

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
 Data File : VW011770.D
 Acq On : 08 Aug 2019 12:57
 Operator : SY/VA
 Sample : K4215-01
 Misc : 5.25G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB4

Quant Time: Aug 09 04:09:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 02:27:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	182460	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	93970	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	19305	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	48825	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.00%
7) Chloroethane-d5	2.89	69	44590	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
10) 1,1-Dichloroethene-d2	4.01	63	85008	14.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.72%
20) 2-Butanone-d5	7.07	46	87728	75.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.66%#
24) Chloroform-d	7.65	84	109445	21.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	8.31	65	72934	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	214855	36.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.44%#
33) 1,2-Dichloropropane-d6	9.27	67	72128	37.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.24%#
37) Toluene-d8	10.32	98	141254	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.72%
38) trans-1,3-Dichloropropene-	10.58	79	18180	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.93	63	38784	87.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.08%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54048	34.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	16994	22.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.36%

Target Compounds

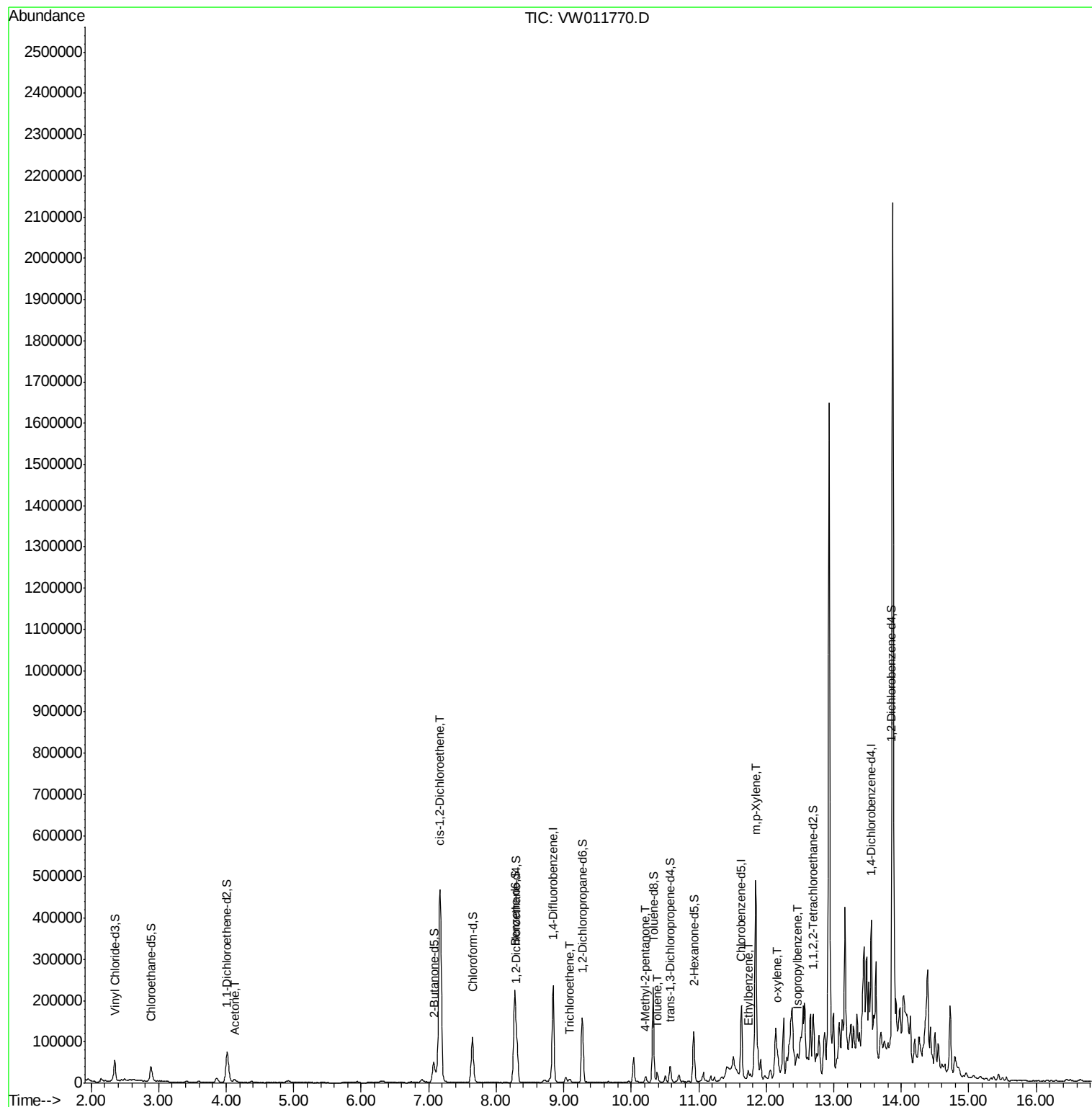
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	12697	10.248	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	267454	94.420	ug/L	98
35) Trichloroethene	9.09	95	2008	1.201	ug/L #	81
43) 4-Methyl-2-pentanone	10.21	43	12333	7.744	ug/L	97
44) Toluene	10.38	91	17316	2.588	ug/L	100
53) Ethylbenzene	11.73	91	13252	1.776	ug/L	100
54) m,p-Xylene	11.84	106	17558	6.472	ug/L	94
55) o-xylene	12.16	106	5705	2.234	ug/L	90
57) Isopropylbenzene	12.46	105	3344	0.476	ug/L #	79

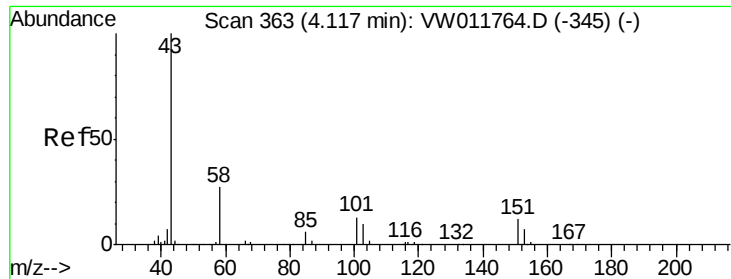
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011770.D
Acq On : 08 Aug 2019 12:57
Operator : SY/VA
Sample : K4215-01
Misc : 5.25G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB4

Quant Time: Aug 09 04:09:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 02:27:11 2019
Response via : Initial Calibration





#13

Acetone

Concen: 10.248 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011770.D

Acq: 08 Aug 2019 12:57

Instrument :

MSVOA_W

ClientSampled :

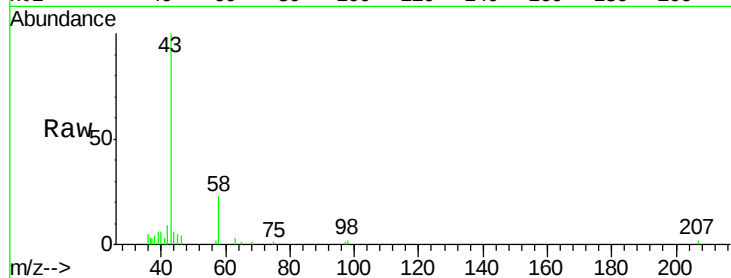
ETOB4

Tot Ion: 43 Resp: 12697

Ion Ratio Lower Upper

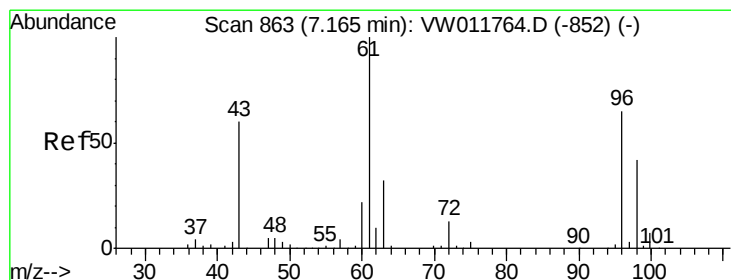
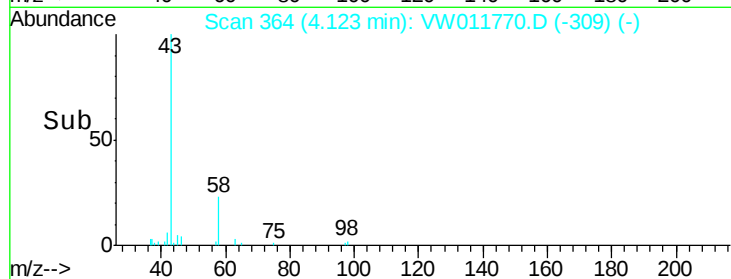
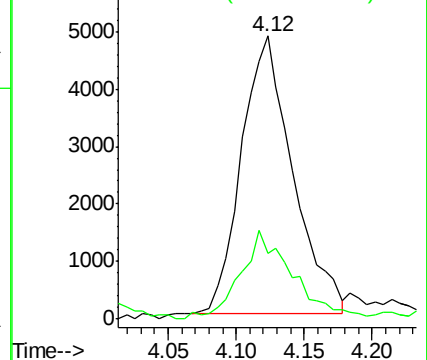
43 100

58 26.5 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 94.420 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011770.D

Acq: 08 Aug 2019 12:57

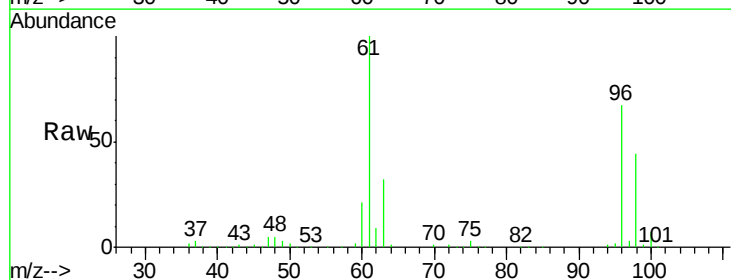
Tgt Ion: 96 Resp: 267454

Ion Ratio Lower Upper

96 100

61 149.5 103.9 192.9

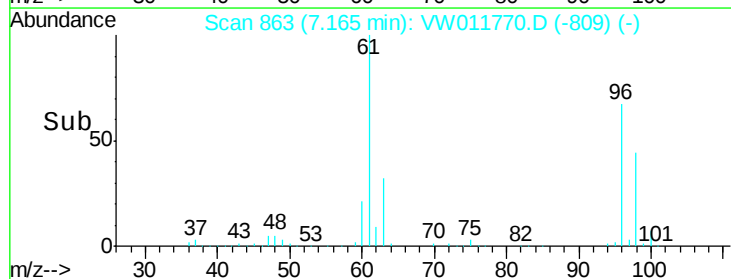
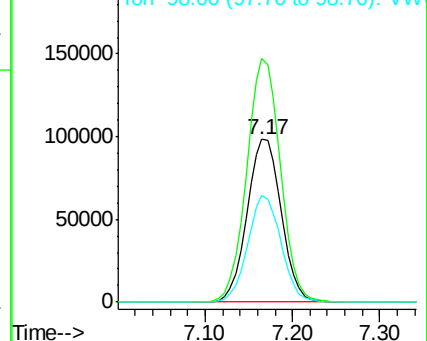
98 65.5 43.5 80.9

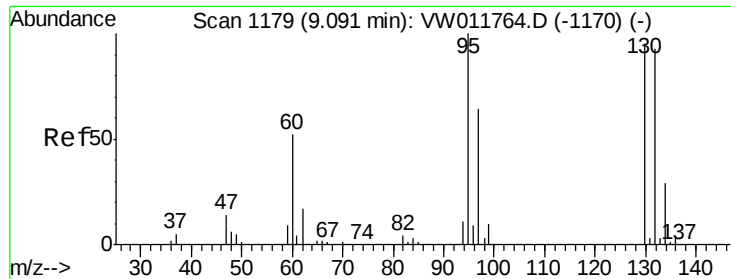


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

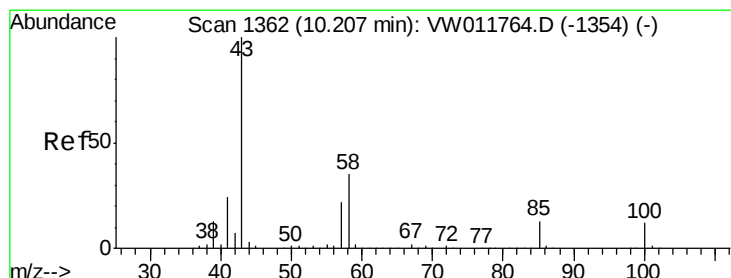
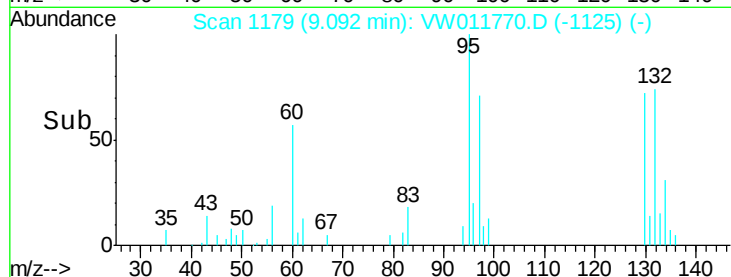
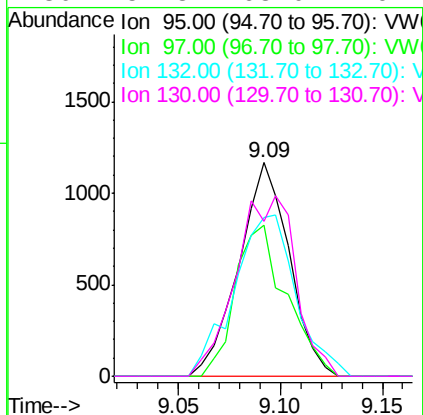
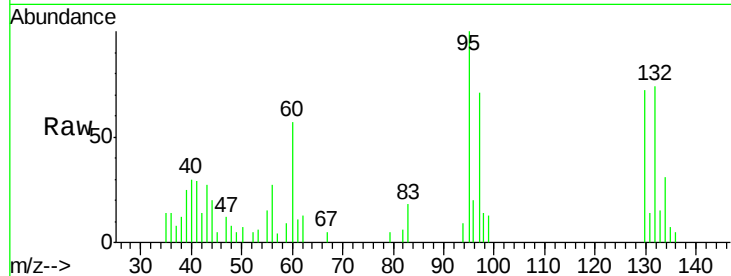




#35
 Trichloroethene
 Concen: 1.201 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW011770.D
 Acq: 08 Aug 2019 12:57

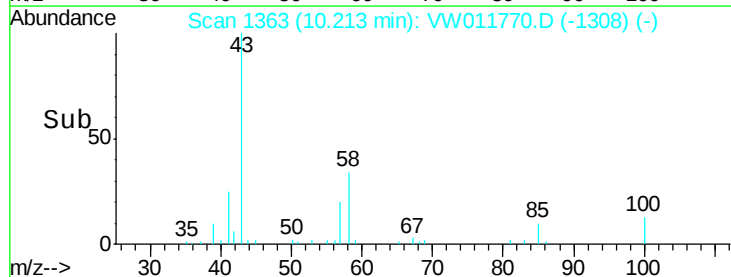
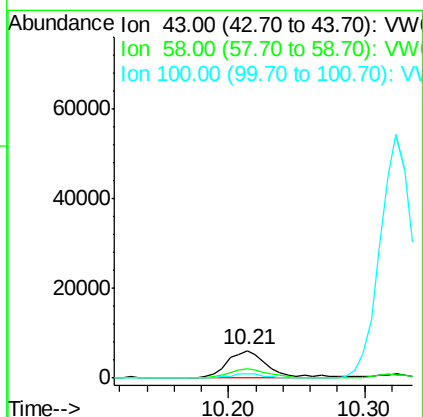
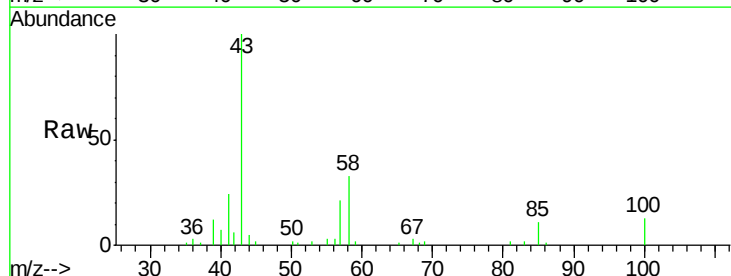
Instrument :
 MSVOA_W
 ClientSampled :
 ETOB4

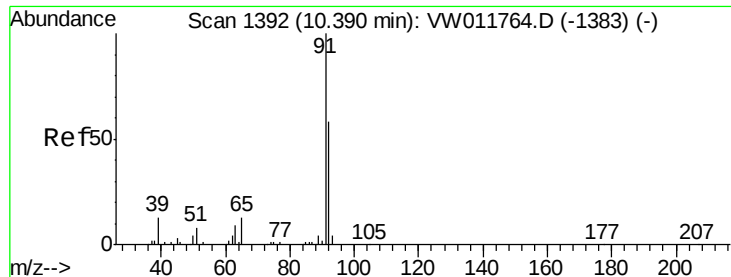
Tot Ion: 95 Resp: 2008
 Ion Ratio Lower Upper
 95 100
 97 71.5 44.8 83.2
 132 92.2 65.0 120.6
 130 54.8 68.0 126.4#



#43
 4-Methyl-2-pentanone
 Concen: 7.744 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW011770.D
 Acq: 08 Aug 2019 12:57

Tgt Ion: 43 Resp: 12333
 Ion Ratio Lower Upper
 43 100
 58 33.9 28.0 42.0
 100 13.6 9.4 14.2





#44

Toluene

Concen: 2.588 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW011770.D

Acq: 08 Aug 2019 12:57

Instrument :

MSVOA_W

ClientSampled :

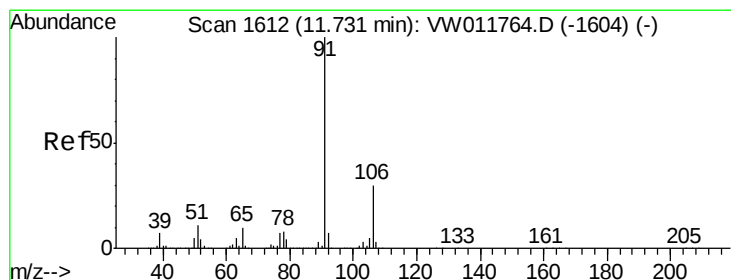
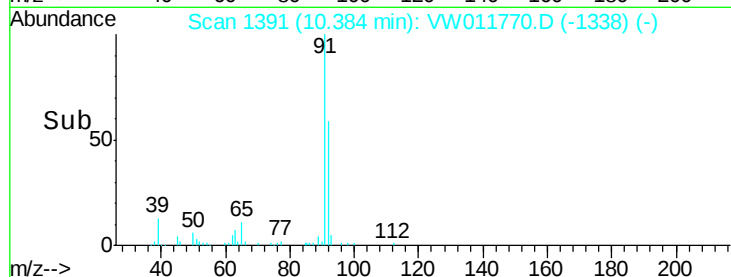
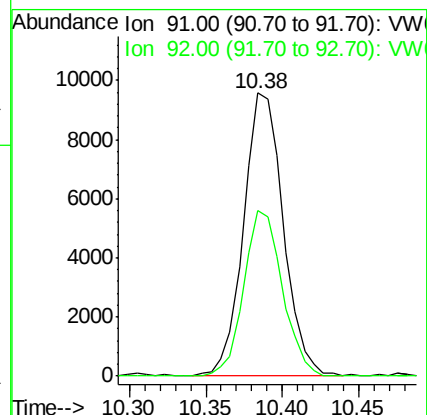
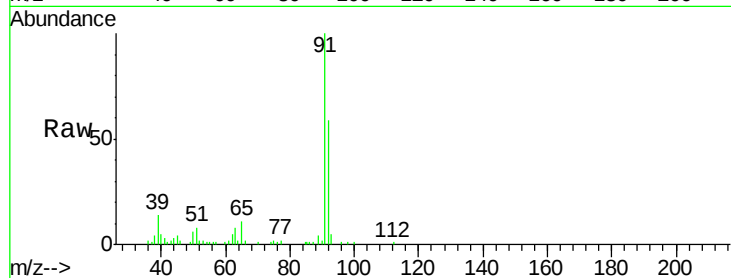
ETOB4

Tot Ion: 91 Resp: 17316

Ion Ratio Lower Upper

91 100

92 58.6 40.9 76.0



#53

Ethylbenzene

Concen: 1.776 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW011770.D

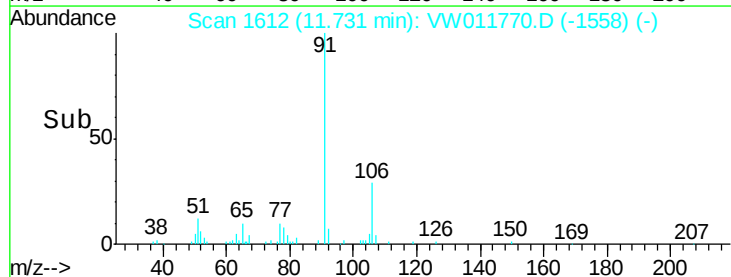
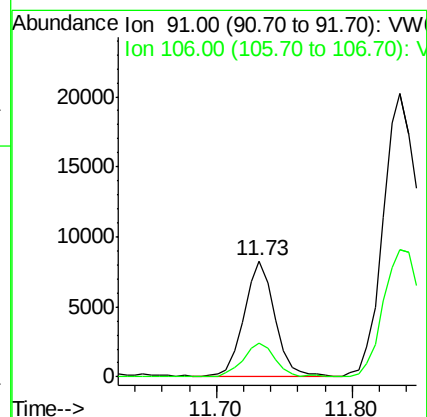
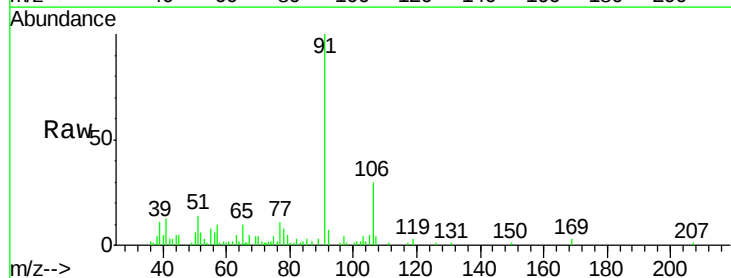
Acq: 08 Aug 2019 12:57

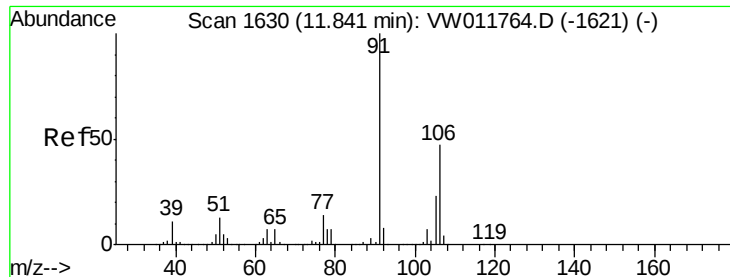
Tgt Ion: 91 Resp: 13252

Ion Ratio Lower Upper

91 100

106 29.6 20.6 38.4





#54

m,p-Xylene

Concen: 6.472 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW011770.D

Acq: 08 Aug 2019 12:57

Instrument :

MSVOA_W

ClientSampled :

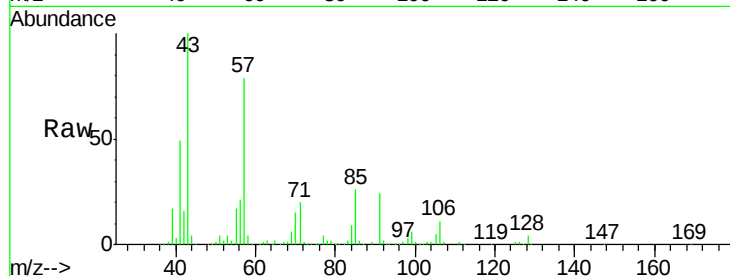
ETOB4

Tot Ion:106 Resp: 17558

Ion Ratio Lower Upper

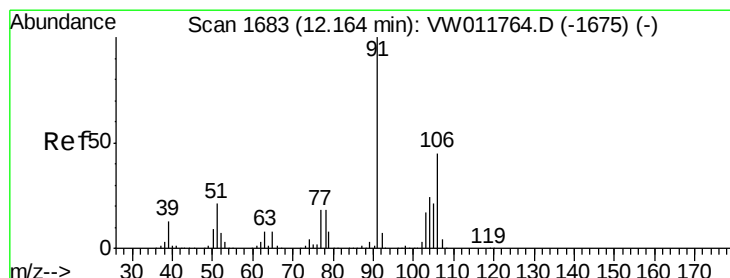
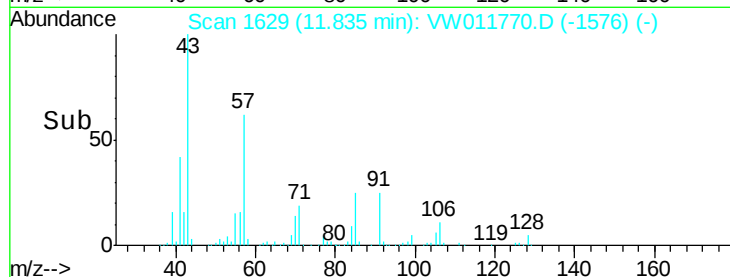
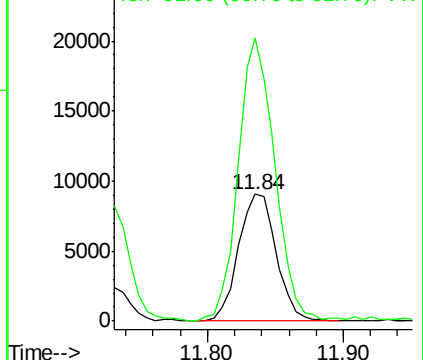
106 100

91 222.9 149.6 277.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 2.234 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW011770.D

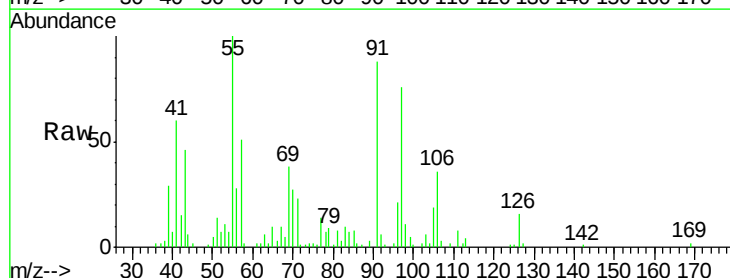
Acq: 08 Aug 2019 12:57

Tgt Ion:106 Resp: 5705

Ion Ratio Lower Upper

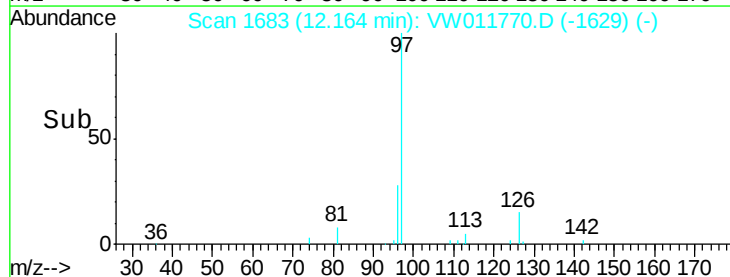
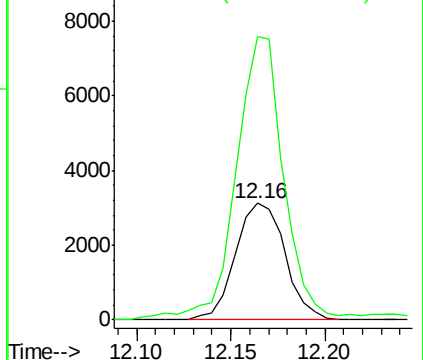
106 100

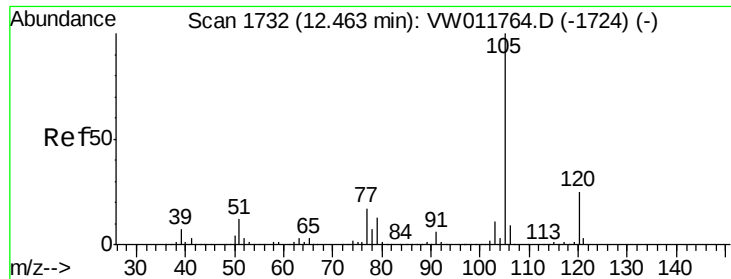
91 242.7 158.3 293.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 0.476 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011770.D

Acq: 08 Aug 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

ETOB4

Tot Ion:105 Resp: 3344

Ion Ratio Lower Upper

105 100

120 25.6 20.6 30.8

77 40.0 13.4 20.2

