

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009514.D
 Acq On : 27 Mar 2019 22:16
 Operator : SY/VA
 Sample : K2068-06
 Misc : 4.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M8RE

Quant Time: Mar 28 07:46:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	238071	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	175429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49650	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68000	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.60%
7) Chloroethane-d5	2.89	69	76717	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
10) 1,1-Dichloroethene-d2	4.01	63	107344	17.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.84%
20) 2-Butanone-d5	7.08	46	15988	13.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.18%
24) Chloroform-d	7.64	84	174120	26.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	8.44	65	102	0.03	ug/L	0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	289034	29.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.48%
33) 1,2-Dichloropropane-d6	9.27	67	96835	33.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.28%#
37) Toluene-d8	10.32	98	204435	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.40%
38) trans-1,3-Dichloropropene-	10.57	79	14573	9.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	39.96%
39) 2-Hexanone-d5	10.93	63	10184	14.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78372	27.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	42584	22.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.48%

Target Compounds

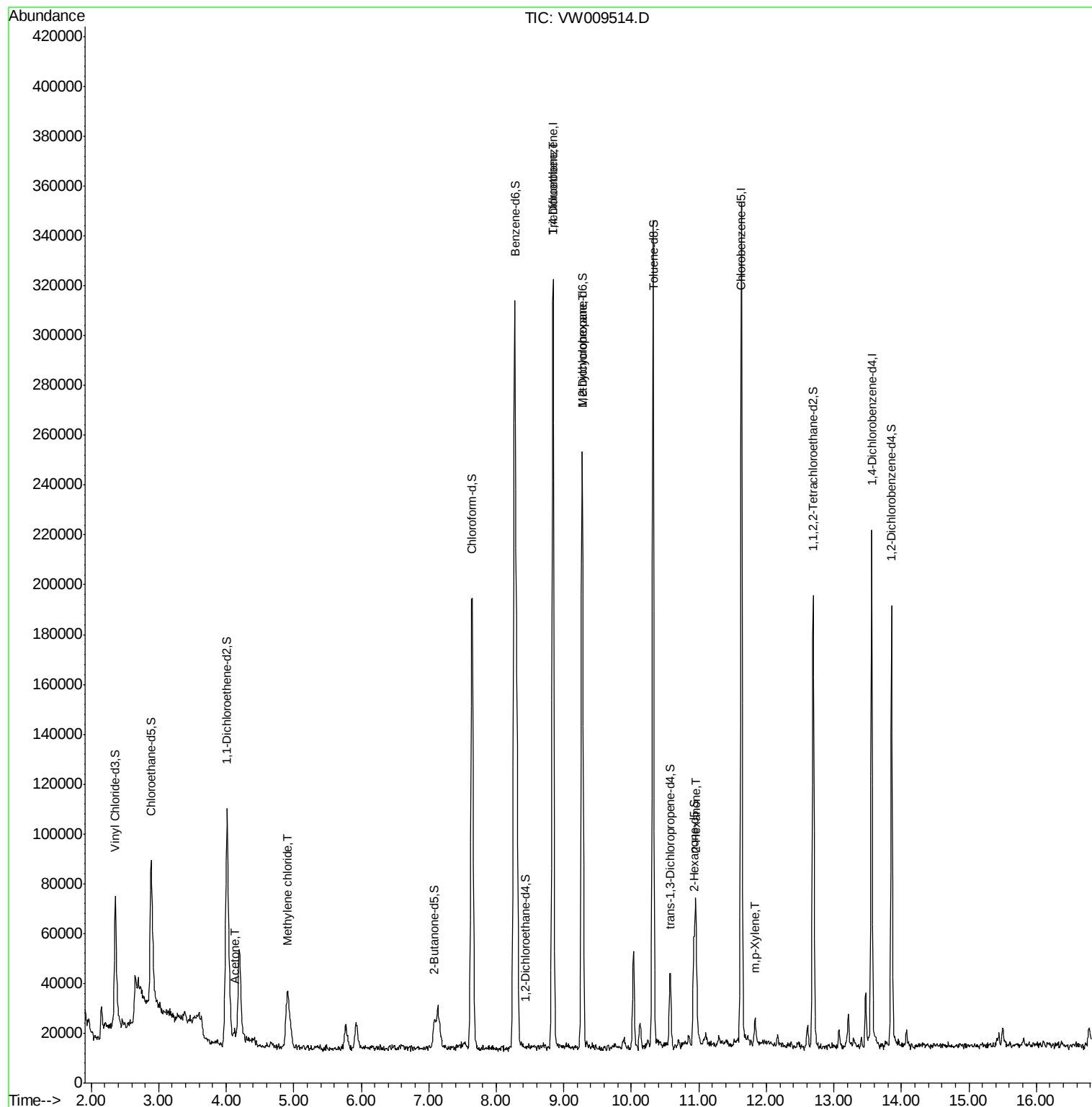
					Ovalue
13) Acetone	4.12	43	8781	9.101 ug/L	97
16) Methylene chloride	4.90	84	10939	3.151 ug/L	89
35) Trichloroethene	8.84	95	7975	3.117 ug/L #	4
36) Methylcyclohexane	9.27	83	24993	5.646 ug/L #	18
49) 2-Hexanone	10.96	43	39098	24.863 ug/L #	55
54) m,p-Xylene	11.83	106	1904	0.425 ug/L	64

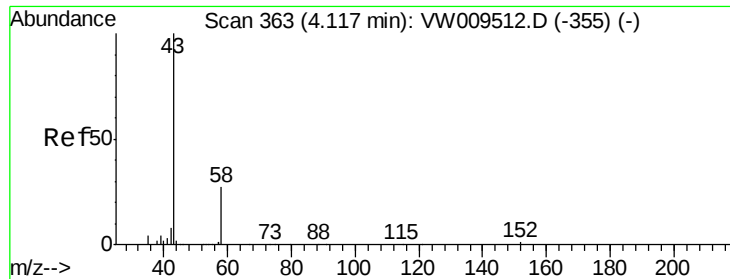
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.101 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009514.D

Acq: 27 Mar 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

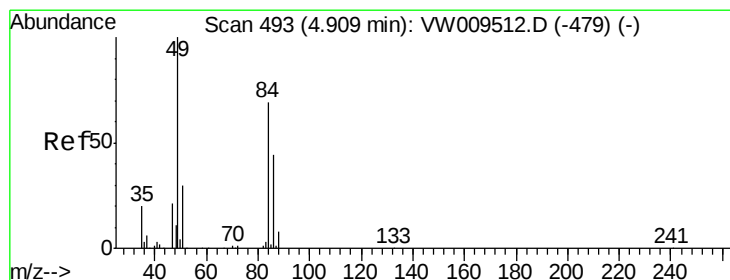
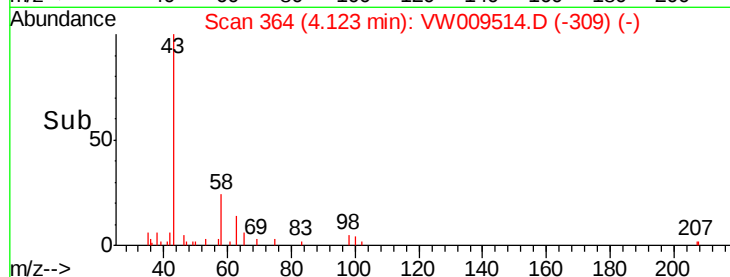
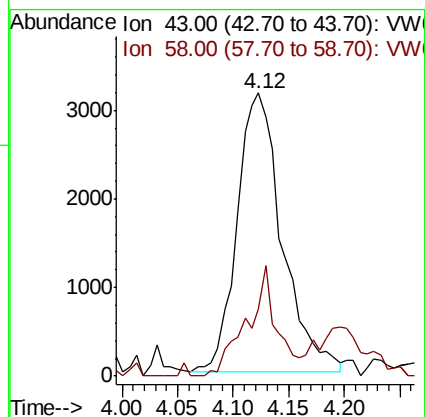
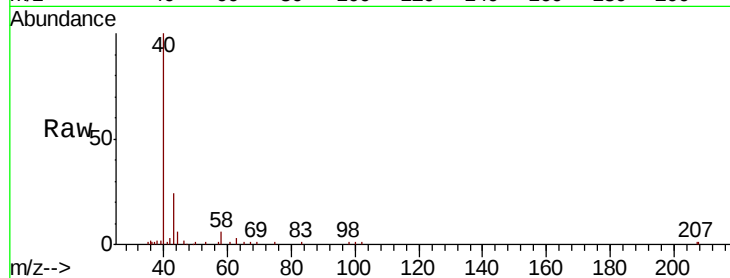
BF5M8RE

Tot Ion: 43 Resp: 8781

Ion Ratio Lower Upper

43 100

58 26.4 0.0 56.2



#16

Methylene chloride

Concen: 3.151 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009514.D

Acq: 27 Mar 2019 22:16

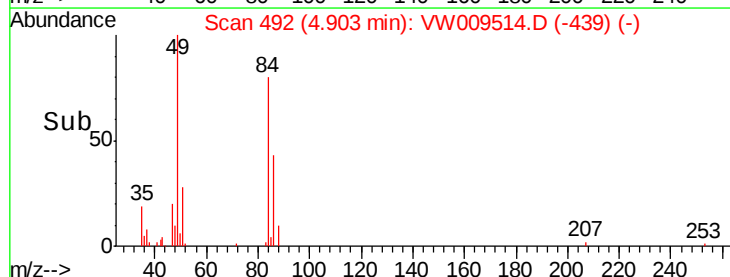
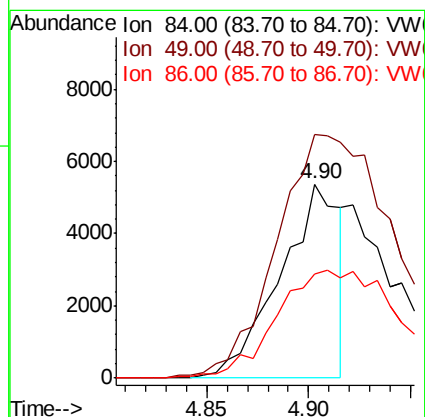
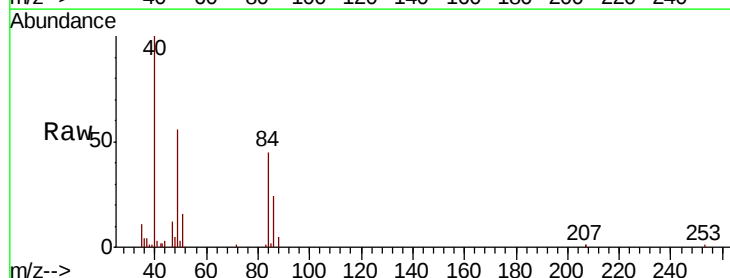
Tgt Ion: 84 Resp: 10939

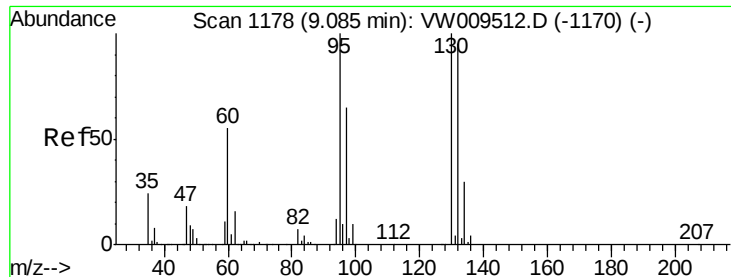
Ion Ratio Lower Upper

84 100

49 125.4 96.0 178.2

86 53.9 44.4 82.5





#35

Trichloroethene

Concen: 3.117 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009514.D

Acq: 27 Mar 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

BF5M8RE

Tot Ion: 95 Resp: 7975

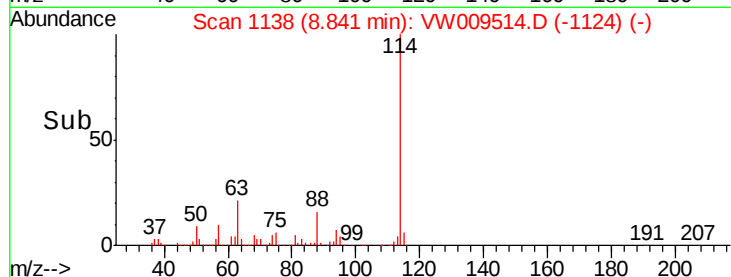
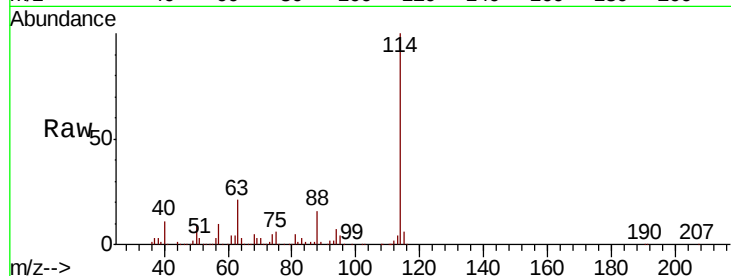
Ion Ratio Lower Upper

95 100

97 0.7 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#

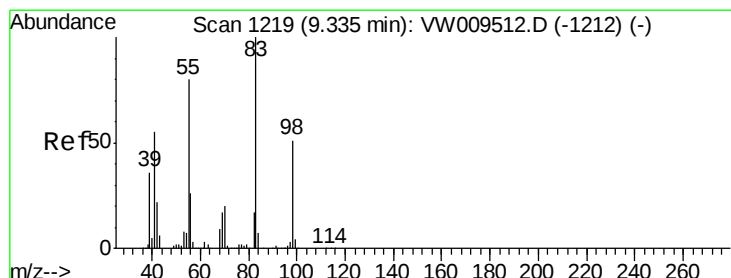
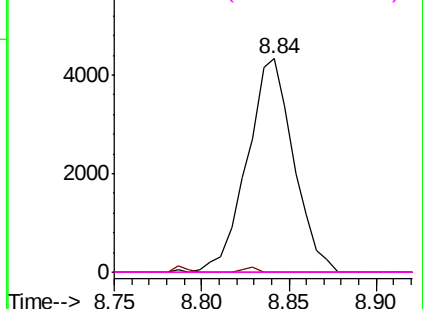


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 5.646 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW009514.D

Acq: 27 Mar 2019 22:16

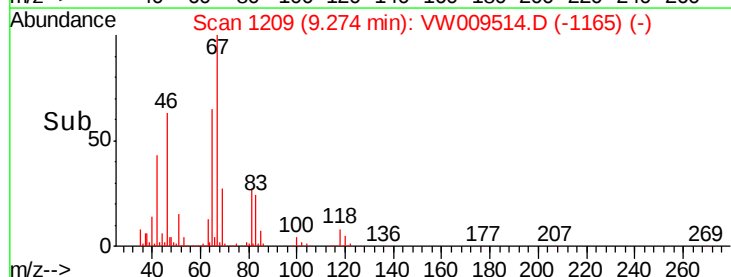
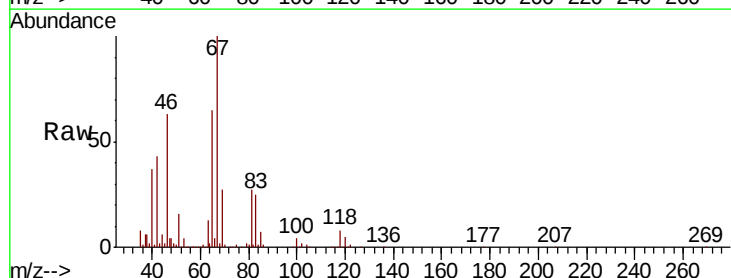
Tgt Ion: 83 Resp: 24993

Ion Ratio Lower Upper

83 100

55 1.2 63.5 95.3#

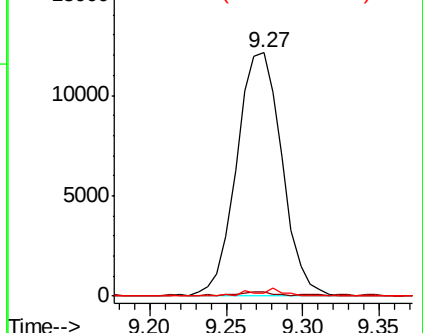
98 1.3 39.8 59.8#

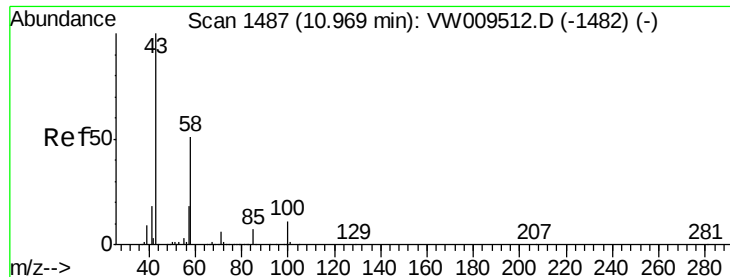


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#49

2-Hexanone

Concen: 24.863 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009514.D

Acq: 27 Mar 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

BF5M8RE

Tot Ion: 43 Resp: 39098

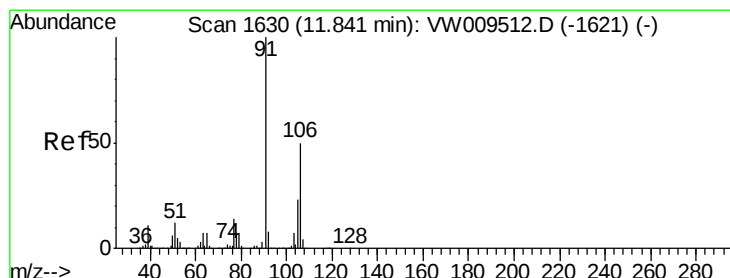
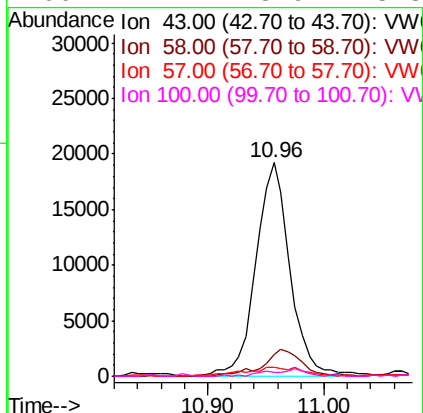
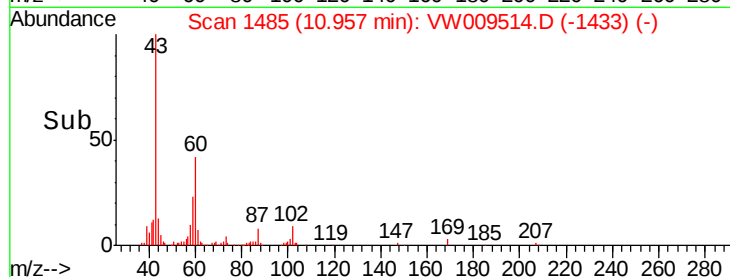
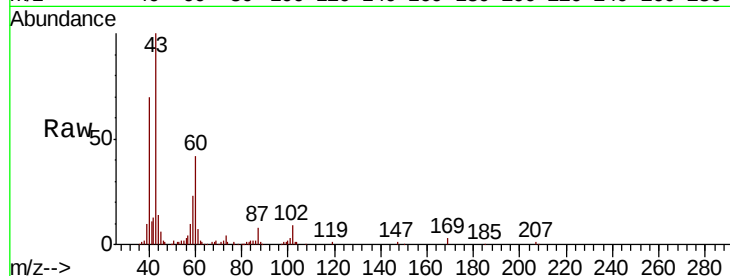
Ion Ratio Lower Upper

43 100

58 12.0 39.2 58.8#

57 3.7 14.2 21.2#

100 1.2 8.9 13.3#



#54

m,p-Xylene

Concen: 0.425 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW009514.D

Acq: 27 Mar 2019 22:16

Tgt Ion: 106 Resp: 1904

Ion Ratio Lower Upper

106 100

91 143.5 138.4 257.0

