

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015507.D
 Acq On : 27 May 2020 16:21
 Operator : SY/VA
 Sample : L2755-08MSD
 Misc : 9.69G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD2

Quant Time: May 28 03:19:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	243171	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	157199	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	34007	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82256	36.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.64%
7) Chloroethane-d5	2.90	69	78991	35.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.56%
10) 1,1-Dichloroethene-d2	4.02	63	156194	28.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	115.08%#
20) 2-Butanone-d5	7.08	46	53753	73.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.76%#
24) Chloroform-d	7.65	84	168889	30.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.12%
26) 1,2-Dichloroethane-d4	8.31	65	100832	32.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.92%
29) Benzene-d6	8.27	84	319017	41.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	165.52%#
33) 1,2-Dichloropropane-d6	9.27	67	100343	42.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	171.32%#
37) Toluene-d8	10.32	98	247811	33.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	132.24%#
38) trans-1,3-Dichloropropene-	10.58	79	31379	28.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.80%
39) 2-Hexanone-d5	10.93	63	39103	96.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.82%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62324	35.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	141.32%#
61) 1,2-Dichlorobenzene-d4	13.85	152	33815	29.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.68%

Target Compounds

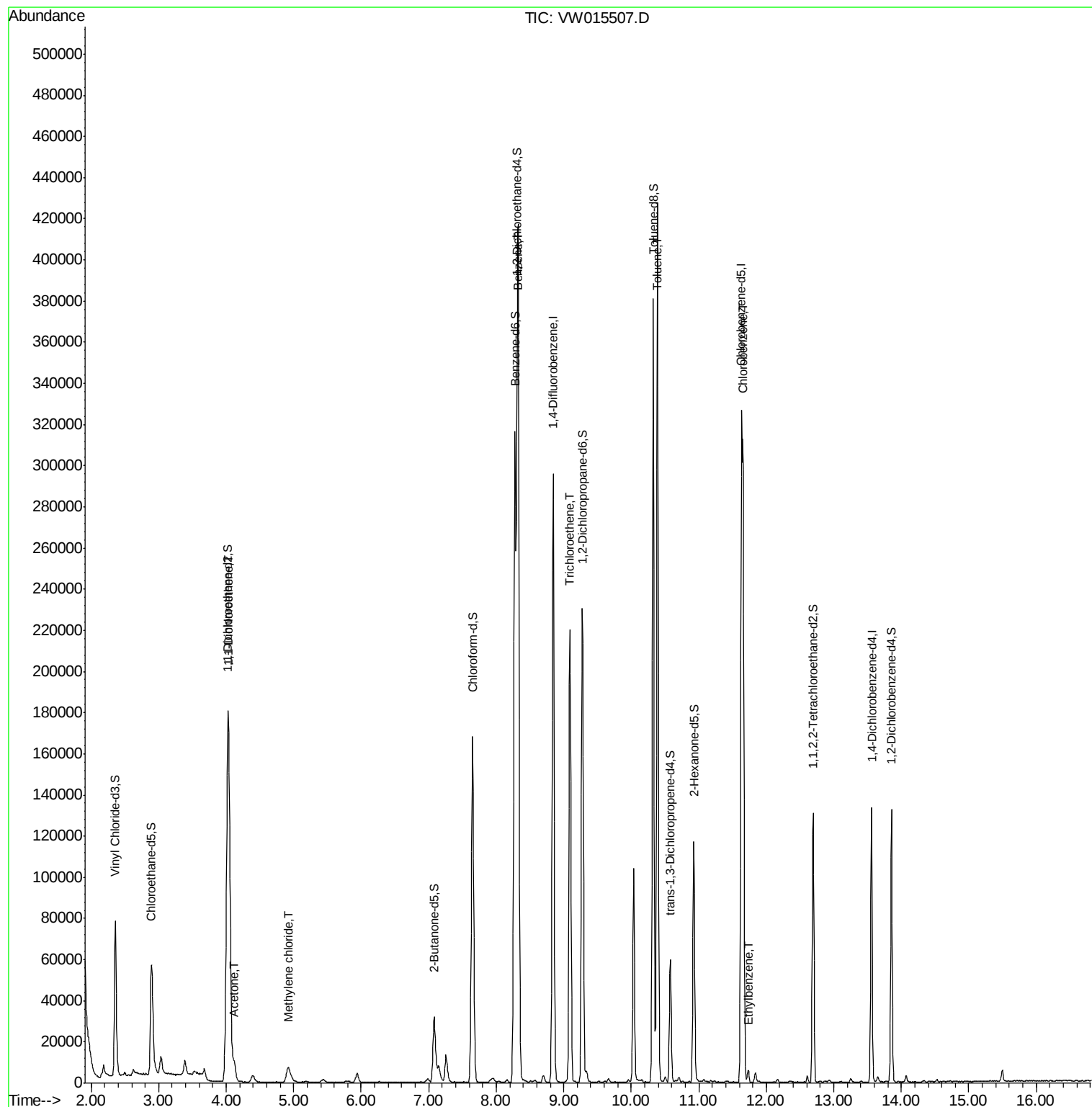
					Ovalue
12) 1,1-Dichloroethene	4.04	96	72354	24.954	ug/L 94
13) Acetone	4.12	43	11689	20.782	ug/L 99
16) Methylene chloride	4.92	84	5688	1.906	ug/L 86
34) Benzene	8.32	78	342084	38.913	ug/L 100
35) Trichloroethene	9.09	95	74980	31.752	ug/L 99
44) Toluene	10.39	91	305834	31.932	ug/L 97
52) Chlorobenzene	11.66	112	146684	24.417	ug/L 98
53) Ethylbenzene	11.73	91	3985	0.362	ug/L 95

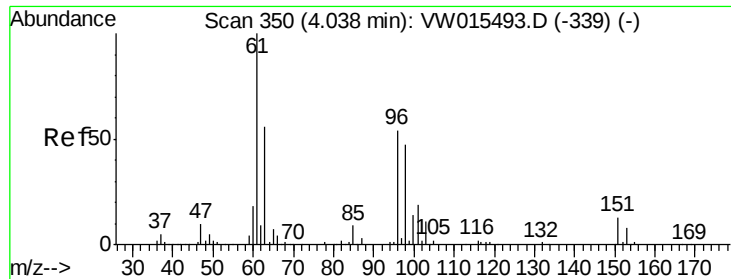
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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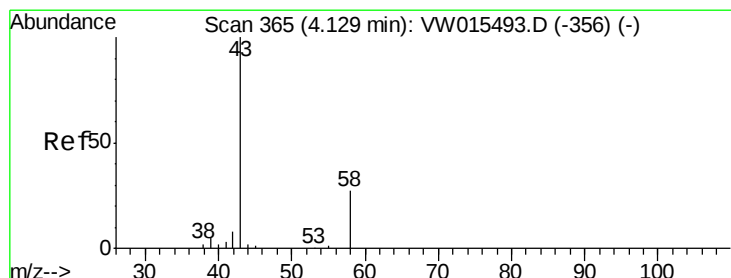
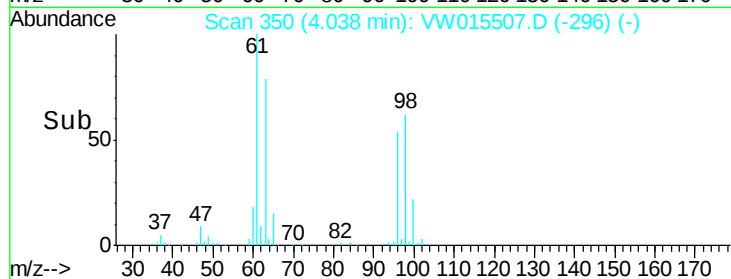
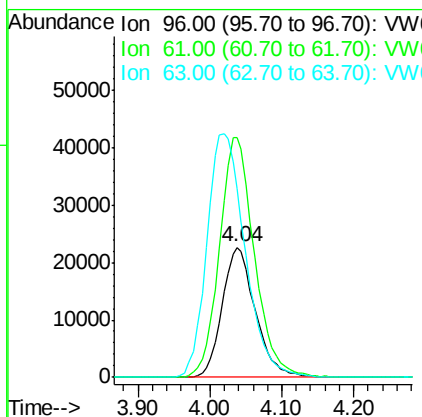
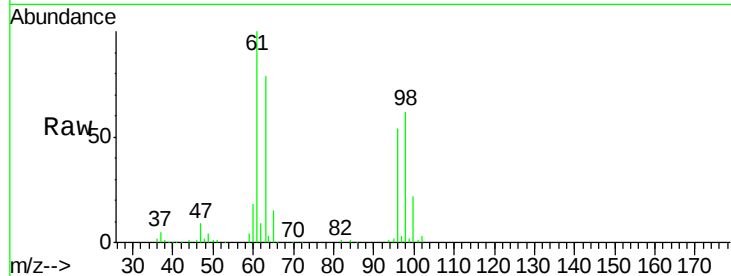




#12
 1,1-Dichloroethene
 Concen: 24.954 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015507.D
 Acq: 27 May 2020 16:21

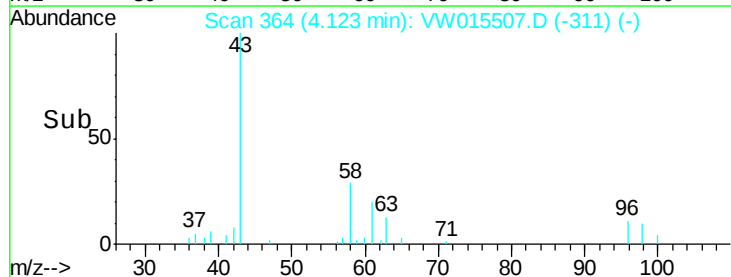
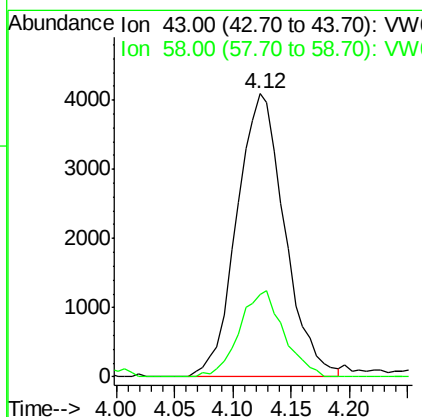
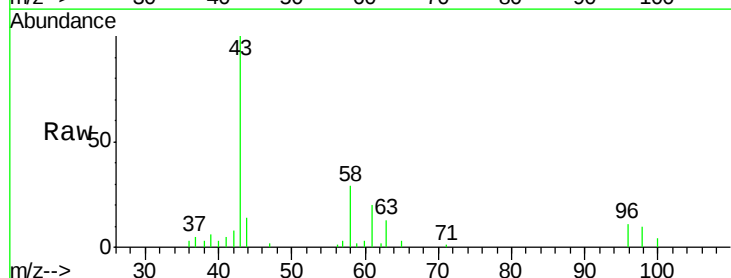
Instrument :
 MSVOA_W
 ClientSampled :
 GAXD2

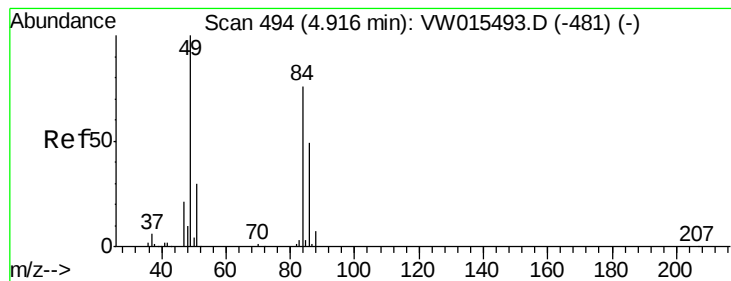
Tot Ion: 96 Resp: 72354
 Ion Ratio Lower Upper
 96 100
 61 184.7 127.7 237.1
 63 145.8 92.3 171.5



#13
 Acetone
 Concen: 20.782 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VW015507.D
 Acq: 27 May 2020 16:21

Tgt Ion: 43 Resp: 11689
 Ion Ratio Lower Upper
 43 100
 58 28.0 0.0 56.8





#16

Methvlene chloride

Concen: 1.906 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015507.D

Acq: 27 May 2020 16:21

Instrument :

MSVOA_W

ClientSampled :

GAXD2

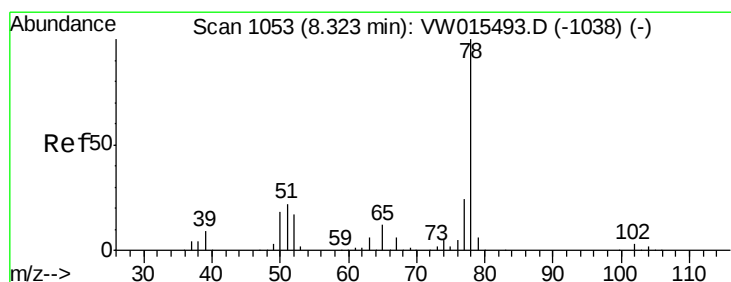
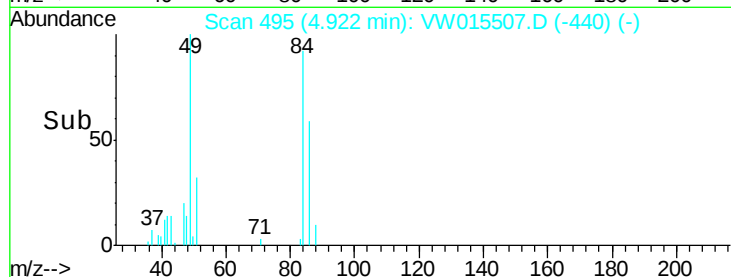
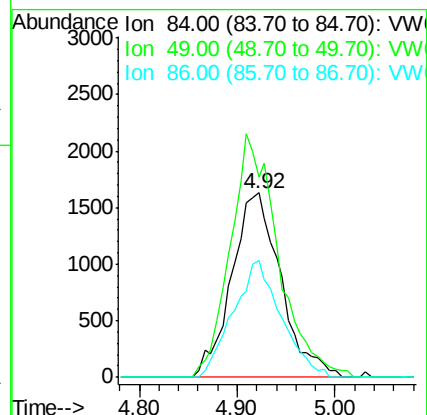
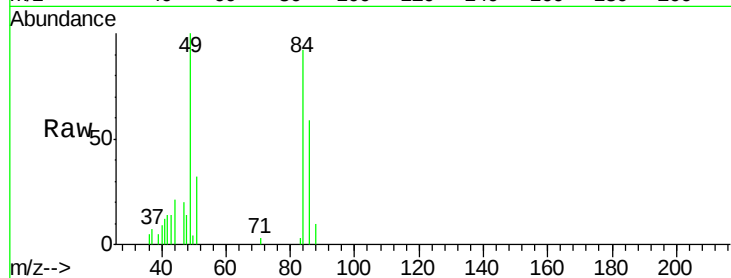
Tot Ion: 84 Resp: 5688

Ion Ratio Lower Upper

84 100

49 108.2 93.0 172.8

86 63.4 44.7 83.1



#34

Benzene

Concen: 38.913 ug/L

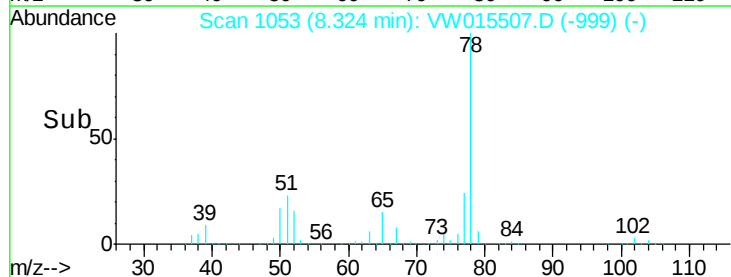
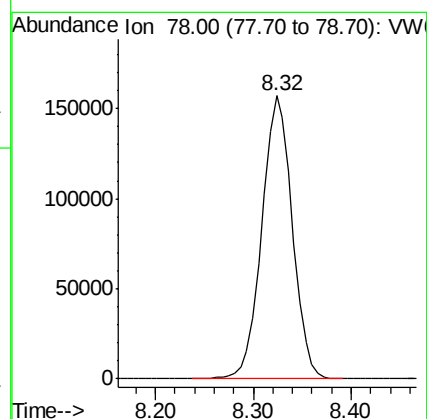
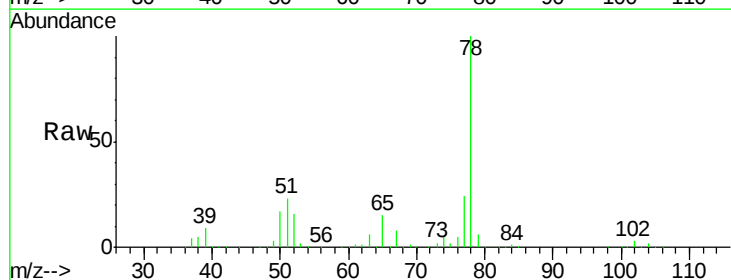
RT: 8.32 min Scan# 1053

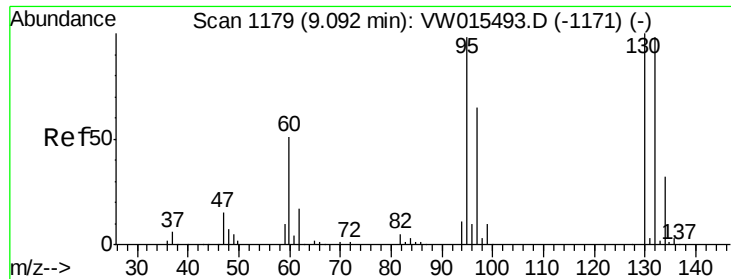
Delta R.T. 0.00 min

Lab File: VW015507.D

Acq: 27 May 2020 16:21

Tgt Ion: 78 Resp: 342084

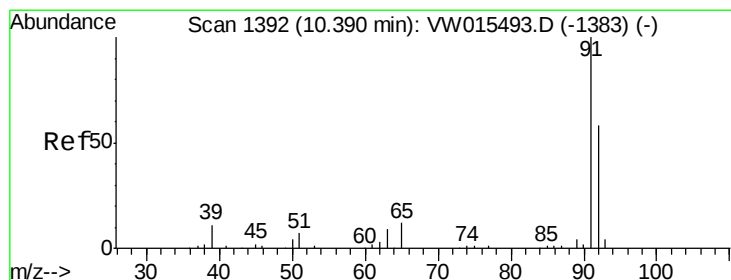
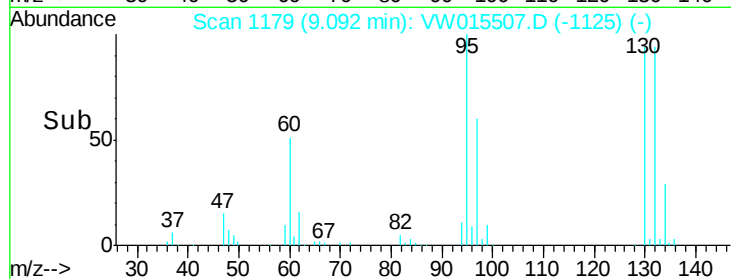
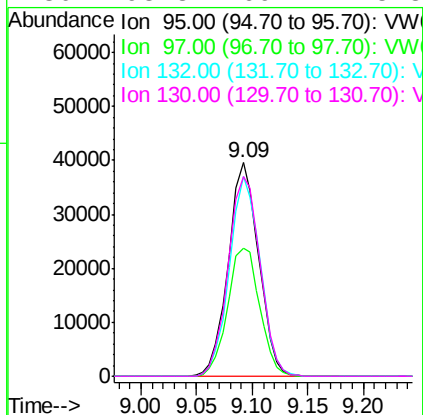
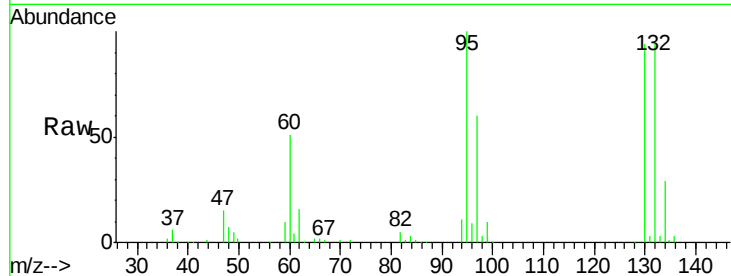




#35
 Trichloroethene
 Concen: 31.752 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW015507.D
 Acq: 27 May 2020 16:21

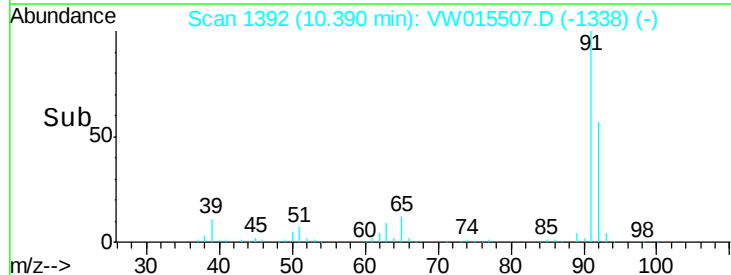
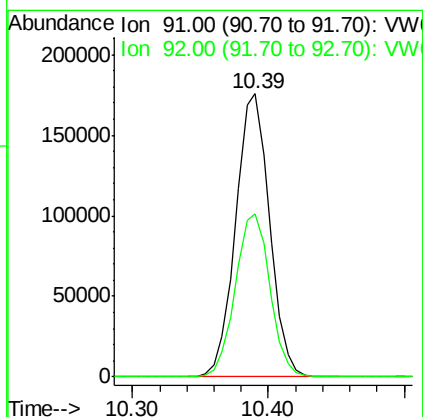
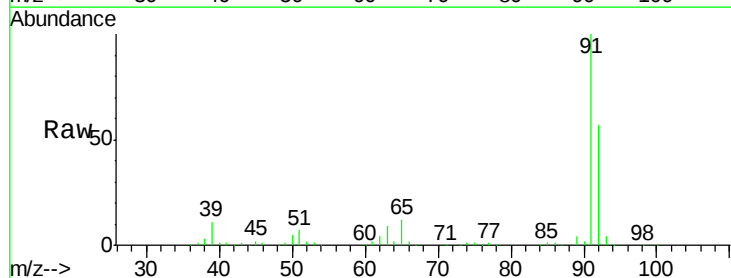
Instrument :
 MSVOA_W
 ClientSampled :
 GAXD2

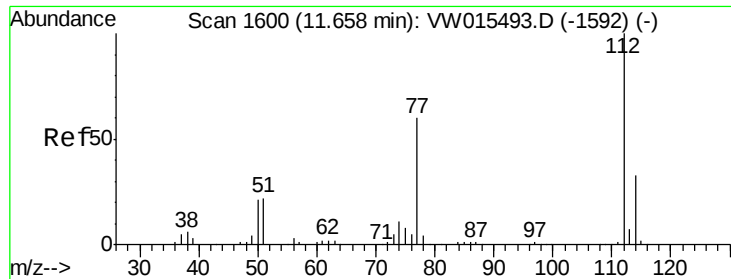
Tot Ion: 95 Resp: 74980
 Ion Ratio Lower Upper
 95 100
 97 63.3 45.4 84.2
 132 94.4 67.1 124.7
 130 98.3 69.4 128.8



#44
 Toluene
 Concen: 31.932 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW015507.D
 Acq: 27 May 2020 16:21

Tgt Ion: 91 Resp: 305834
 Ion Ratio Lower Upper
 91 100
 92 57.4 41.7 77.5

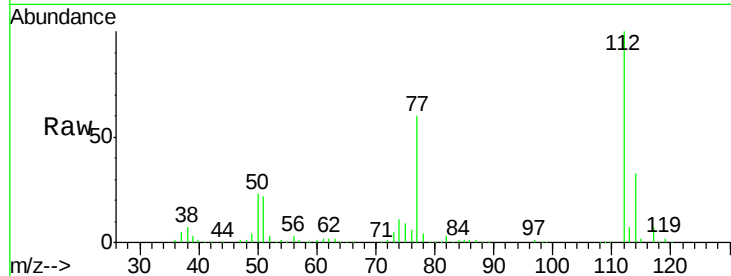




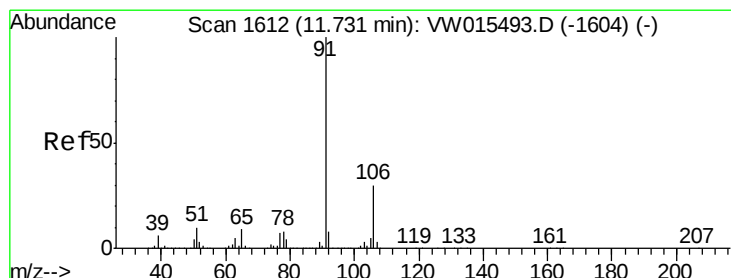
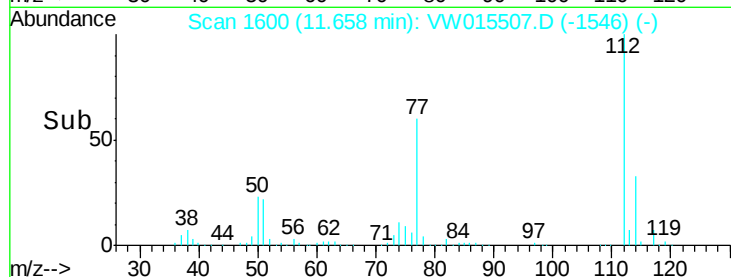
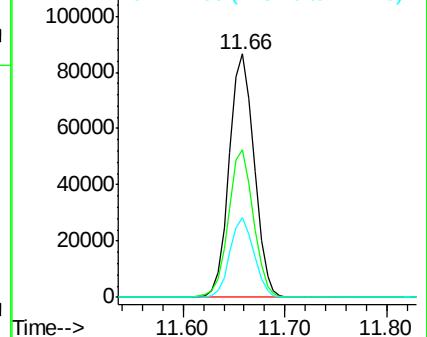
#52
Chlorobenzene
Concen: 24.417 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015507.D
Acq: 27 May 2020 16:21

Instrument :
MSVOA_W
ClientSampleId :
GAXD2

Tot Ion:112 Resp: 146684
Ion Ratio Lower Upper
112 100
77 60.4 49.7 74.5
114 32.5 21.8 40.6

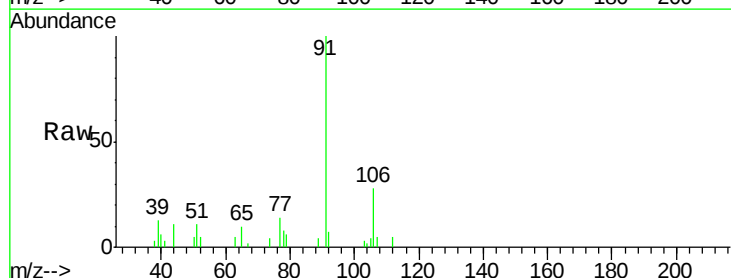


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): VW
Ion 114.00 (113.70 to 114.70): V



#53
Ethylbenzene
Concen: 0.362 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015507.D
Acq: 27 May 2020 16:21

Tgt Ion: 91 Resp: 3985
Ion Ratio Lower Upper
91 100
106 27.9 21.3 39.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V

