

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015502.D
 Acq On : 27 May 2020 14:24
 Operator : SY/VA
 Sample : L2755-04
 Misc : 5.77G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD0

Quant Time: May 28 01:52:24 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	294764	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272152	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	121033	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75835	28.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.28%
7) Chloroethane-d5	2.89	69	70696	26.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.28%
10) 1,1-Dichloroethene-d2	4.01	63	114986	17.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.88%
20) 2-Butanone-d5	7.08	46	68033	77.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.28%#
24) Chloroform-d	7.65	84	165768	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.31	65	110550	29.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.60%
29) Benzene-d6	8.27	84	329992	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	103704	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.28%
37) Toluene-d8	10.32	98	307169	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.68%
38) trans-1,3-Dichloropropene-	10.58	79	47132	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.48%
39) 2-Hexanone-d5	10.93	63	58571	83.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.82%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99961	32.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	103552	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds

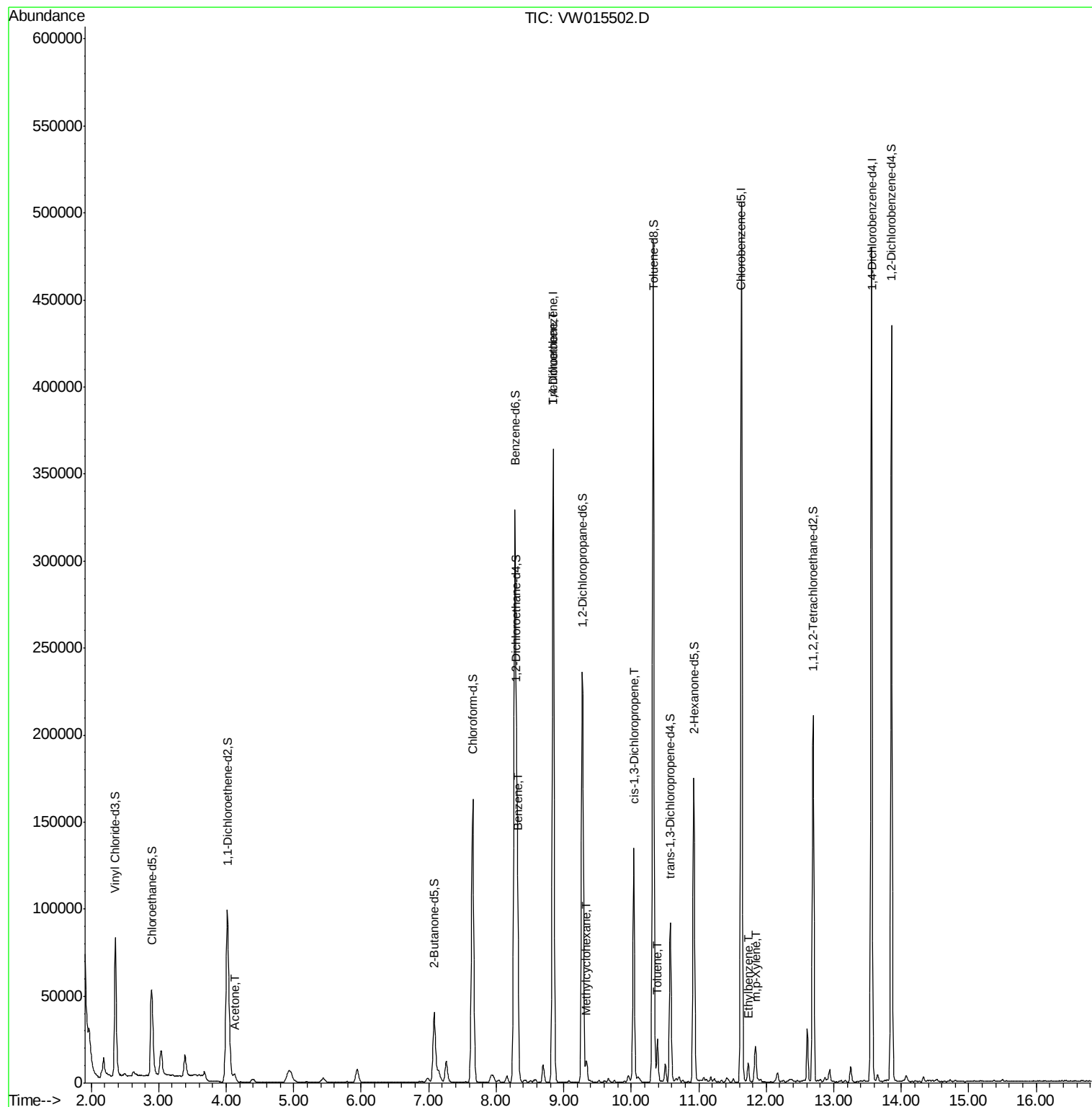
					Ovalue
13) Acetone	4.12	43	7273	10.668 ug/L	95
34) Benzene	8.32	78	7167	0.471 ug/L	100
35) Trichloroethene	8.84	95	9244	2.261 ug/L #	5
36) Methylcyclohexane	9.34	83	4467	0.613 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	3343	0.557 ug/L #	52
44) Toluene	10.39	91	16912	1.020 ug/L	100
53) Ethylbenzene	11.73	91	7153	0.376 ug/L	99
54) m,p-Xylene	11.84	106	4799	0.672 ug/L	80

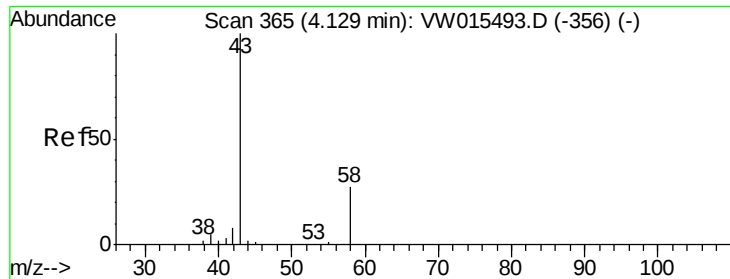
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 27 May 2020 14:24
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Instrument :
MSVOA_W
ClientSampleId :
GAXD0

Quant Time: May 28 01:52:24 2020
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





#13

Acetone

Concen: 10.668 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015502.D

Acq: 27 May 2020 14:24

Instrument :

MSVOA_W

ClientSampled :

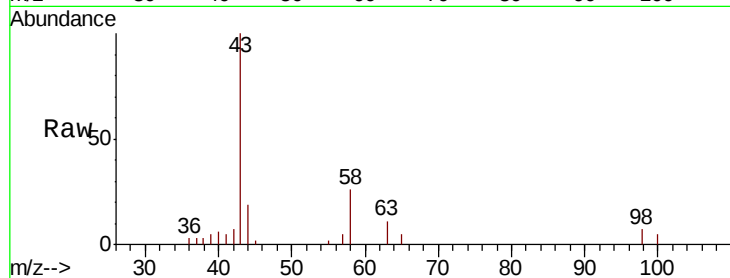
GAXD0

Tot Ion: 43 Resp: 7273

Ion Ratio Lower Upper

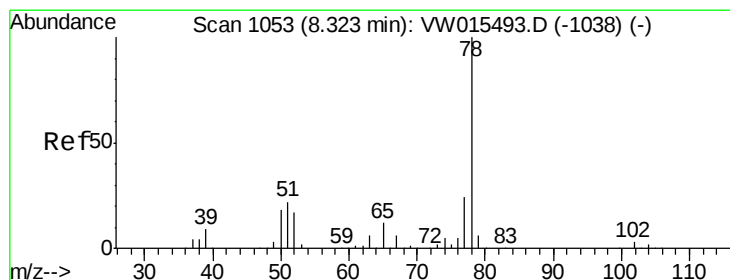
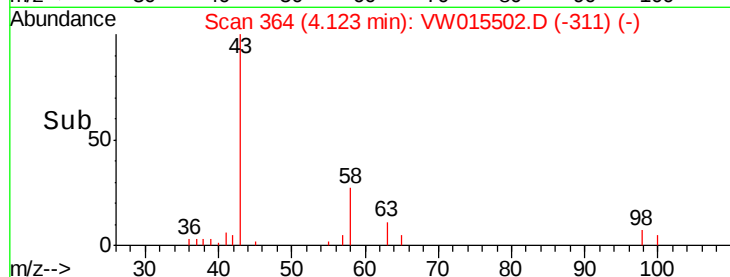
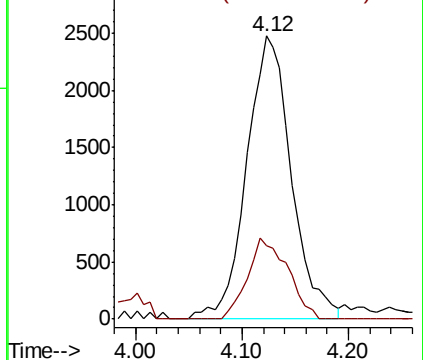
43 100

58 25.7 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#34

Benzene

Concen: 0.471 ug/L

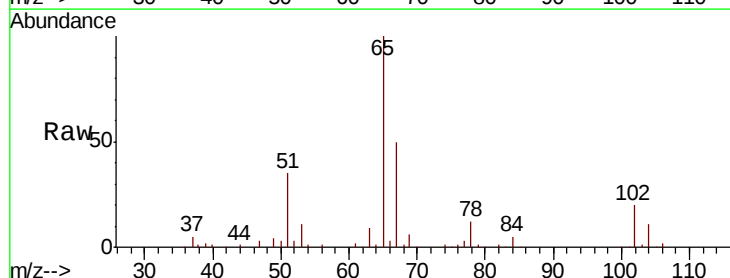
RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

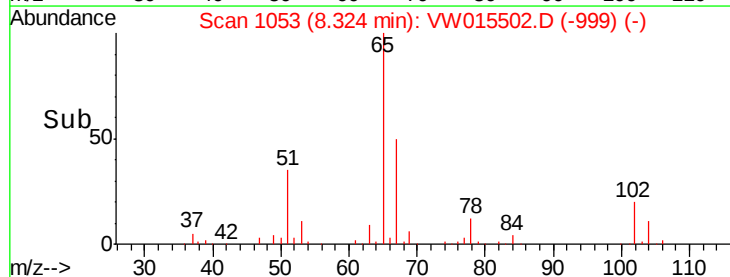
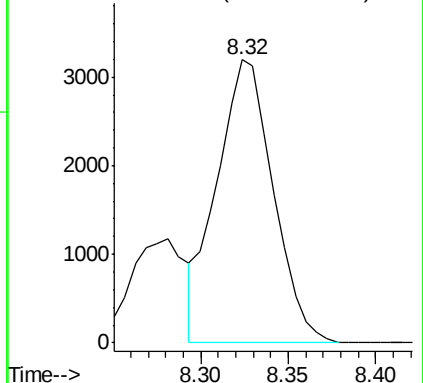
Lab File: VW015502.D

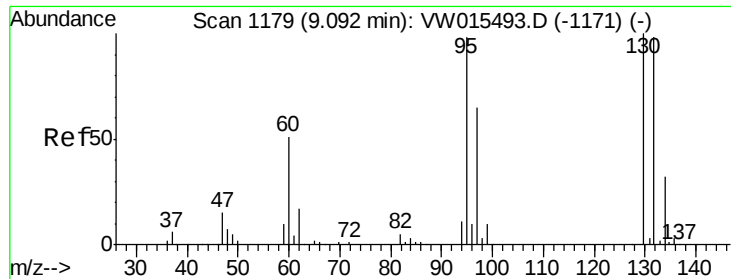
Acq: 27 May 2020 14:24

Tgt Ion: 78 Resp: 7167



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 2.261 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015502.D

Acq: 27 May 2020 14:24

Instrument :

MSVOA_W

ClientSampled :

GAXD0

Tot Ion: 95 Resp: 9244

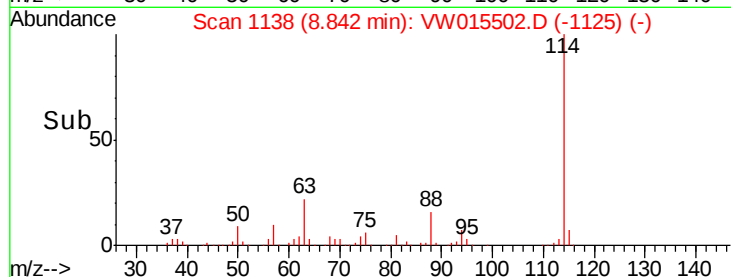
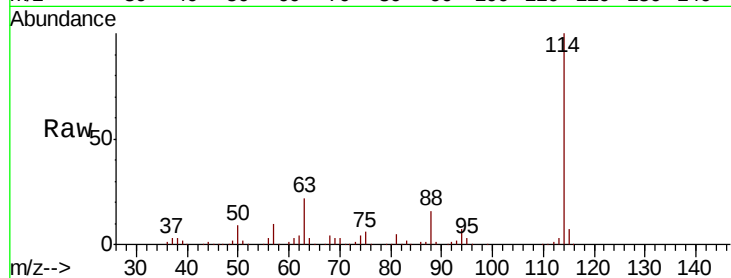
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

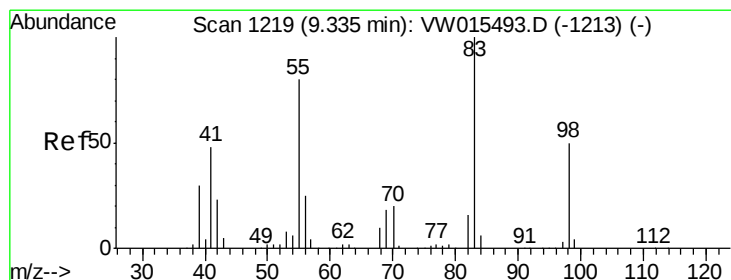
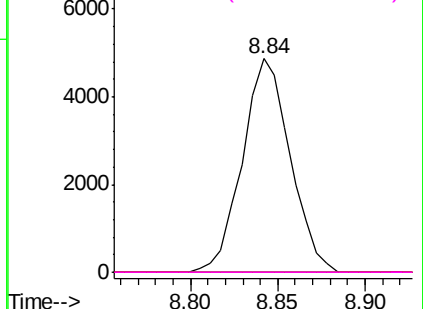


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 0.613 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW015502.D

Acq: 27 May 2020 14:24

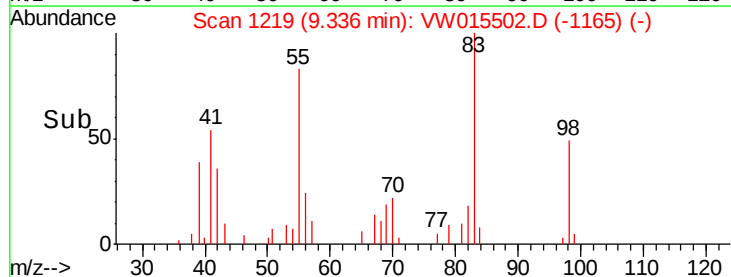
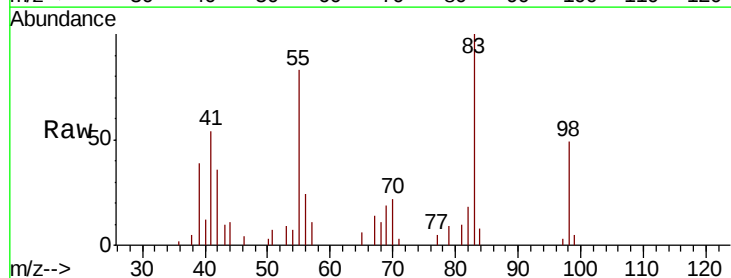
Tgt Ion: 83 Resp: 4467

Ion Ratio Lower Upper

83 100

55 81.9 62.8 94.2

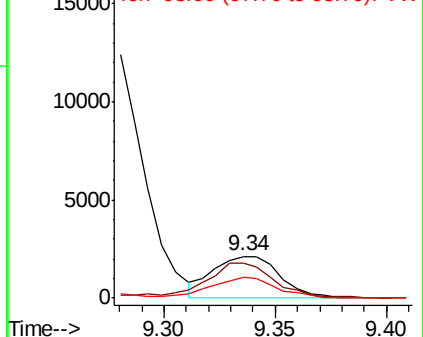
98 48.9 39.2 58.8

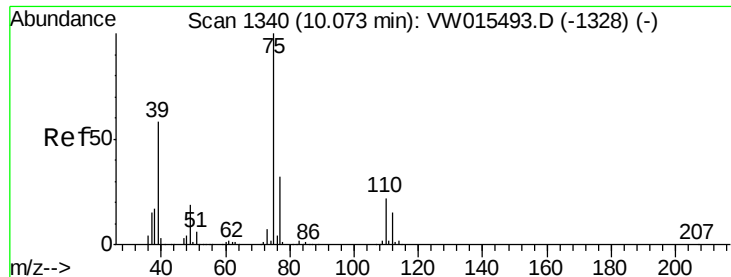


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.557 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015502.D

Acq: 27 May 2020 14:24

Instrument :

MSVOA_W

ClientSampleId :

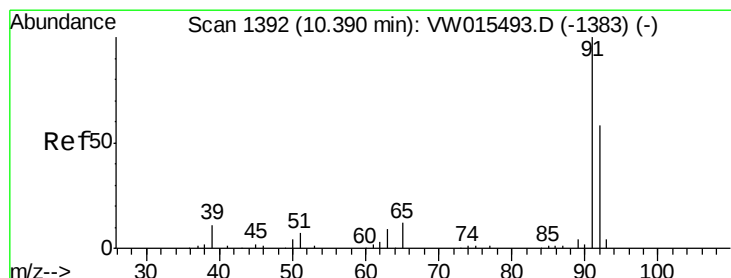
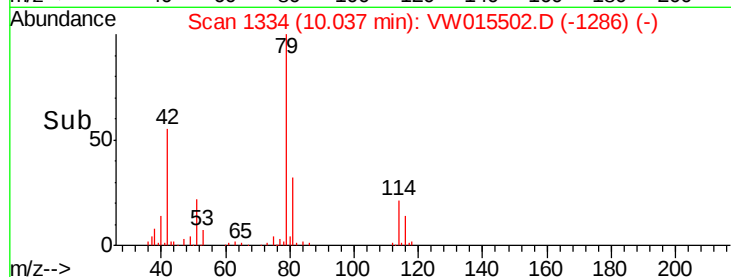
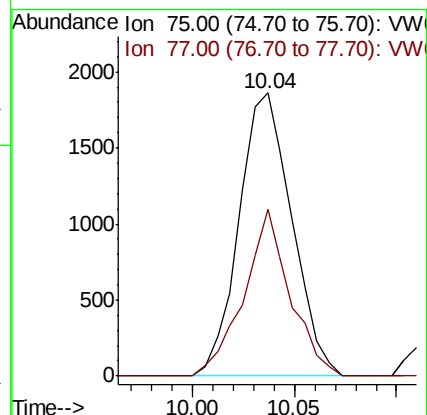
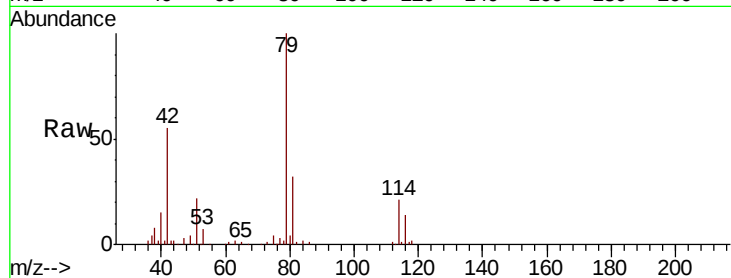
GAXD0

Tot Ion: 75 Resp: 3343

Ion Ratio Lower Upper

75 100

77 58.7 22.3 41.5#



#44

Toluene

Concen: 1.020 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015502.D

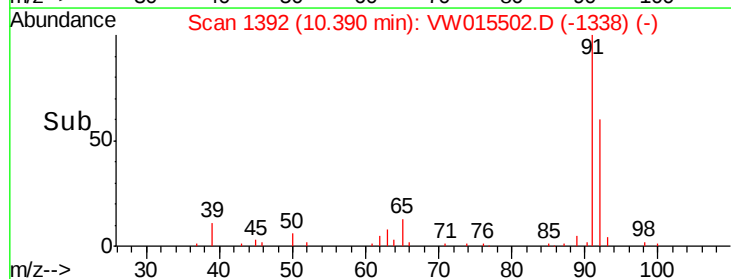
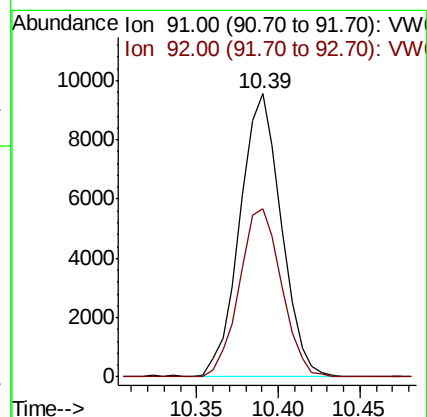
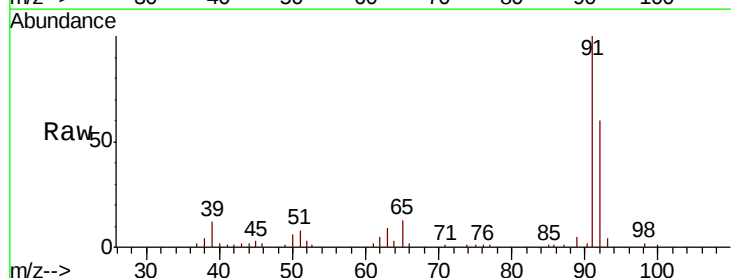
Acq: 27 May 2020 14:24

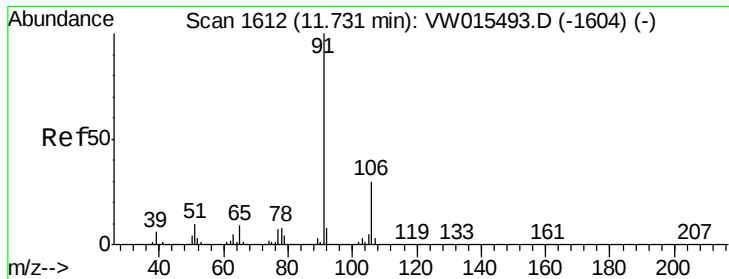
Tgt Ion: 91 Resp: 16912

Ion Ratio Lower Upper

91 100

92 59.6 41.7 77.5

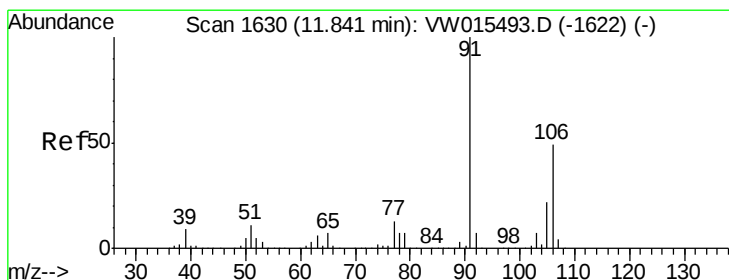
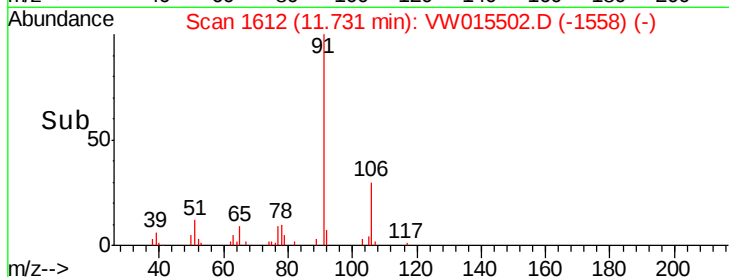
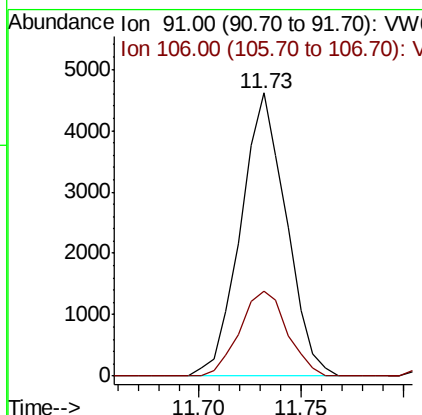
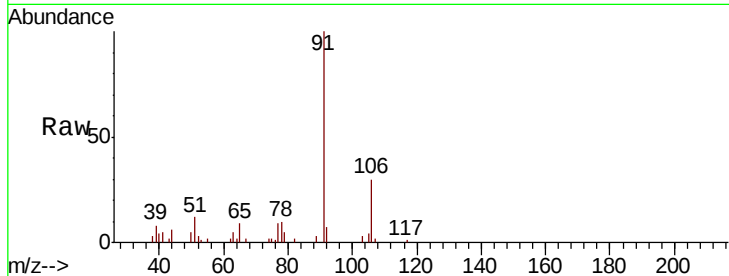




#53
Ethylbenzene
Concen: 0.376 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015502.D
Acq: 27 May 2020 14:24

Instrument :
MSVOA_W
ClientSampled :
GAXD0

Tot Ion: 91 Resp: 7153
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.6



#54
m,p-Xylene
Concen: 0.672 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015502.D
Acq: 27 May 2020 14:24

Tgt Ion: 106 Resp: 4799
Ion Ratio Lower Upper
106 100
91 173.6 142.6 264.8

