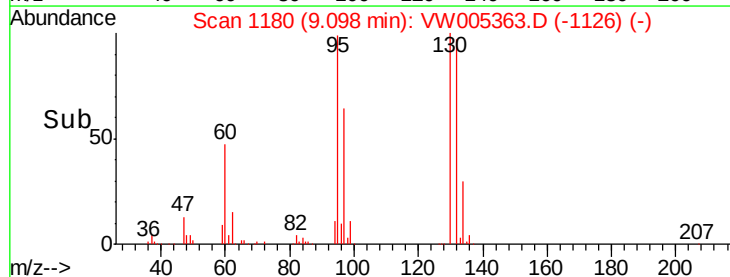


Abundance Ion 95.00 (94.70 to 95.70): VW

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



Abundance Ion 95.00 (94.70 to 95.70): VW

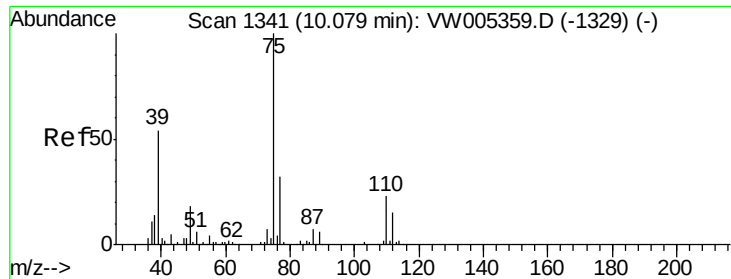
Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->

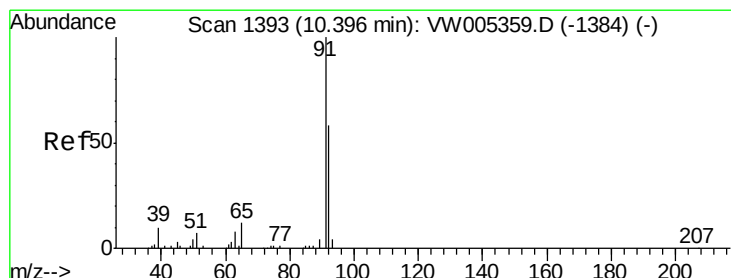
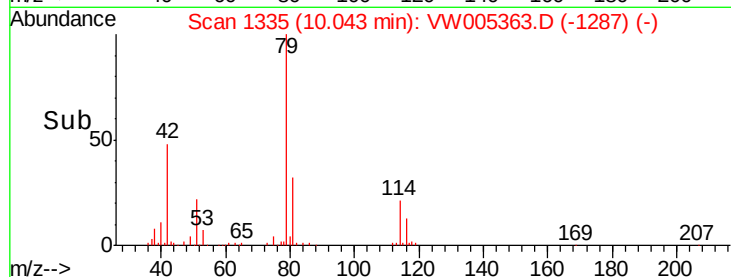
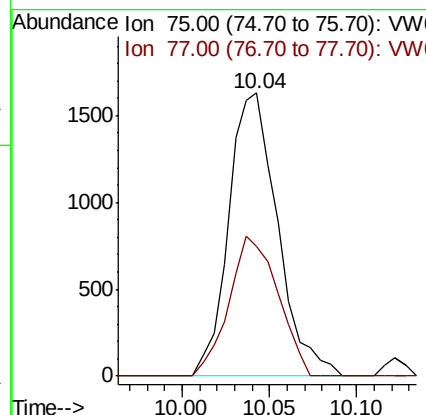
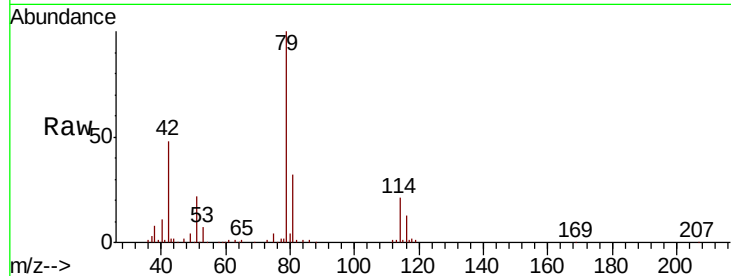
Time-->



#42
 cis-1,3-Dichloropropene
 Concen: 0.542 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.04 min
 Lab File: VW005363.D
 Acq: 13 Sep 2018 21:36

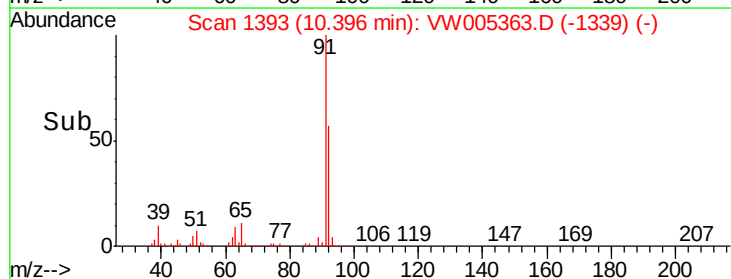
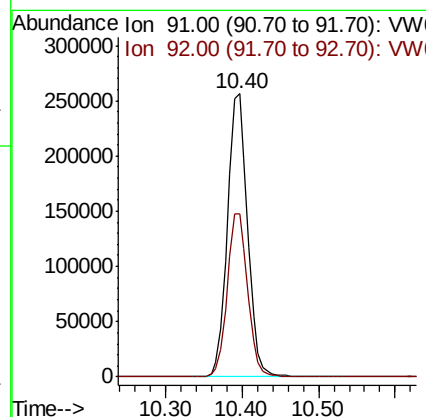
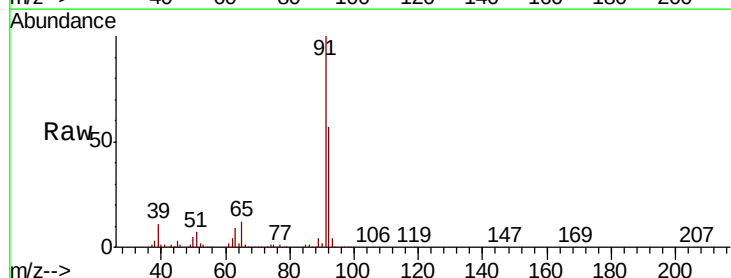
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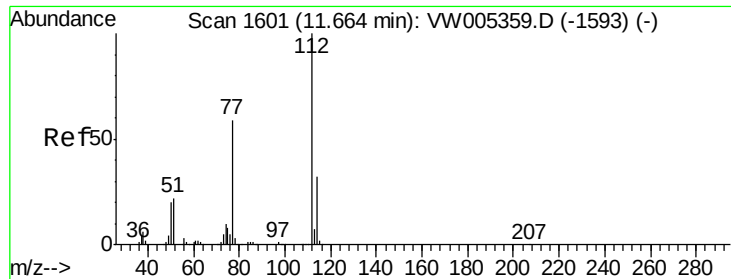
Tgt Ion: 75 Resp: 3168
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.3 41.3#



#44
 Toluene
 Concen: 25.421 ug/L
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW005363.D
 Acq: 13 Sep 2018 21:36

Tgt Ion: 91 Resp: 466654
 Ion Ratio Lower Upper
 91 100
 92 57.5 39.8 74.0





#52

Chlorobenzene

Concen: 24.421 ug/L

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005363.D

Acq: 13 Sep 2018 21:36

Instrument :

MSVOA_W

ClientSampleId :

H2TS2MSD

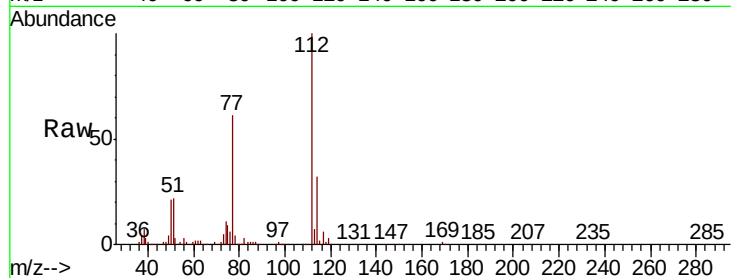
Tgt Ion:112 Resp: 292528

Ion Ratio Lower Upper

112 100

77 60.8 45.1 67.7

114 32.4 22.5 41.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

