

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072920\
 Data File : VW015994.D
 Acq On : 29 Jul 2020 17:26
 Operator : SY/VA
 Sample : L3492-03MS
 Misc : 4.12G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 D0AA0MS

Quant Time: Jul 30 03:32:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 30 03:30:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	502013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192517	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120412	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.00%
7) Chloroethane-d5	2.90	69	99764	17.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.36%
10) 1,1-Dichloroethene-d2	4.02	63	256405	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	7.08	46	61357	32.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.94%
24) Chloroform-d	7.65	84	251869	17.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.44%
26) 1,2-Dichloroethane-d4	8.31	65	132038	17.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.24%#
29) Benzene-d6	8.28	84	514103	18.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.00%
33) 1,2-Dichloropropane-d6	9.28	67	156402	18.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.08%
37) Toluene-d8	10.33	98	451747	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.76%
38) trans-1,3-Dichloropropene-	10.58	79	59288	16.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.76%
39) 2-Hexanone-d5	10.93	63	45718	32.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110187	17.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	144246	19.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.88%

Target Compounds

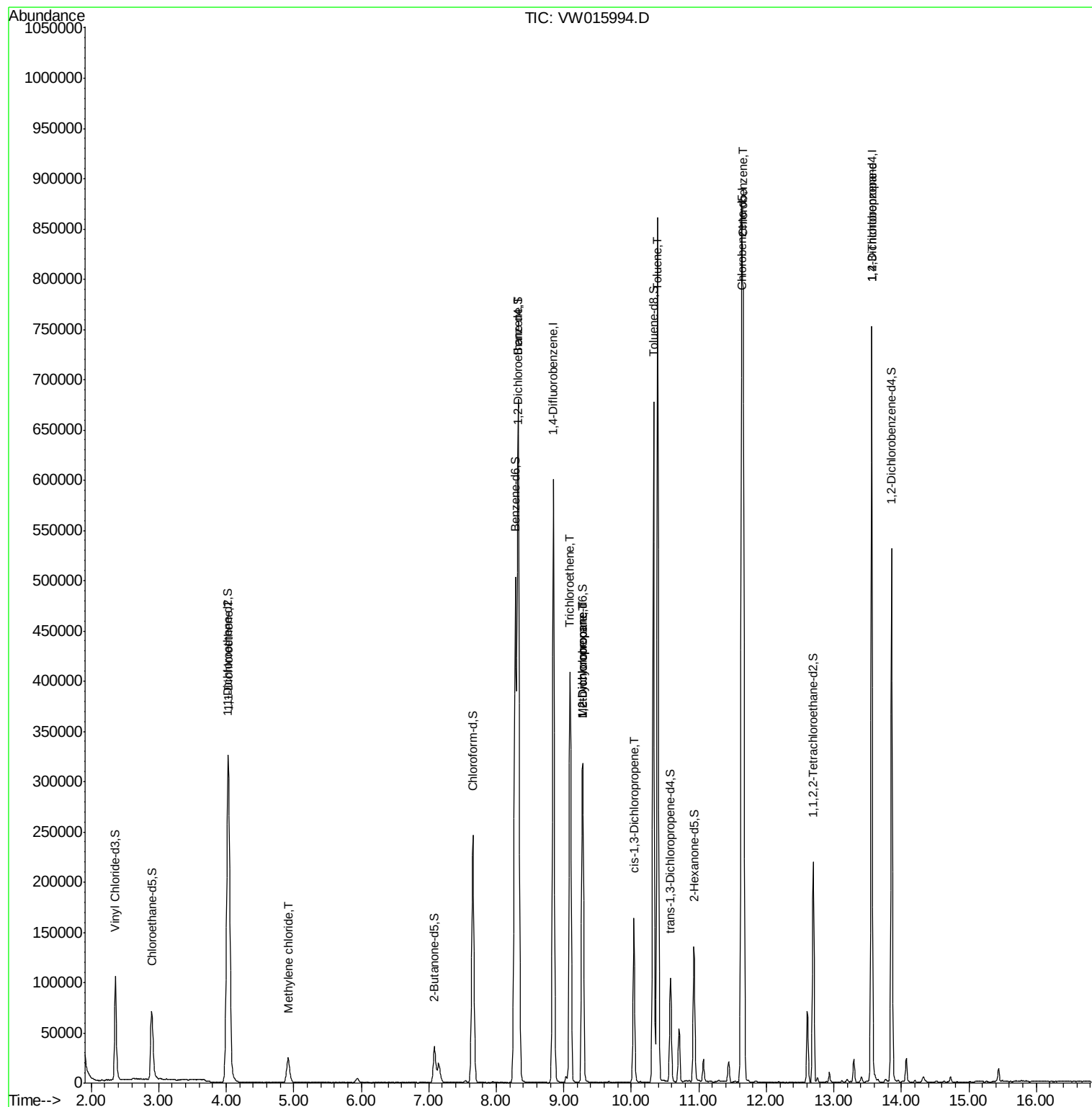
					Ovalue
12) 1,1-Dichloroethene	4.04	96	128589	19.926	ug/L 97
16) Methylene chloride	4.92	84	19329	2.350	ug/L 94
34) Benzene	8.33	78	588208	21.209	ug/L 100
35) Trichloroethene	9.09	95	150208	20.474	ug/L 98
36) Methylcyclohexane	9.28	83	37312	2.964	ug/L # 18
40) 1,2-Dichloropropane	9.28	63	17464	2.542	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	3911	0.374	ug/L # 70
44) Toluene	10.39	91	622115	21.388	ug/L 100
52) Chlorobenzene	11.66	112	386046	20.712	ug/L 99
59) 1,2,3-Trichloropropane	13.56	75	23621	5.434	ug/L 91

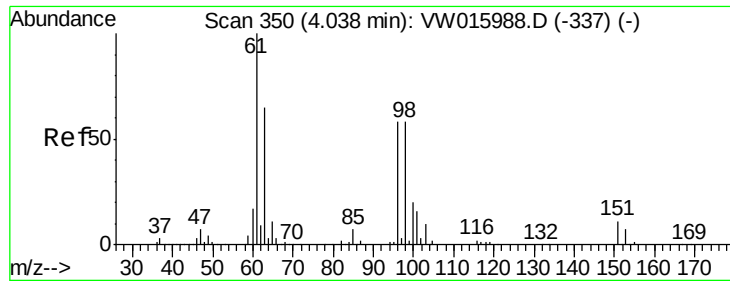
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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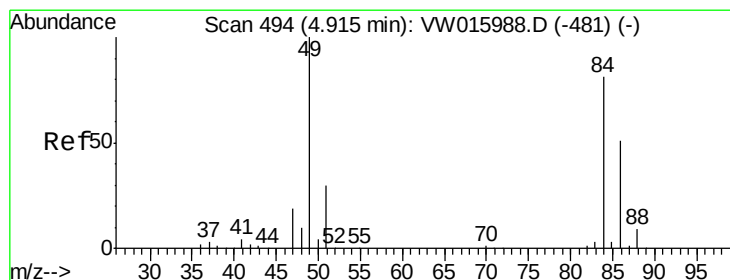
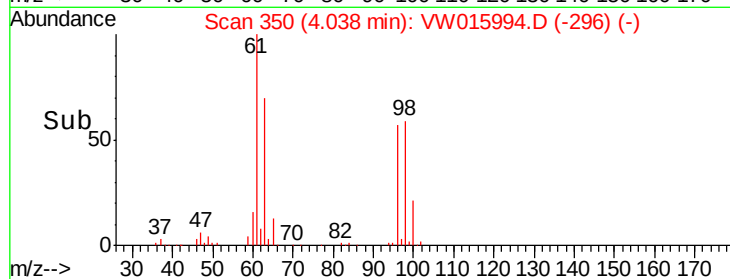
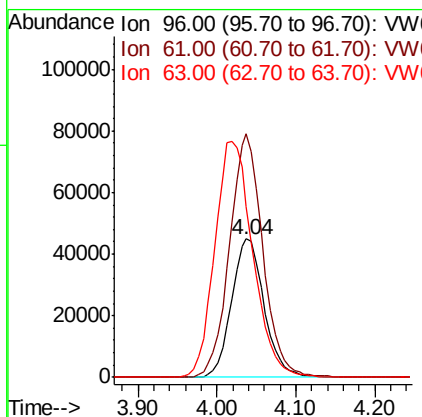
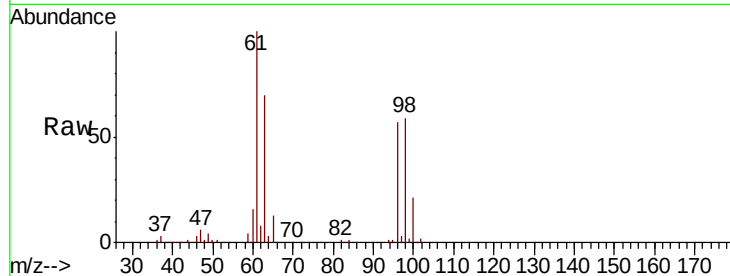




#12
 1,1-Dichloroethene
 Concen: 19.926 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW015994.D
 Acq: 29 Jul 2020 17:26

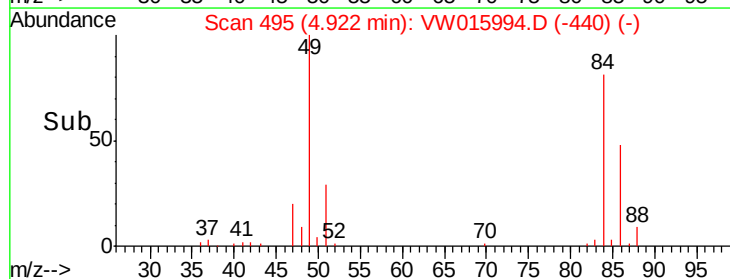
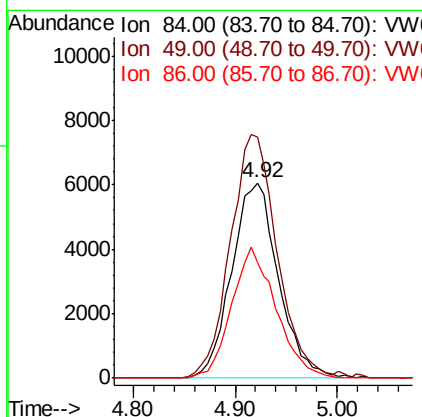
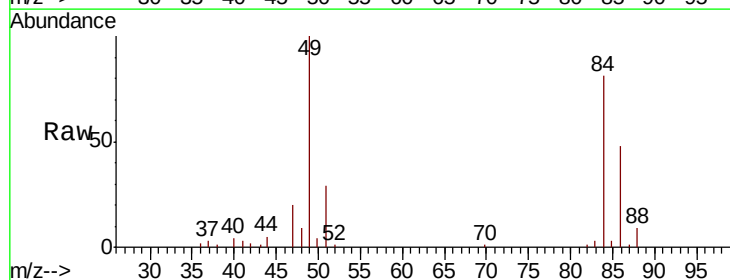
Instrument :
 MSVOA_W
 ClientSampleId :
 D0AA0MS

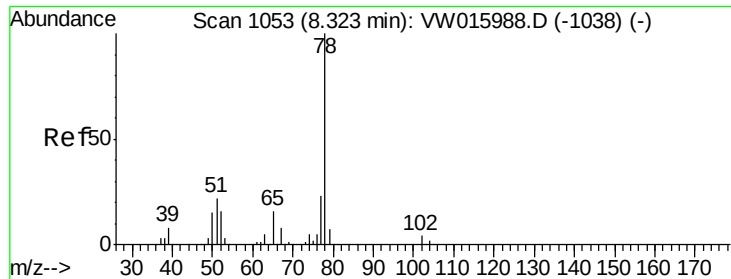
Tot Ion	96	Resp	128589
Ion	Ratio	Lower	Upper
96	100		
61	176.4	125.0	232.2
63	123.6	82.3	152.8



#16
 Methylene chloride
 Concen: 2.350 ug/L
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW015994.D
 Acq: 29 Jul 2020 17:26

Tgt Ion	84	Resp	19329
Ion	Ratio	Lower	Upper
84	100		
49	123.4	91.1	169.1
86	59.3	46.0	85.4





#34

Benzene

Concen: 21.209 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW015994.D

Acq: 29 Jul 2020 17:26

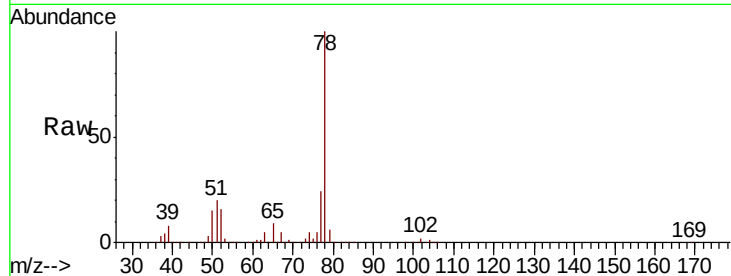
Instrument :

MSVOA_W

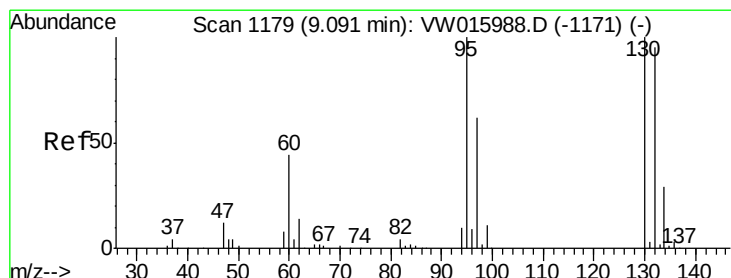
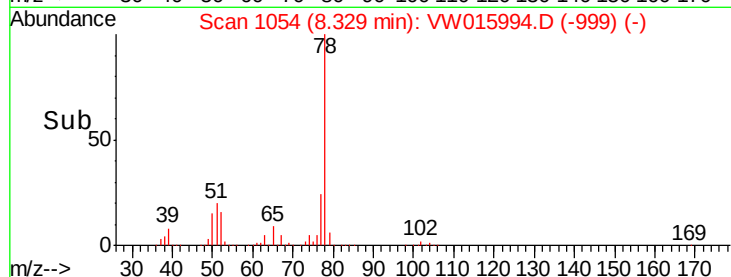
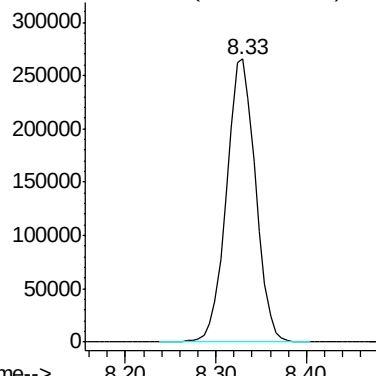
ClientSampleId :

D0AA0MS

Tgt Ion: 78 Resp: 588208



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 20.474 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015994.D

Acq: 29 Jul 2020 17:26

Tgt Ion: 95 Resp: 150208

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.4
132	95.9	65.1	120.9
130	98.8	68.6	127.4

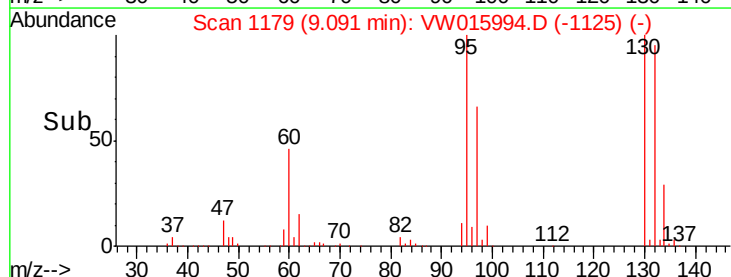
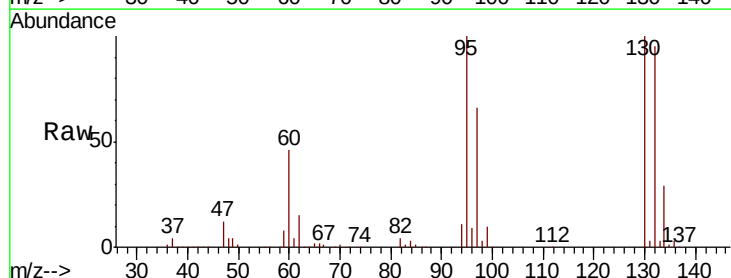
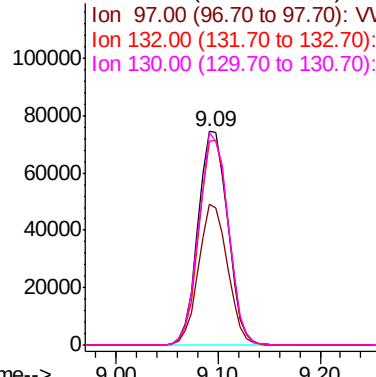
Ion 95.00 (94.70 to 95.70): VW

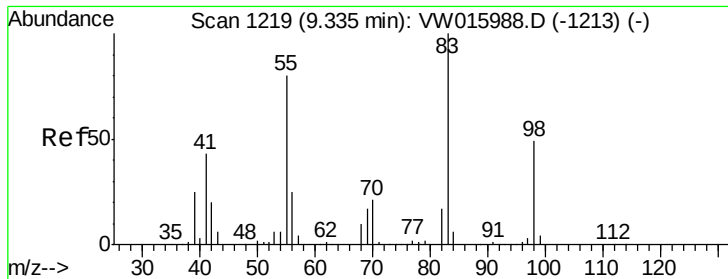
Ion 97.00 (96.70 to 97.70): VW

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

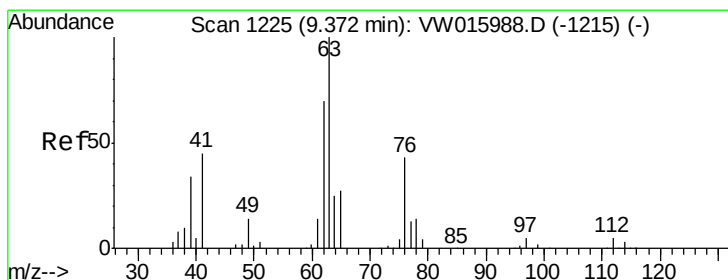
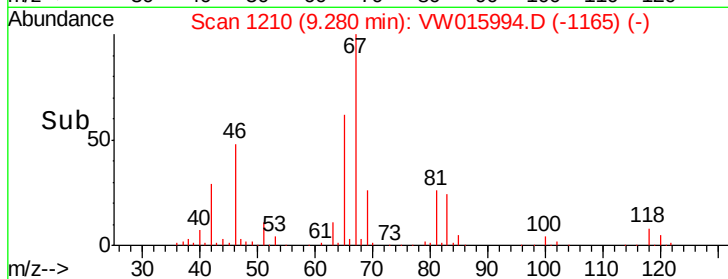
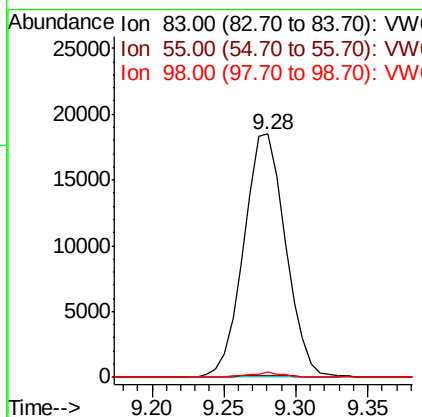
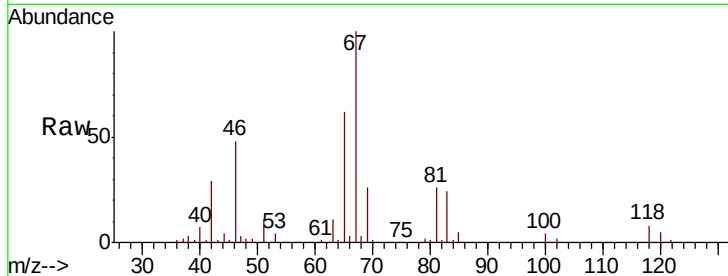




#36
 Methvlcvclohexane
 Concen: 2.964 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.05 min
 Lab File: VW015994.D
 Acq: 29 Jul 2020 17:26

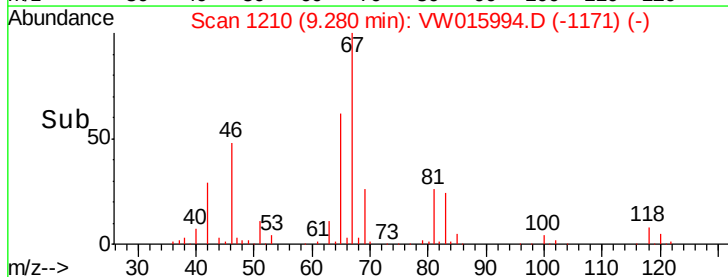
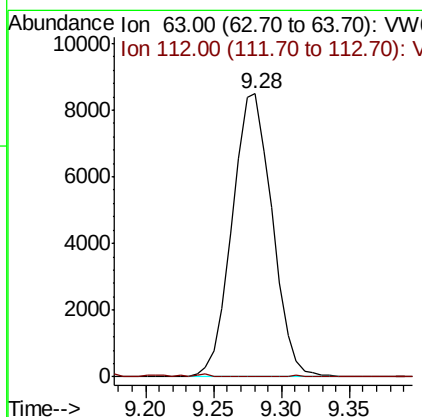
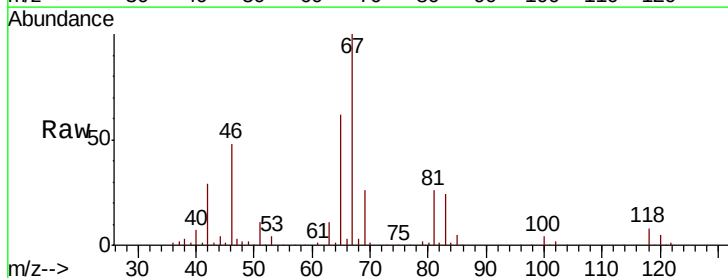
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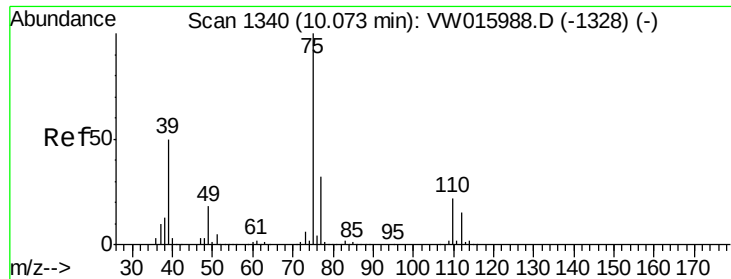
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.7	63.5	95.3#
98	1.6	39.0	58.4#



#40
 1,2-Dichloropropane
 Concen: 2.542 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW015994.D
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Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.7	5.5#

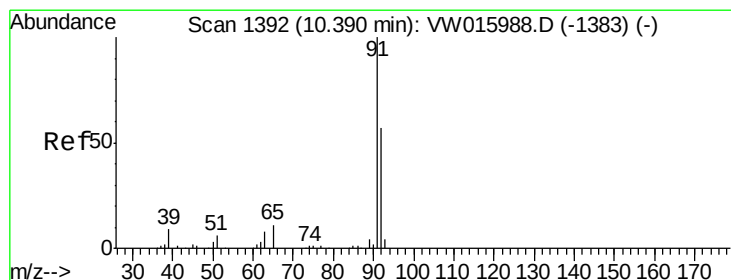
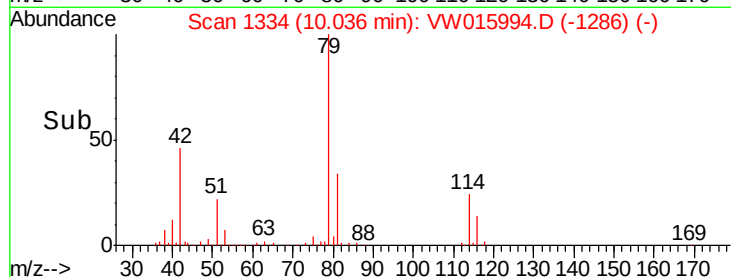
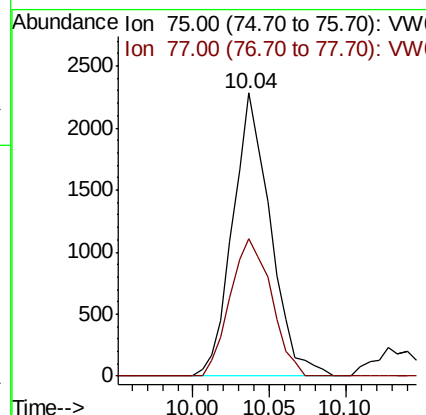
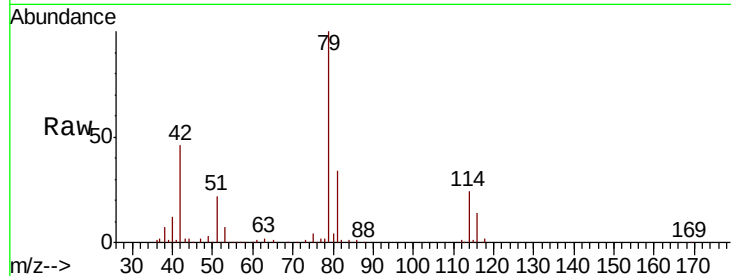




#42
 cis-1,3-Dichloropropene
 Concen: 0.374 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015994.D
 Acq: 29 Jul 2020 17:26

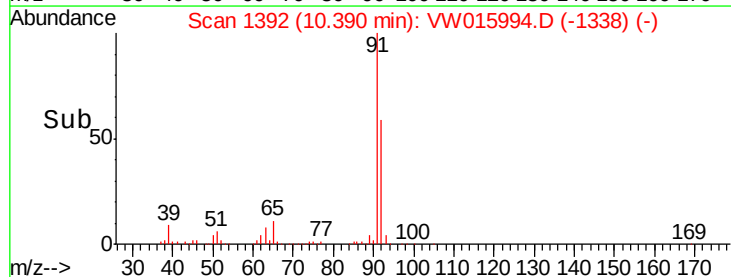
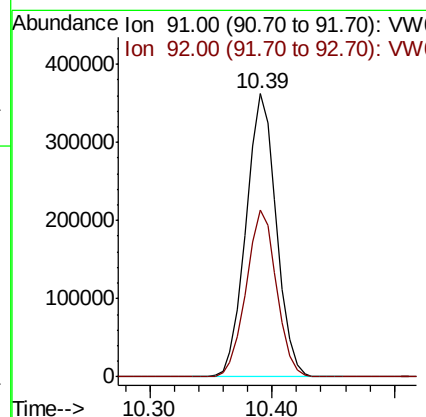
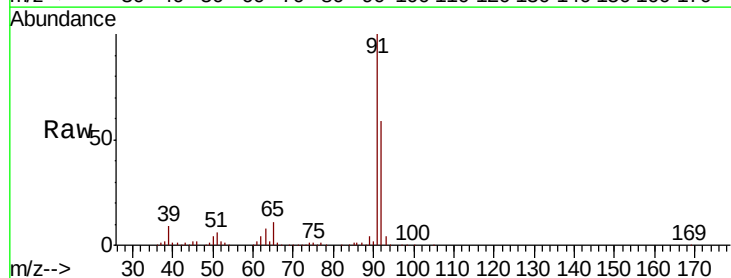
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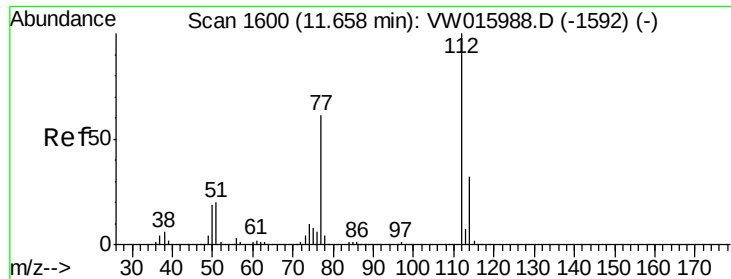
Tot Ion: 75 Resp: 3911
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.2 41.2#



#44
 Toluene
 Concen: 21.388 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW015994.D
 Acq: 29 Jul 2020 17:26

Tgt Ion: 91 Resp: 622115
 Ion Ratio Lower Upper
 91 100
 92 59.1 41.2 76.4

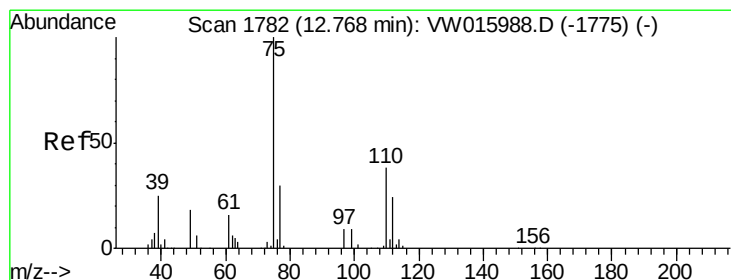
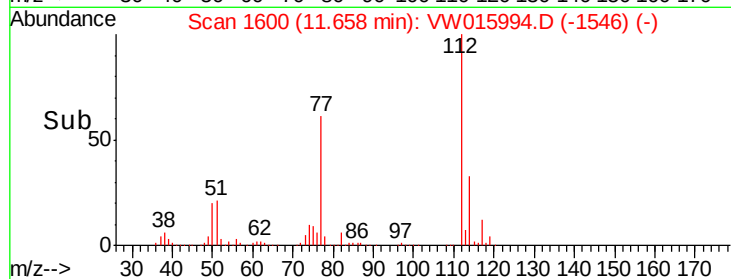
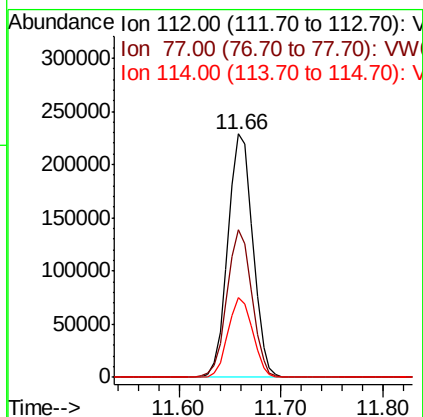
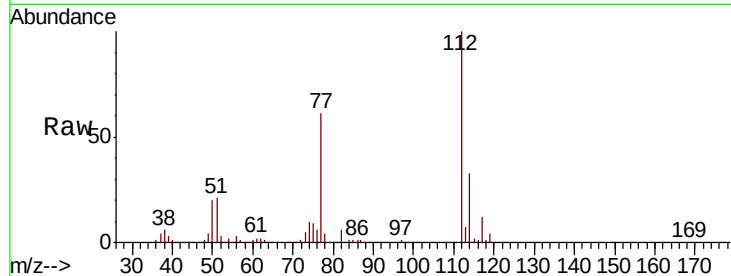




#52
Chlorobenzene
Concen: 20.712 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015994.D
Acq: 29 Jul 2020 17:26

Instrument :
MSVOA_W
ClientSampleId :
D0AA0MS

Tot Ion:112 Resp: 386046
Ion Ratio Lower Upper
112 100
77 60.5 47.8 71.6
114 32.5 22.1 41.1



#59
1,2,3-Trichloropropane
Concen: 5.434 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW015994.D
Acq: 29 Jul 2020 17:26

Tgt Ion: 75 Resp: 23621
Ion Ratio Lower Upper
75 100
77 37.4 26.0 39.0

