

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 : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD2

Quant Time: May 28 01:52:54 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

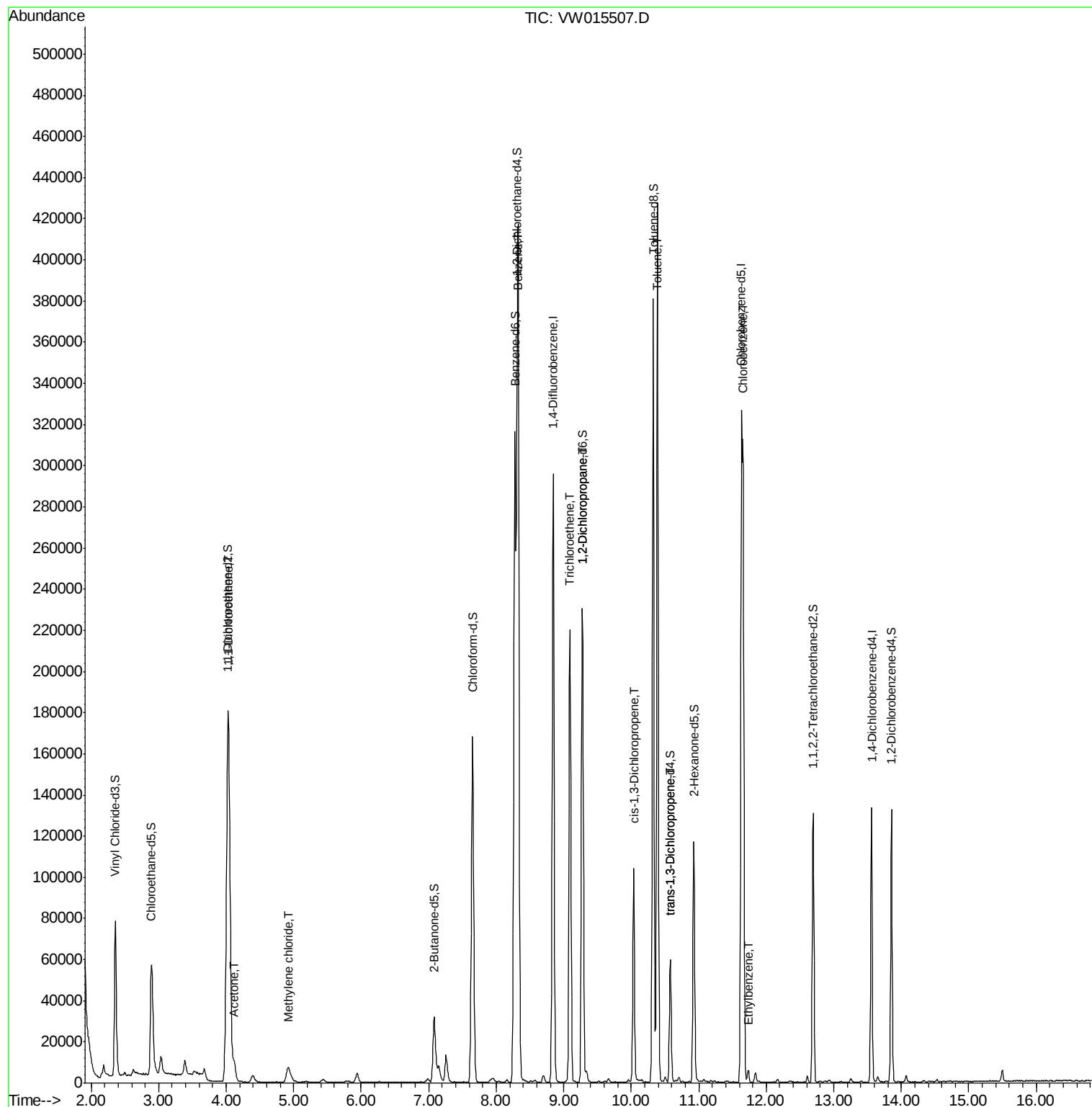
					Ovalue
12) 1,1-Dichloroethene	4.04	96	72354	24.954	ug/L 94
13) Acetone	4.12	43	11689	20.782	ug/L 99
16) Methylene chloride	4.92	84	5688	1.906	ug/L 86
34) Benzene	8.32	78	342084	38.913	ug/L 100
35) Trichloroethene	9.09	95	74980	31.752	ug/L 99
40) 1,2-Dichloropropane	9.27	63	12262	5.664	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	2890	0.834	ug/L # 59
44) Toluene	10.39	91	305834	31.932	ug/L 97
45) trans-1,3-Dichloropropene	10.58	75	1532	0.508	ug/L 90
52) Chlorobenzene	11.66	112	146684	24.417	ug/L 98
53) Ethylbenzene	11.73	91	3985	0.362	ug/L 95

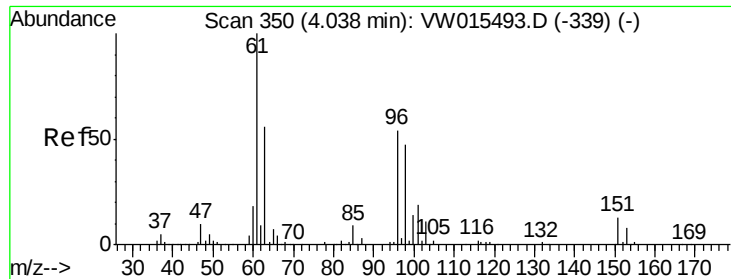
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Thu May 28 01:49:49 2020
Response via : Initial Calibration

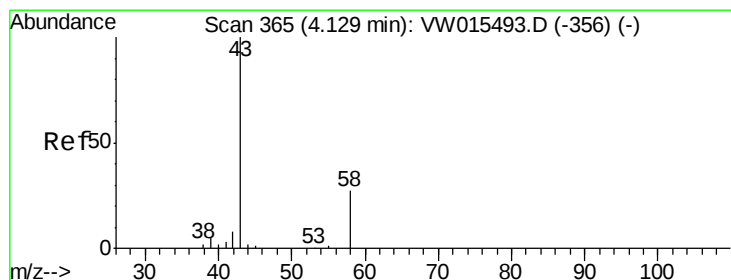
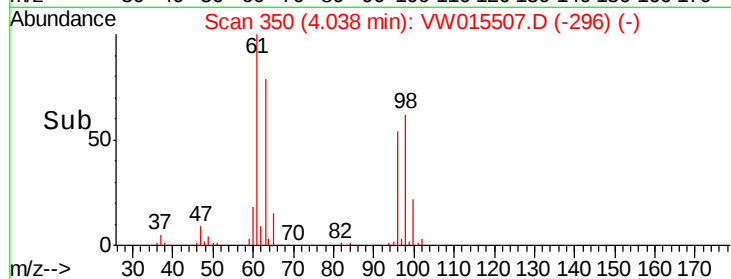
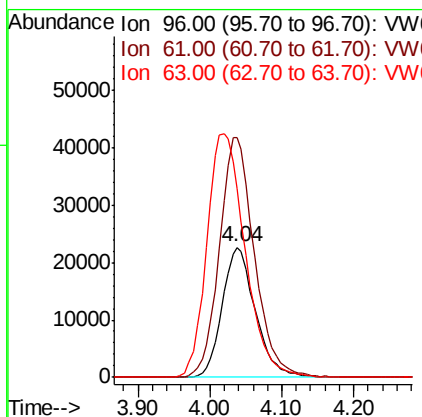
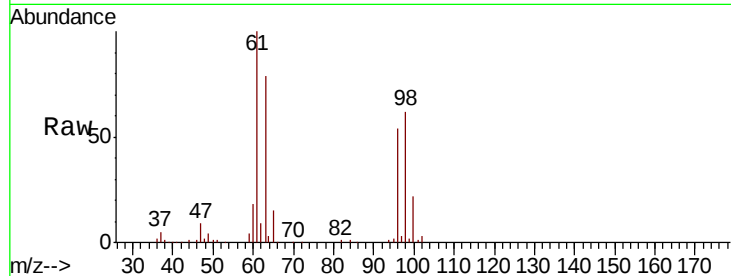




#12
 1,1-Dichloroethene
 Concen: 24.954 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015507.D
 Acq: 27 May 2020 16:21

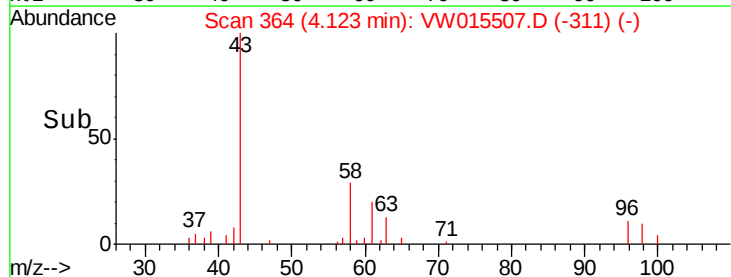
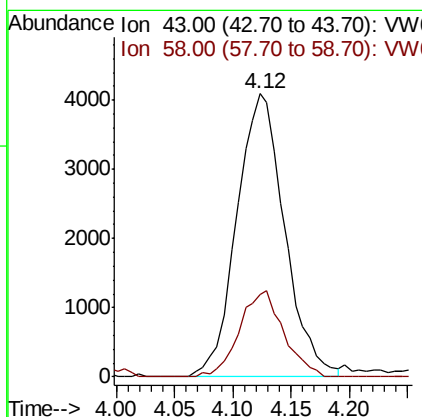
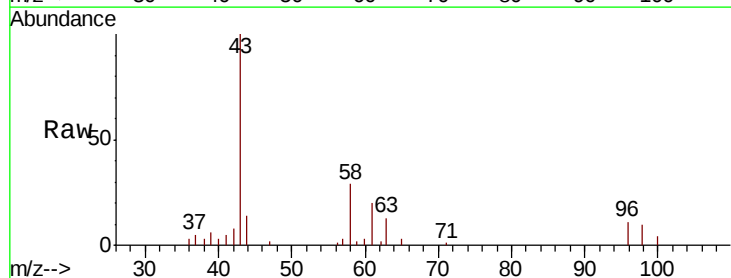
Instrument :
 MSVOA_W
 ClientSampled :
 GAXD2

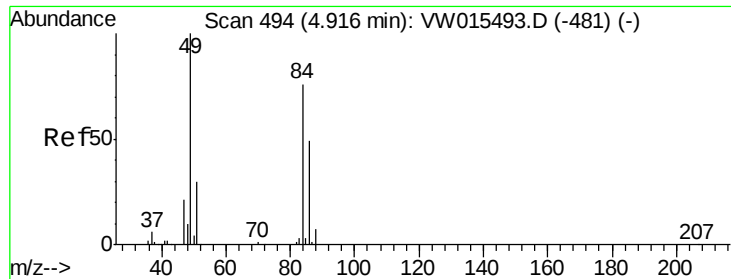
Tot Ion: 96 Resp: 72354
 Ion Ratio Lower Upper
 96 100
 61 184.7 127.7 237.1
 63 145.8 92.3 171.5



#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

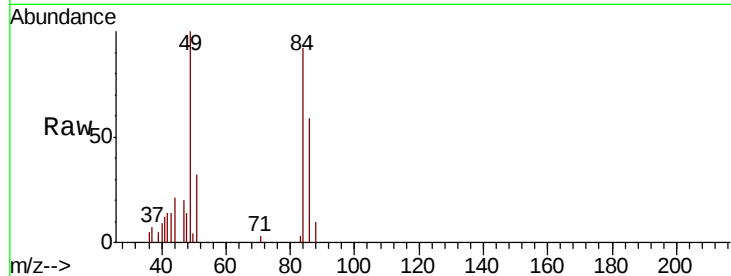




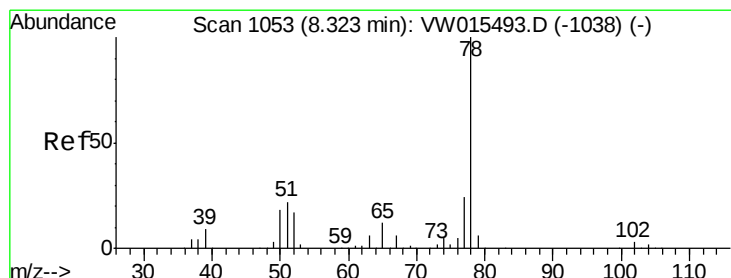
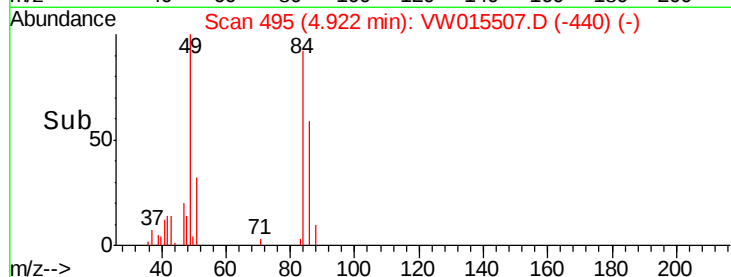
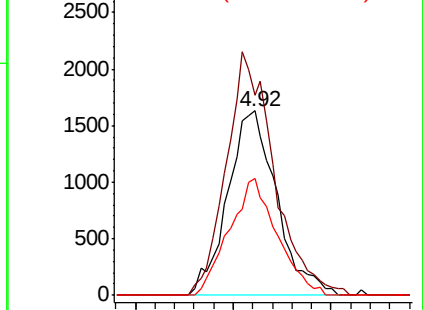
#16
Methvlene chloride
Concen: 1.906 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015507.D
Acq: 27 May 2020 16:21

Instrument :
MSVOA_W
ClientSampled :
GAXD2

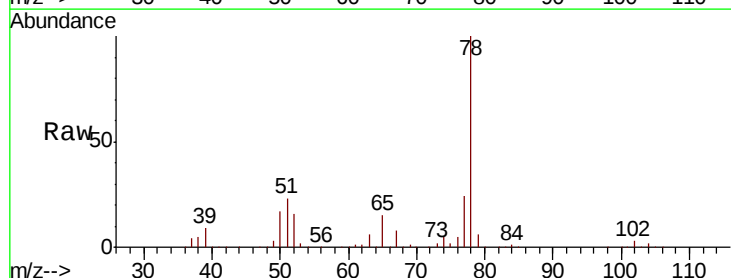
Tot Ion: 84 Resp: 5688
Ion Ratio Lower Upper
84 100
49 108.2 93.0 172.8
86 63.4 44.7 83.1



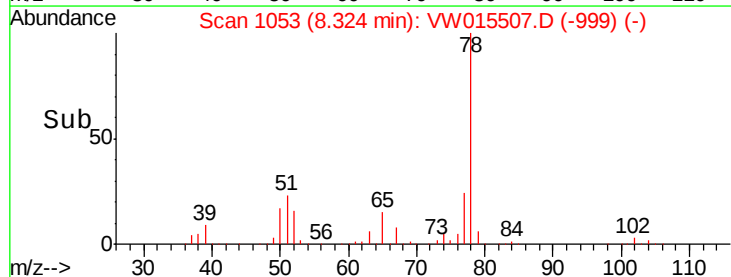
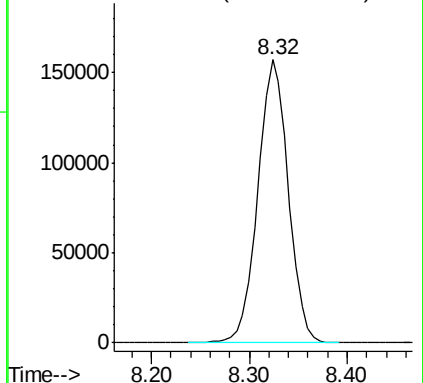
Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

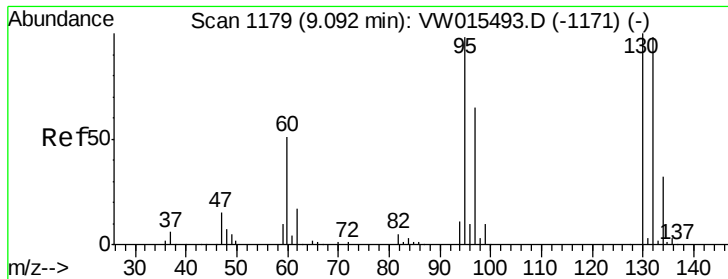


#34
Benzene
Concen: 38.913 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015507.D
Acq: 27 May 2020 16:21
Tgt Ion: 78 Resp: 342084



Abundance Ion 78.00 (77.70 to 78.70): VW





#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

ClientSampleId :

GAXD2

Tot Ion: 95 Resp: 74980

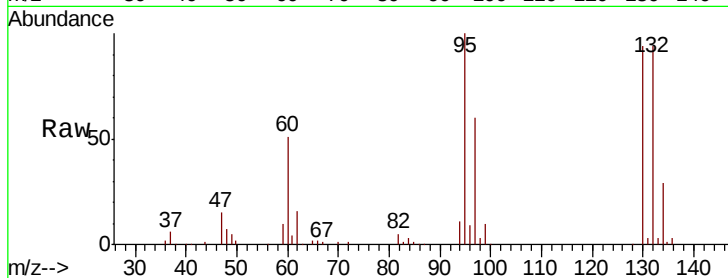
Ion Ratio Lower Upper

95 100

97 63.3 45.4 84.2

132 94.4 67.1 124.7

130 98.3 69.4 128.8



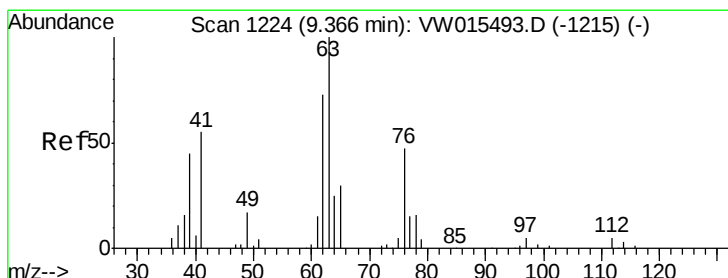
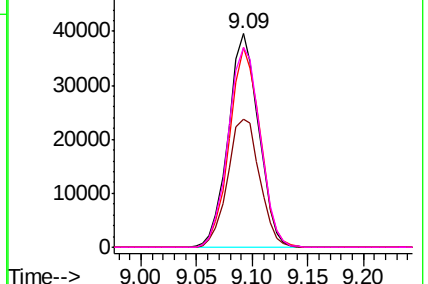
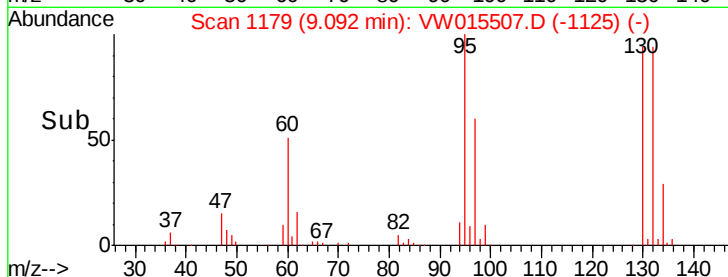
Abundance

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



#40

1,2-Dichloropropane

Concen: 5.664 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW015507.D

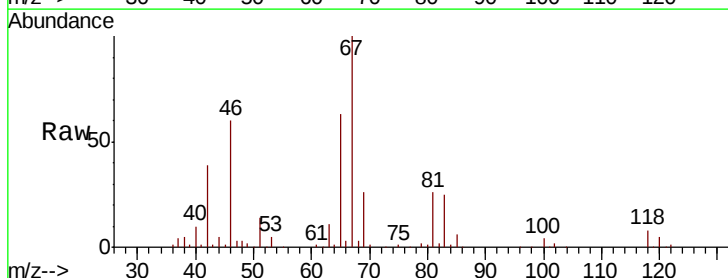
Acq: 27 May 2020 16:21

Tgt Ion: 63 Resp: 12262

Ion Ratio Lower Upper

63 100

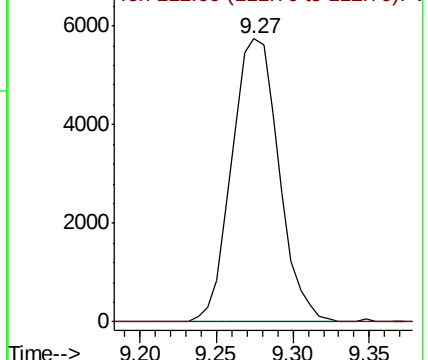
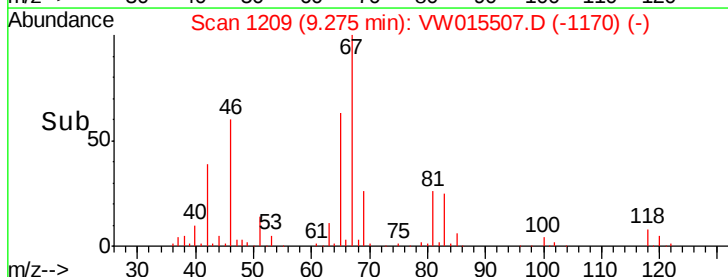
112 0.0 3.8 5.8#

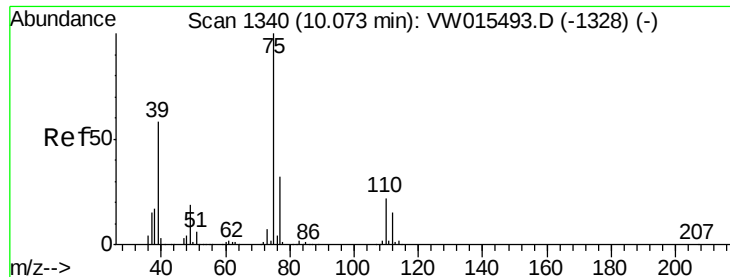


Abundance

Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.834 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015507.D

Acq: 27 May 2020 16:21

Instrument :

MSVOA_W

ClientSampled :

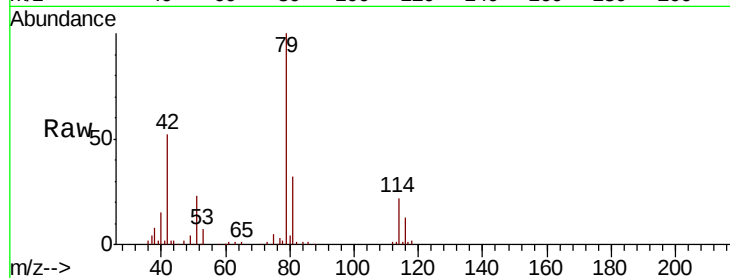
GAXD2

Tot Ion: 75 Resp: 2890

Ion Ratio Lower Upper

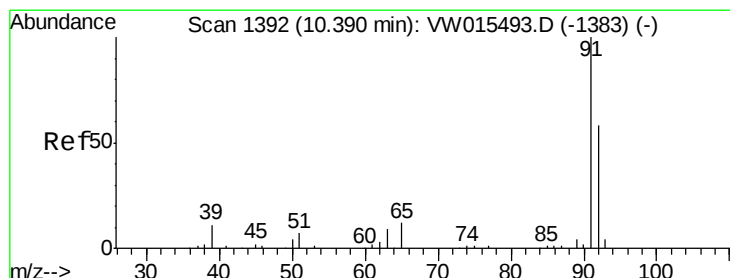
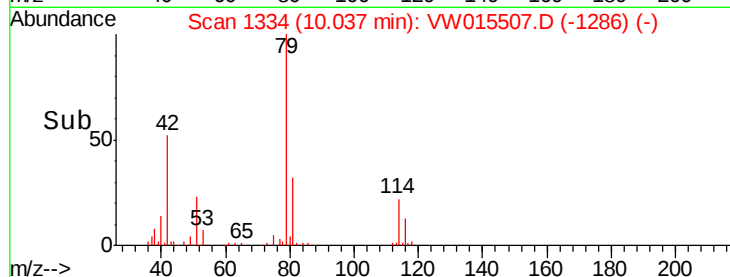
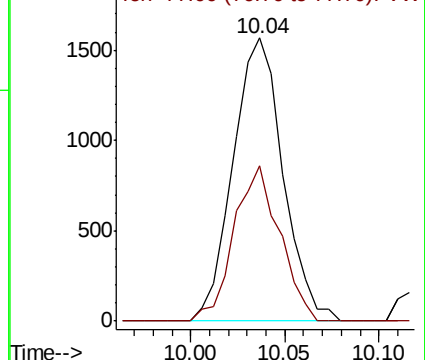
75 100

77 54.8 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 31.932 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015507.D

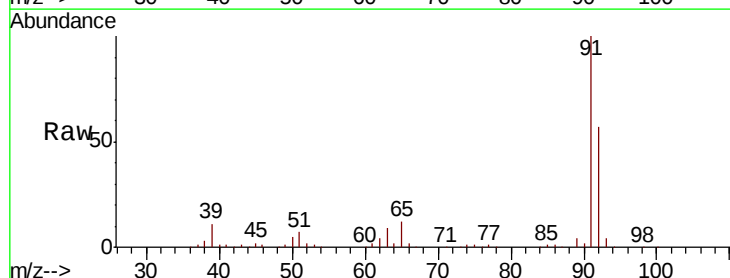
Acq: 27 May 2020 16:21

Tgt Ion: 91 Resp: 305834

Ion Ratio Lower Upper

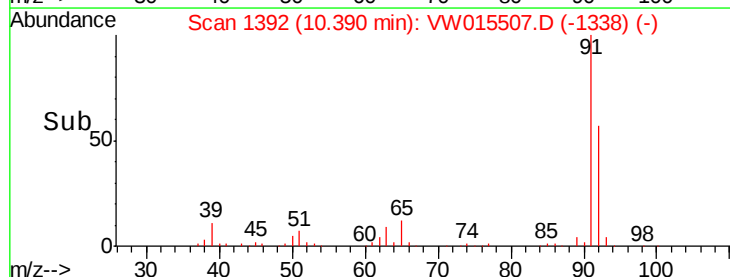
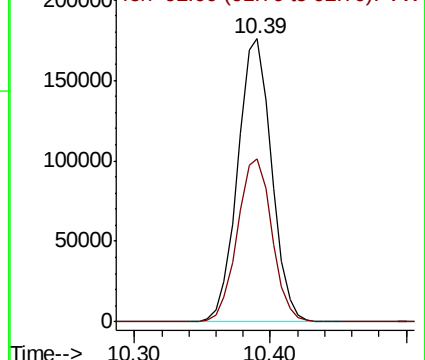
91 100

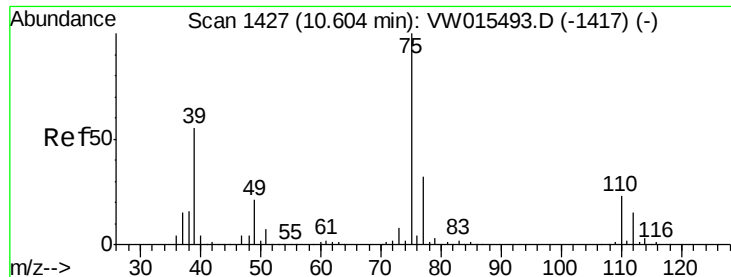
92 57.4 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

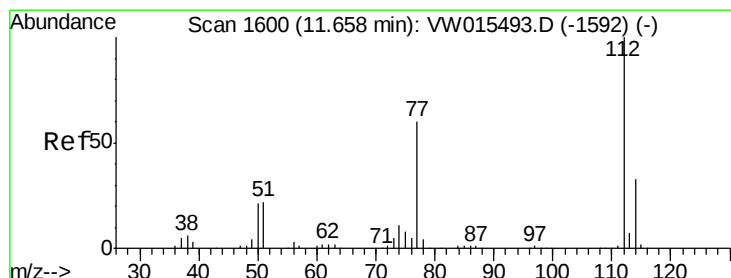
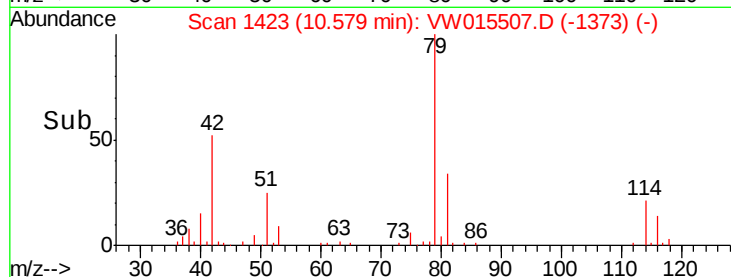
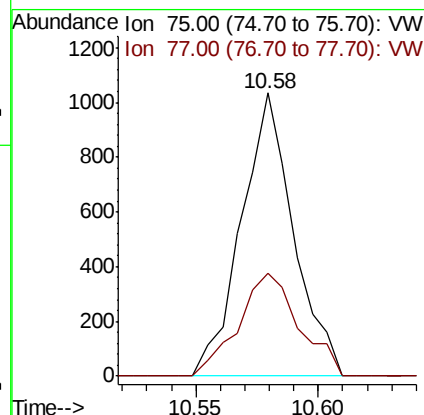
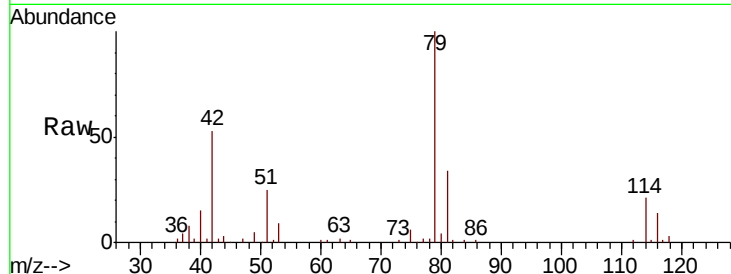




#45
trans-1,3-Dichloropropene
Concen: 0.508 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW015507.D
Acq: 27 May 2020 16:21

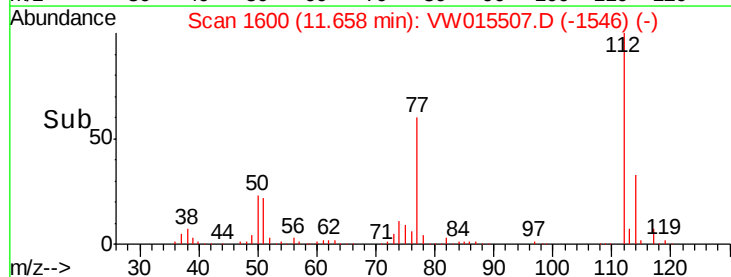
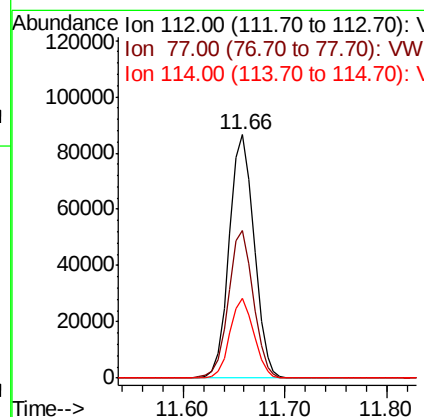
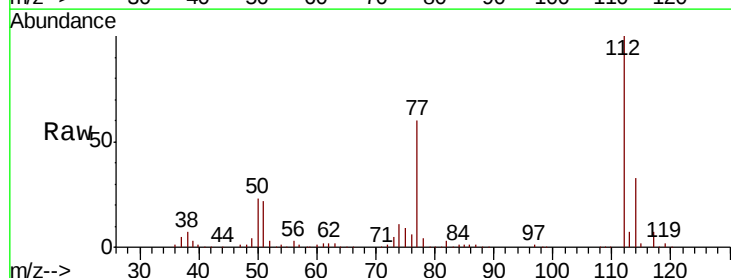
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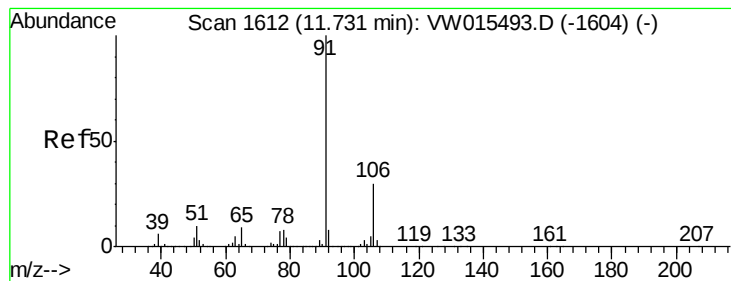
Tot Ion: 75 Resp: 1532
Ion Ratio Lower Upper
75 100
77 36.4 21.5 39.9



#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

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





#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

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD2

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

