

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015582.D
 Acq On : 11 Jun 2020 12:20
 Operator : SY/VA
 Sample : L2959-06
 Misc : 4.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K0

Quant Time: Jun 12 05:04:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:02:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	380422	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337307	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117124	33.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.40%
7) Chloroethane-d5	2.90	69	92230	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.40%
10) 1,1-Dichloroethene-d2	4.01	63	167852	19.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.04%
20) 2-Butanone-d5	7.09	46	44756	39.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.64%
24) Chloroform-d	7.65	84	206038	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.31	65	112394	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.84%
29) Benzene-d6	8.27	84	417012	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	9.28	67	118656	23.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.40%
37) Toluene-d8	10.32	98	390773	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	10.58	79	49125	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
39) 2-Hexanone-d5	10.93	63	35751	41.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76456	20.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	113597	22.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.16%

Target Compounds

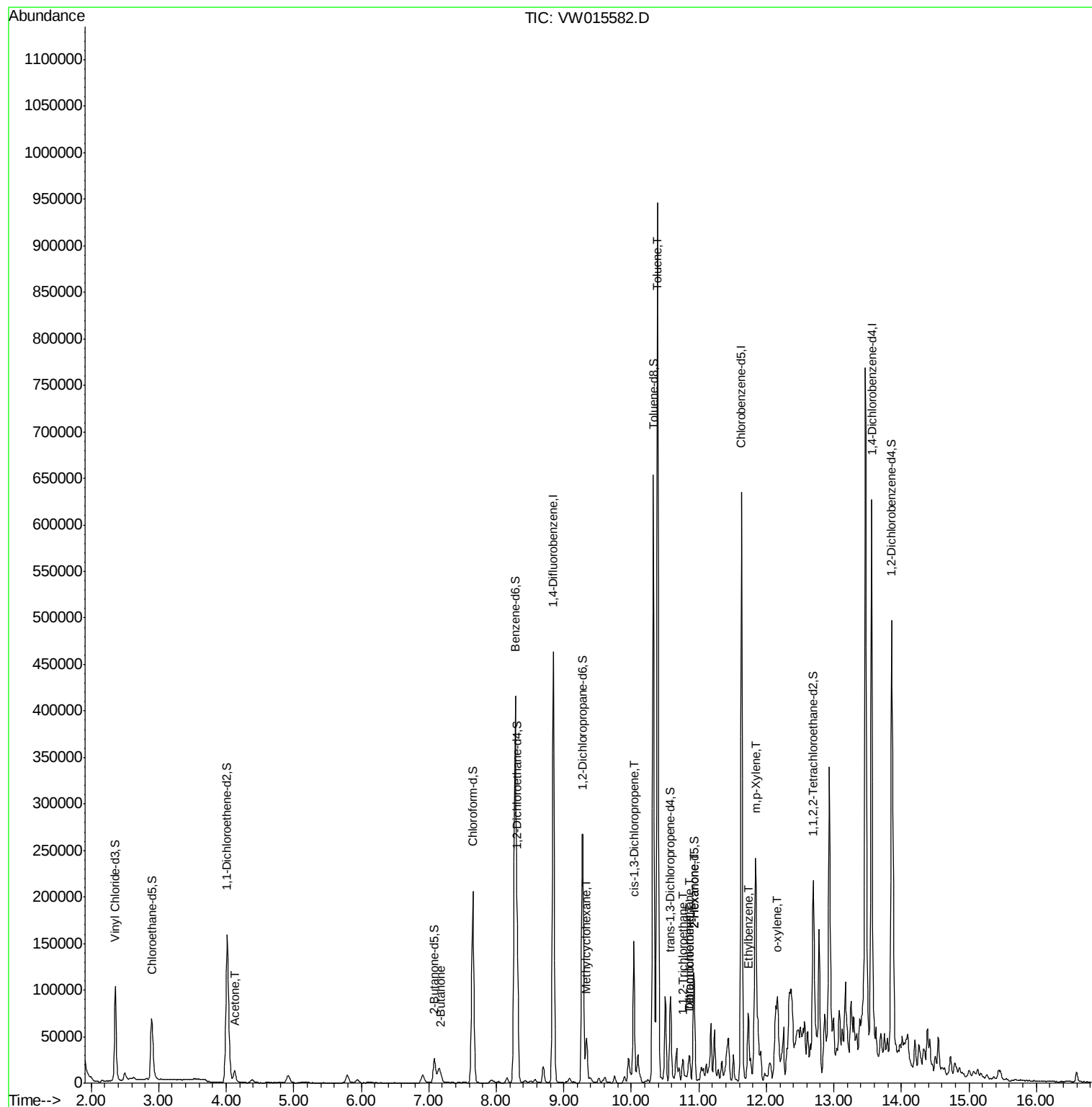
					Ovalue
13) Acetone	4.13	43	20812	23.653	ug/L 100
21) 2-Butanone	7.18	43	9703	7.178	ug/L 99
36) Methylcyclohexane	9.34	83	16608	1.838	ug/L # 88
42) cis-1,3-Dichloropropene	10.04	75	3926	0.528	ug/L # 75
44) Toluene	10.39	91	674364	32.814	ug/L 98
46) 1,1,2-Trichloroethane	10.76	97	8900	2.739	ug/L # 23
47) Tetrachloroethene	10.87	164	5084	1.266	ug/L 90
49) 2-Hexanone	10.93	43	10739	5.843	ug/L # 40
50) Dibromochloromethane	10.87	129	5050	1.279	ug/L # 12
53) Ethylbenzene	11.73	91	44946	1.905	ug/L 99
54) m,p-Xylene	11.84	106	48408	5.467	ug/L 95
55) o-xylene	12.17	106	17156	2.041	ug/L 95

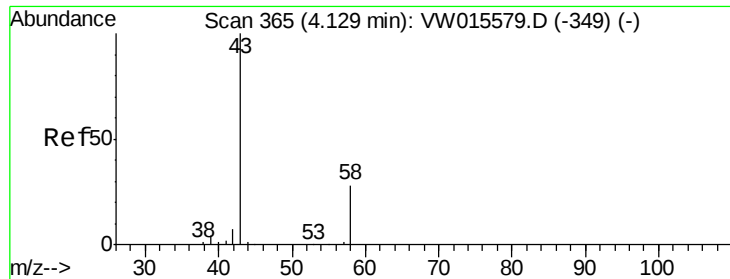
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

Quant Time: Jun 12 05:04:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:02:36 2020
Response via : Initial Calibration





#13

Acetone

Concen: 23.653 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015582.D

Acq: 11 Jun 2020 12:20

Instrument :

MSVOA_W

ClientSampled :

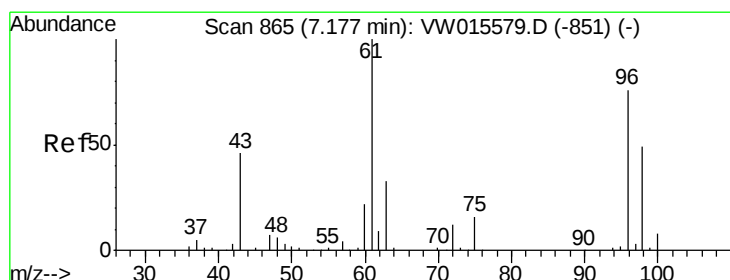
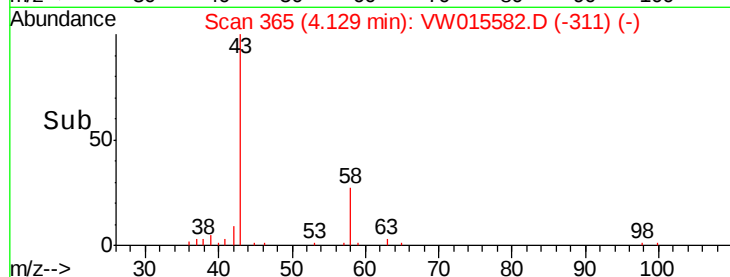
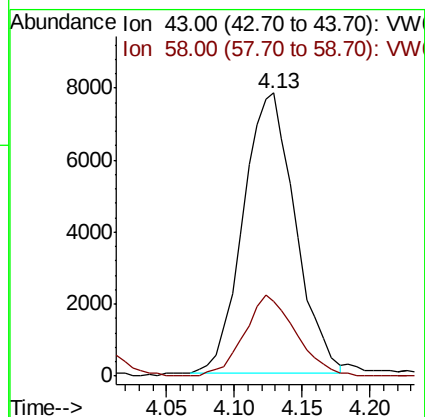
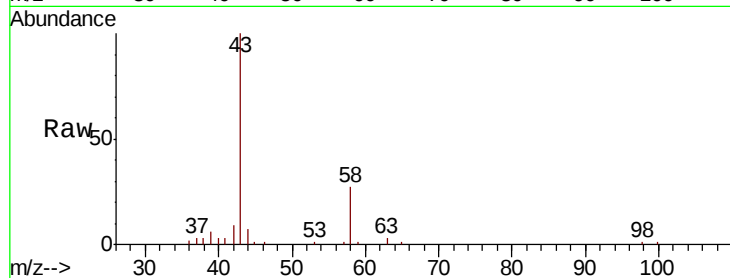
BG2K0

Tot Ion: 43 Resp: 20812

Ion Ratio Lower Upper

43 100

58 28.6 0.0 56.8



#21

2-Butanone

Concen: 7.178 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW015582.D

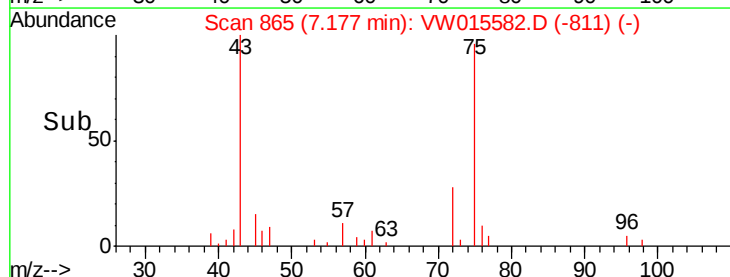
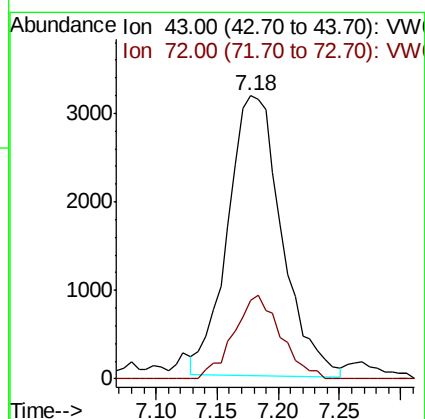
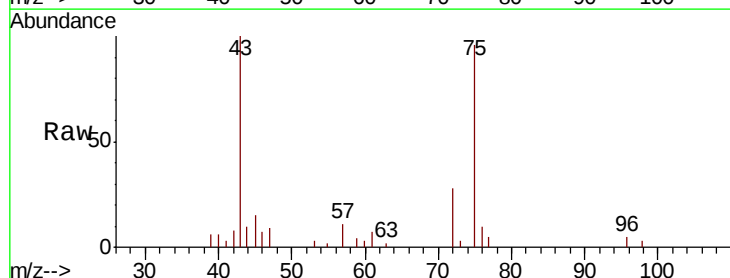
Acq: 11 Jun 2020 12:20

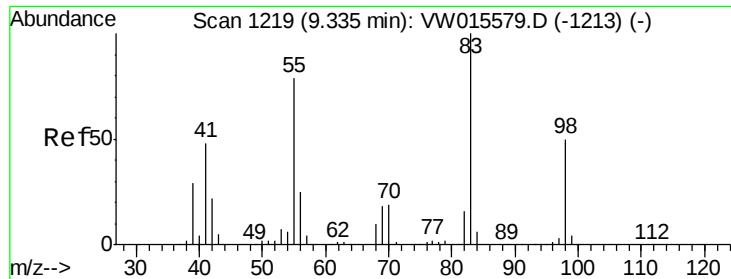
Tgt Ion: 43 Resp: 9703

Ion Ratio Lower Upper

43 100

72 26.0 13.3 39.9

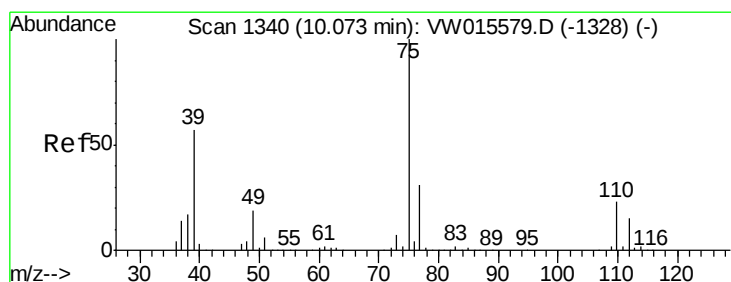
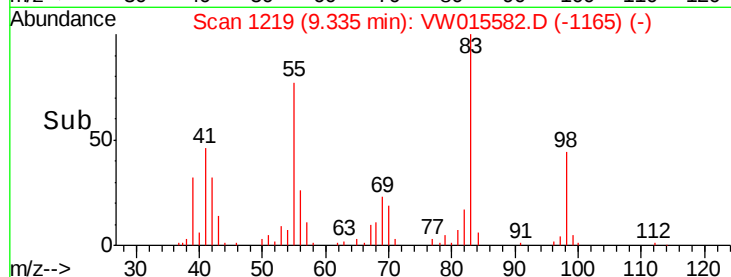
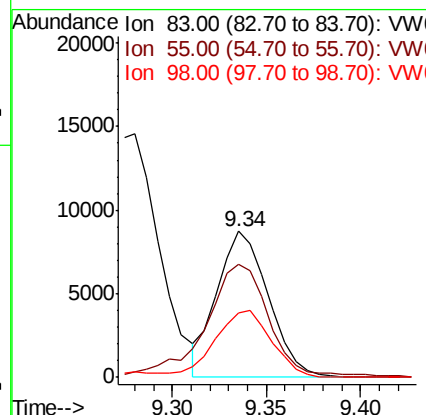
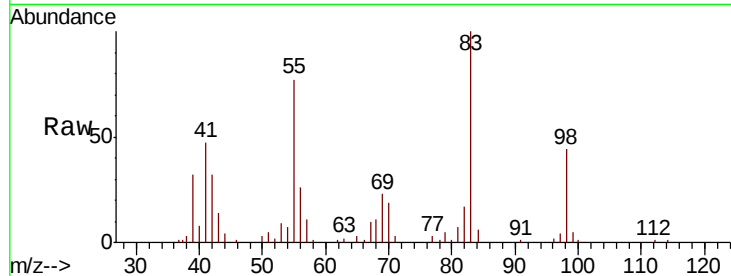




#36
Methvlcvclohexane
Concen: 1.838 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015582.D
Acq: 11 Jun 2020 12:20

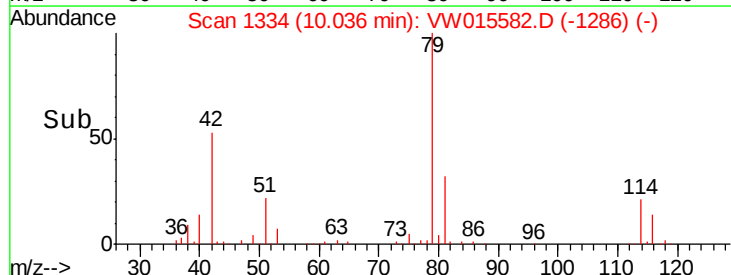
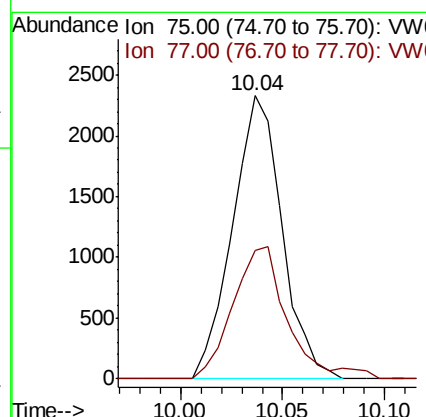
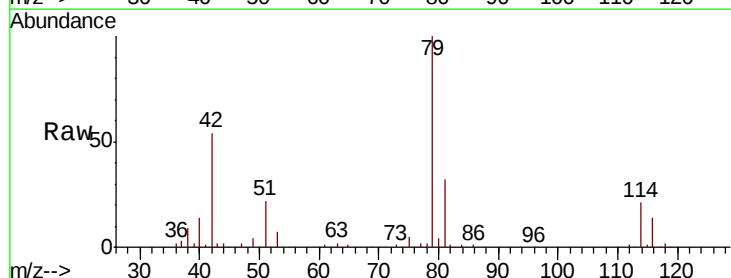
Instrument :
MSVOA_W
ClientSampled :
BG2K0

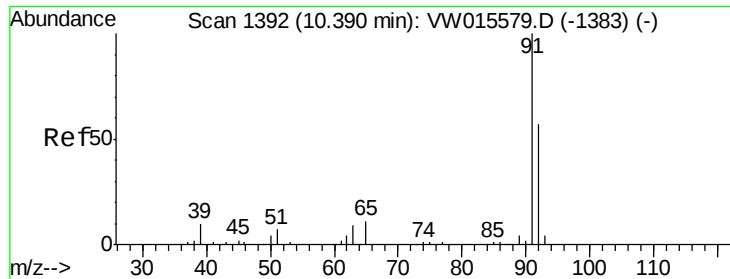
Tot Ion: 83 Resp: 16608
Ion Ratio Lower Upper
83 100
55 95.4 62.8 94.2#
98 50.0 39.2 58.8



#42
cis-1,3-Dichloropropene
Concen: 0.528 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015582.D
Acq: 11 Jun 2020 12:20

Tgt Ion: 75 Resp: 3926
Ion Ratio Lower Upper
75 100
77 45.6 22.3 41.5#





#44

Toluene

Concen: 32.814 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015582.D

Acq: 11 Jun 2020 12:20

Instrument :

MSVOA_W

ClientSampleId :

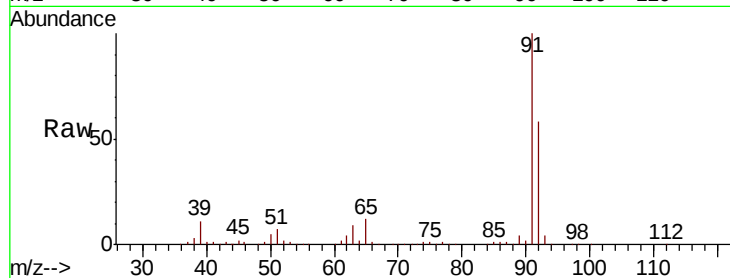
BG2K0

Tot Ion: 91 Resp: 674364

Ion Ratio Lower Upper

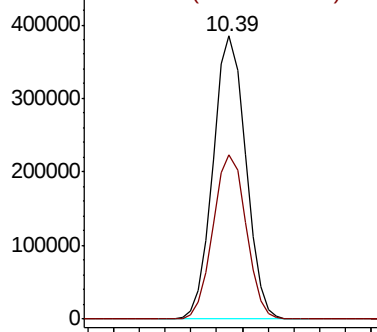
91 100

92 58.2 41.7 77.5

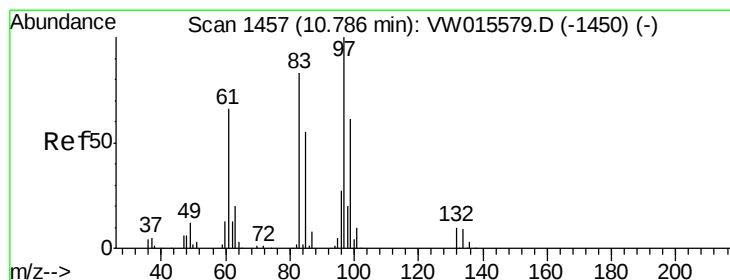
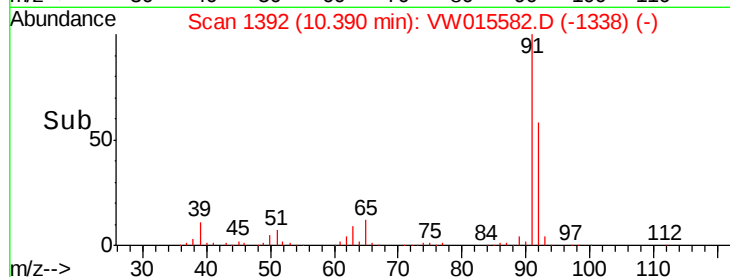


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



Time-->



#46

1,1,2-Trichloroethane

Concen: 2.739 ug/L

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW015582.D

Acq: 11 Jun 2020 12:20

Tgt Ion: 97 Resp: 8900

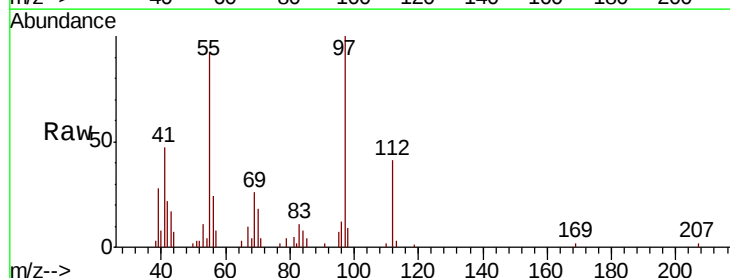
Ion Ratio Lower Upper

97 100

83 10.6 58.2 108.2#

85 4.3 37.4 69.4#

99 0.0 43.7 81.1#

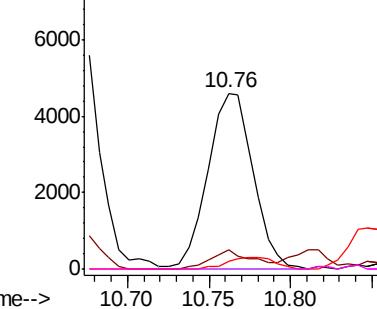


Abundance Ion 97.00 (96.70 to 97.70): VW

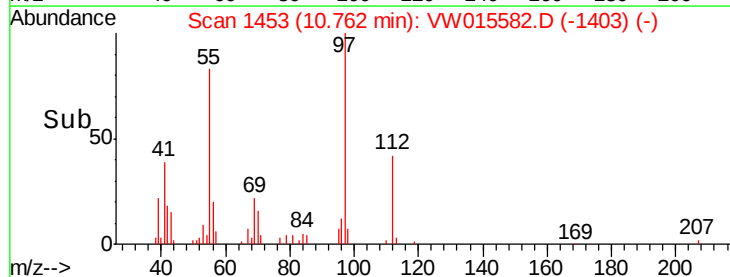
Ion 83.00 (82.70 to 83.70): VW

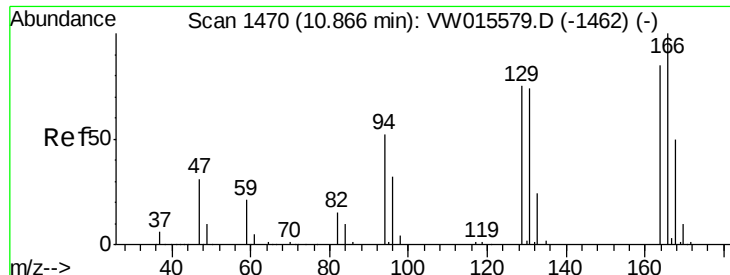
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



Time-->





#47

Tetrachloroethene

Concen: 1.266 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW015582.D

Acq: 11 Jun 2020 12:20

Instrument :

MSVOA_W

ClientSampleId :

BG2K0

Tot Ion:164 Resp: 5084

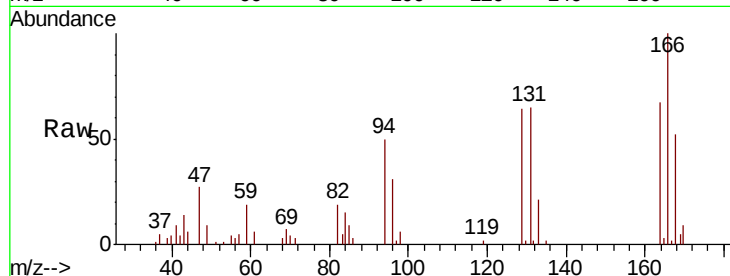
Ion Ratio Lower Upper

164 100

129 96.1 66.3 123.1

131 96.9 65.1 120.9

166 152.4 90.8 168.6

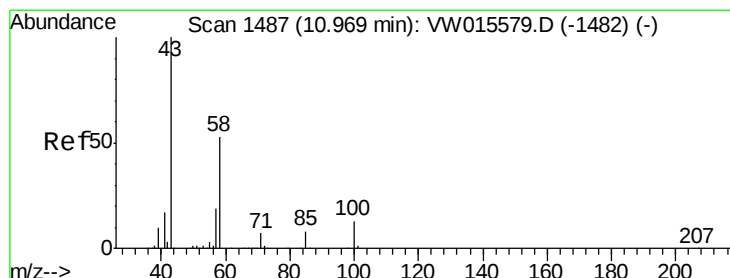
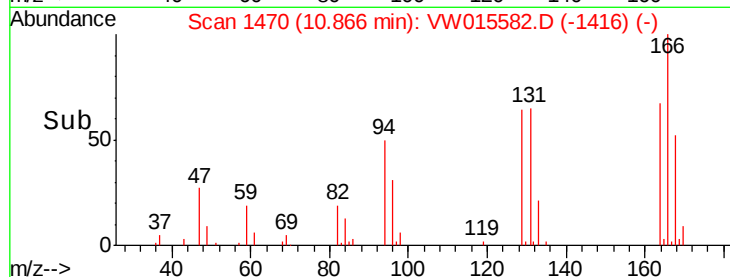
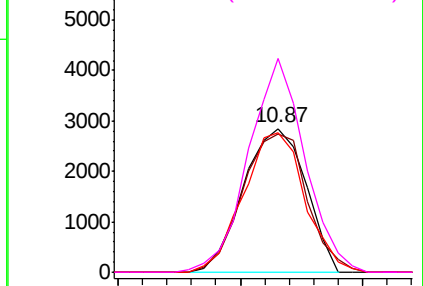


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 5.843 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW015582.D

Acq: 11 Jun 2020 12:20

Tgt Ion: 43 Resp: 10739

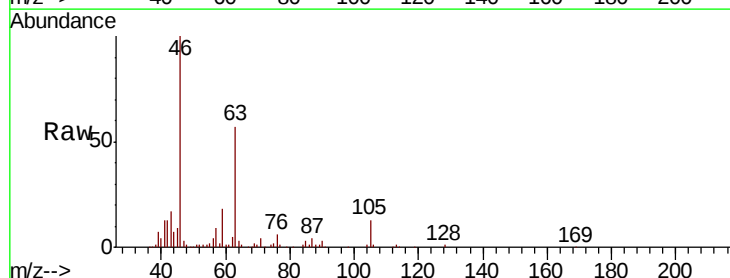
Ion Ratio Lower Upper

43 100

58 11.8 42.6 64.0#

57 57.0 15.5 23.3#

100 0.0 10.3 15.5#

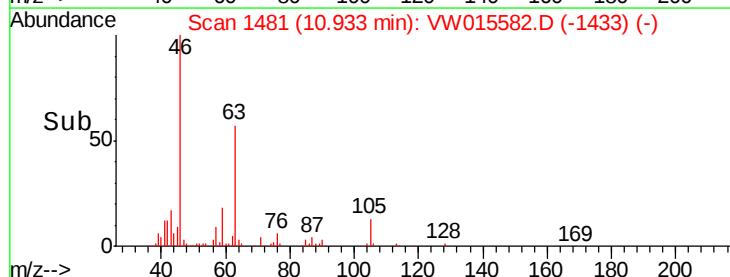
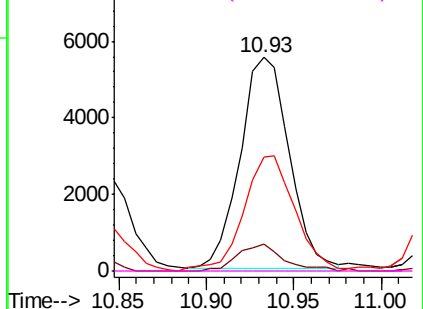


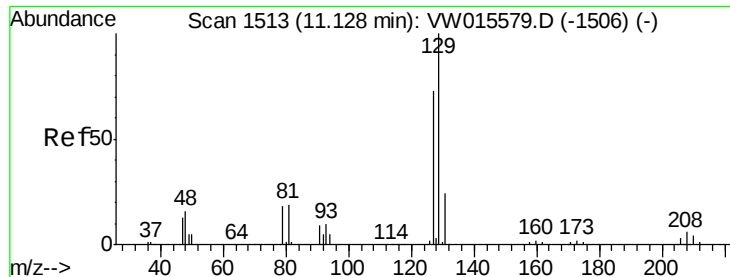
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 1.279 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW015582.D

Acq: 11 Jun 2020 12:20

Instrument :

MSVOA_W

ClientSampled :

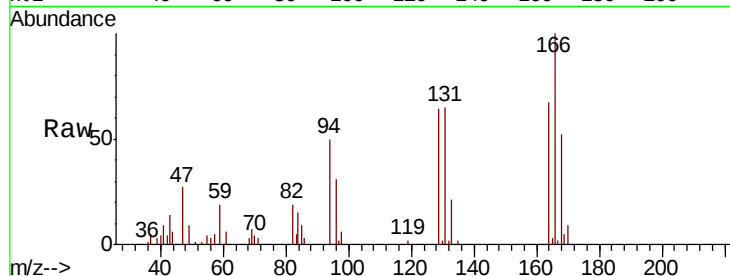
BG2K0

Tot Ion:129 Resp: 5050

Ion Ratio Lower Upper

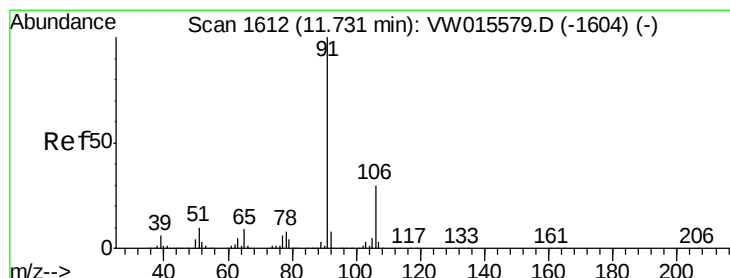
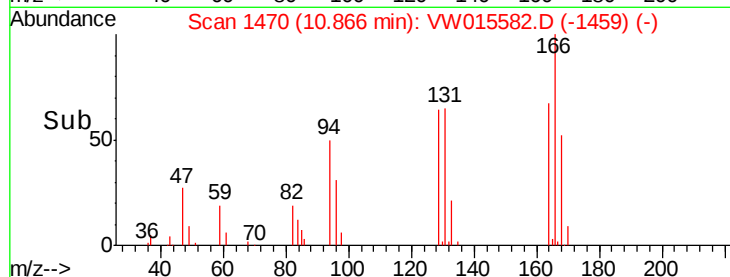
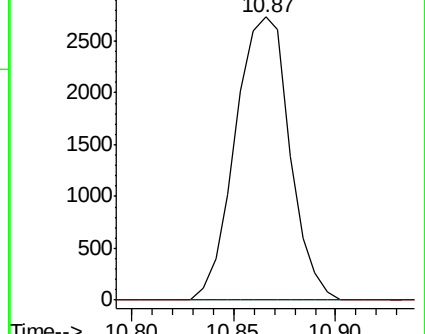
129 100

127 0.0 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

Ethylbenzene

Concen: 1.905 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015582.D

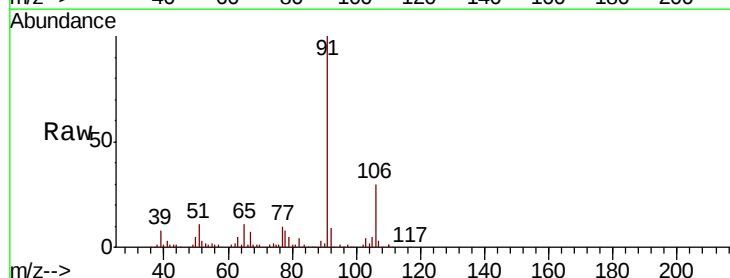
Acq: 11 Jun 2020 12:20

Tgt Ion: 91 Resp: 44946

Ion Ratio Lower Upper

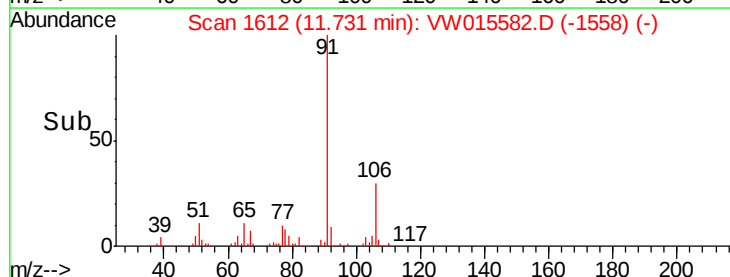
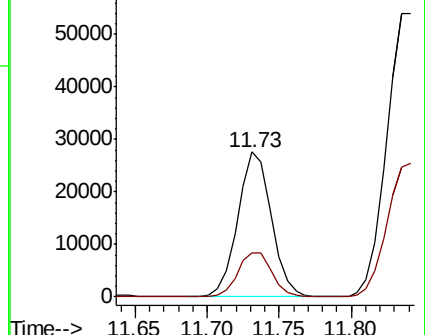
91 100

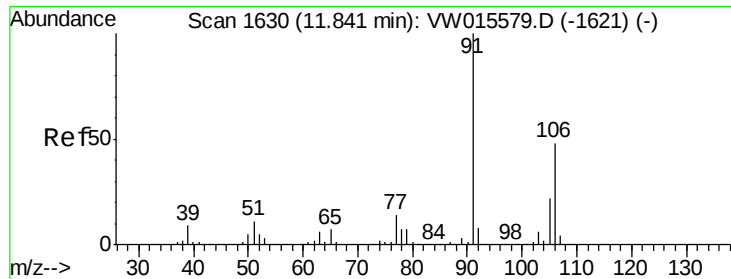
106 30.1 21.3 39.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 5.467 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW015582.D

Acq: 11 Jun 2020 12:20

Instrument :

MSVOA_W

ClientSampleId :

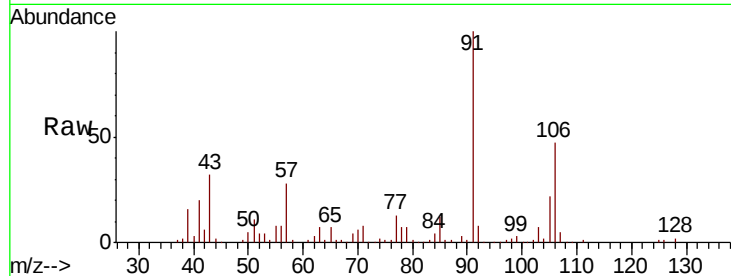
BG2K0

Tot Ion:106 Resp: 48408

Ion Ratio Lower Upper

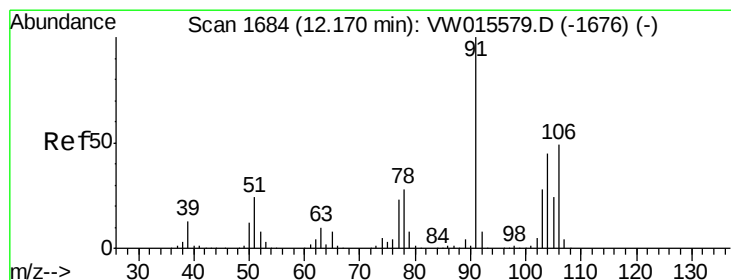
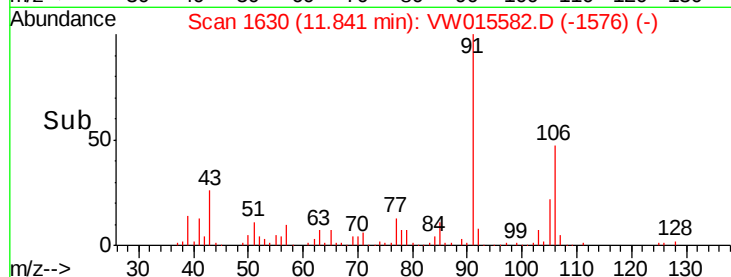
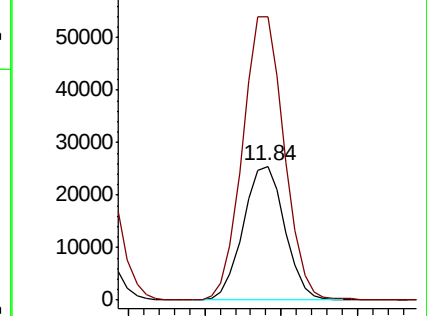
106 100

91 210.7 142.6 264.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 2.041 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW015582.D

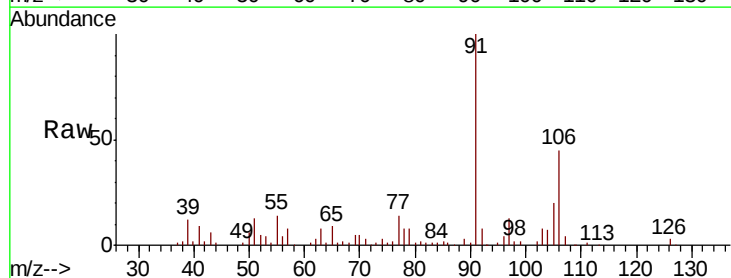
Acq: 11 Jun 2020 12:20

Tgt Ion:106 Resp: 17156

Ion Ratio Lower Upper

106 100

91 220.8 149.0 276.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

