

Data File : VW014136.D
Acq On : 26 Nov 2019 15:49
Operator : SY/VA
Sample : K6063-01
Misc : 5.27G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM7

Quant Time: Nov 27 07:08:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	188561	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	96602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	13714	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	49312	16.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.56%
7) Chloroethane-d5	2.89	69	52840	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	4.01	63	72708	11.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.12%
20) 2-Butanone-d5	7.07	46	47490	54.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.68%
24) Chloroform-d	7.64	84	133317	22.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	8.30	65	64349	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.32%
29) Benzene-d6	8.27	84	242214	35.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.36%#
33) 1,2-Dichloropropane-d6	9.27	67	80258	39.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	159.88%#
37) Toluene-d8	10.32	98	135088	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.12%
38) trans-1,3-Dichloropropene-	10.57	79	13326	15.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.00%
39) 2-Hexanone-d5	10.93	63	21990	57.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51740	34.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	12799	23.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.92%

Target Compounds

					Qvalue
34) Benzene	8.32	78	2540	0.358 ug/L	100
35) Trichloroethene	8.84	95	5541	2.932 ug/L #	2
36) Methylcyclohexane	9.33	83	5614	1.657 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	1065	0.396 ug/L	90
44) Toluene	10.38	91	6108	0.791 ug/L	80
49) 2-Hexanone	10.93	43	2995	3.689 ug/L #	61
54) m,p-Xylene	11.83	106	1475	0.448 ug/L	83

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
C0BM7

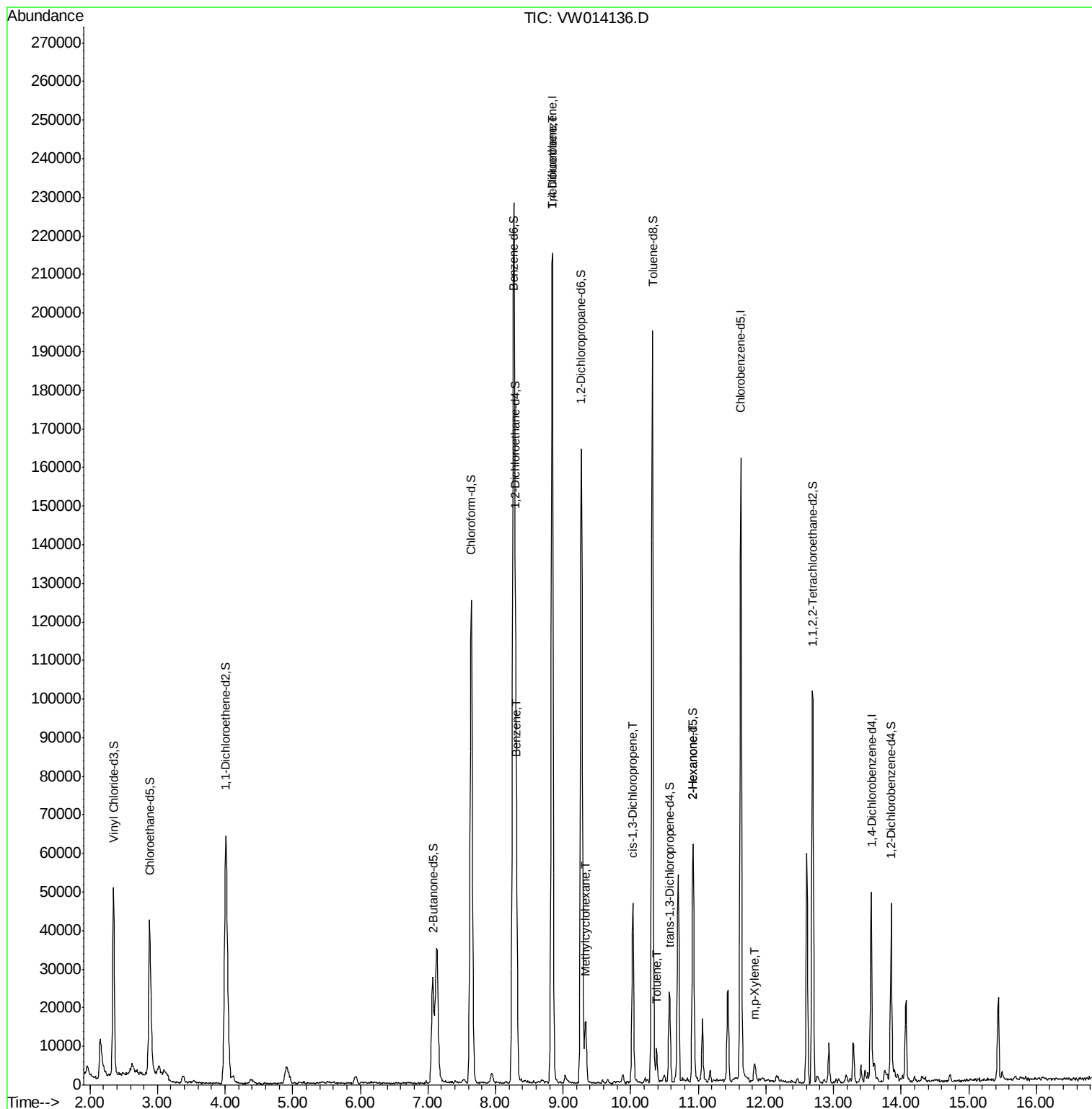
Quant Time: Nov 27 07:08:38 2019

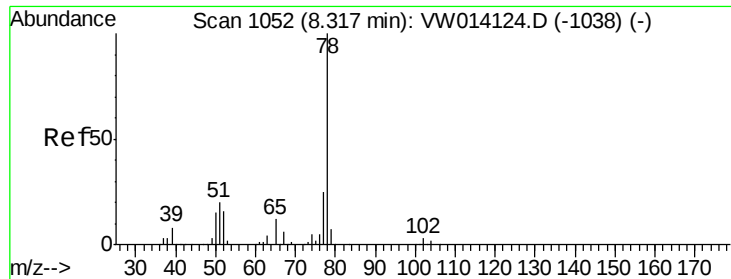
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Quant Title : VOC Analysis

QLast Update : Wed Nov 27 06:15:20 2019

Response via : Initial Calibration

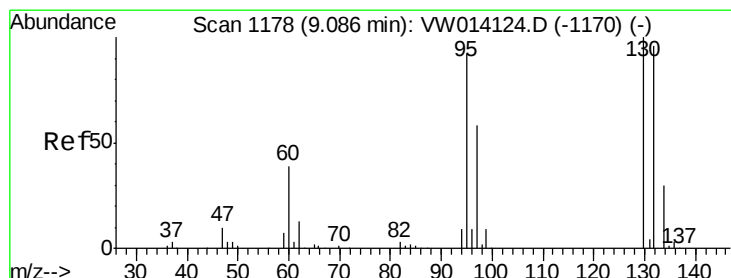
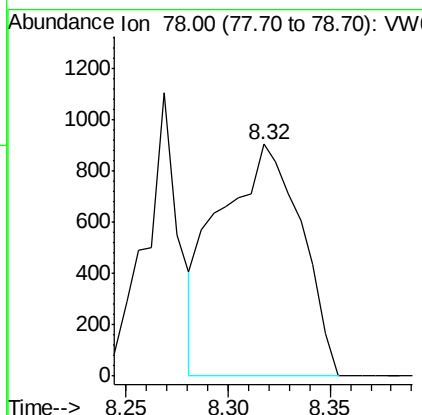
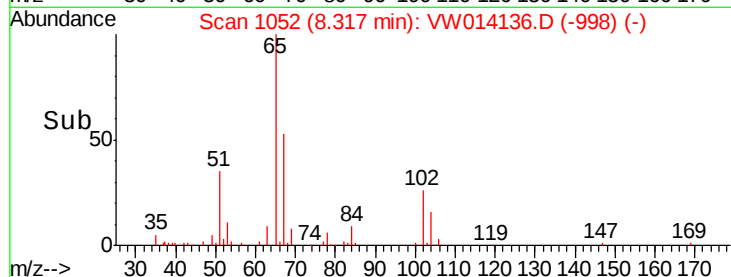
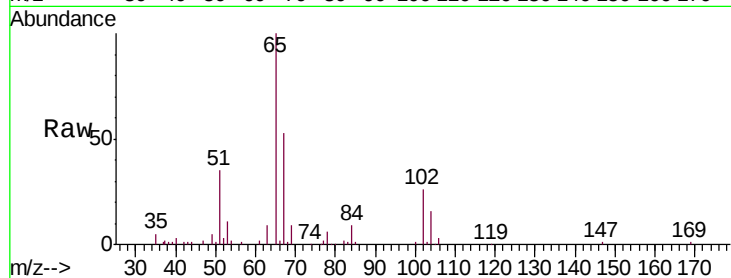




#34
Benzene
Concen: 0.358 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014136.D
Acq: 26 Nov 2019 15:49

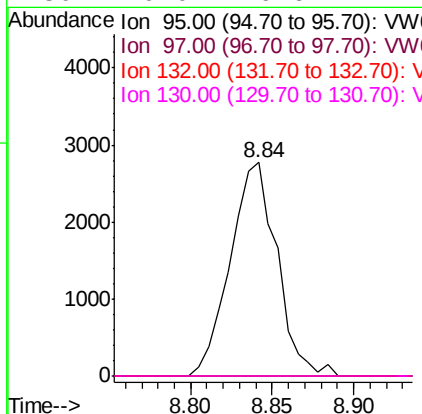
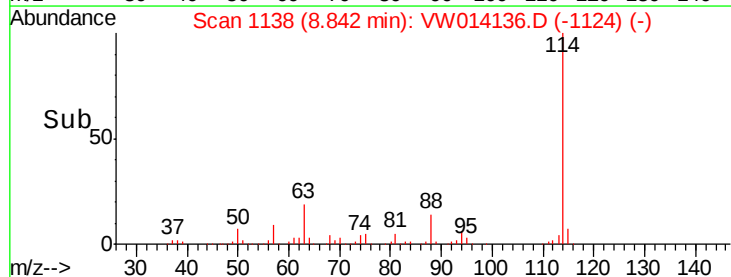
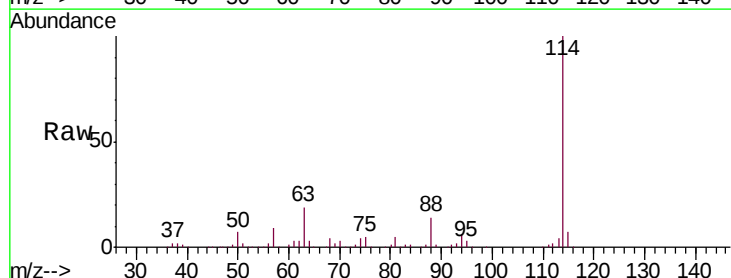
Instrument :
MSVOA_W
ClientSampleId :
C0BM7

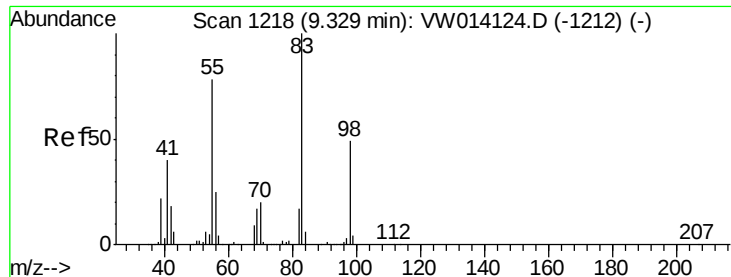
Tgt Ion: 78 Resp: 2540



#35
Trichloroethene
Concen: 2.932 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW014136.D
Acq: 26 Nov 2019 15:49

Tgt Ion: 95 Resp: 5541
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.9#
132 0.0 73.7 136.9#
130 0.0 76.6 142.2#

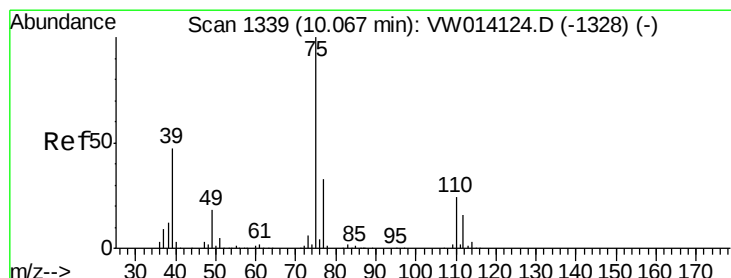
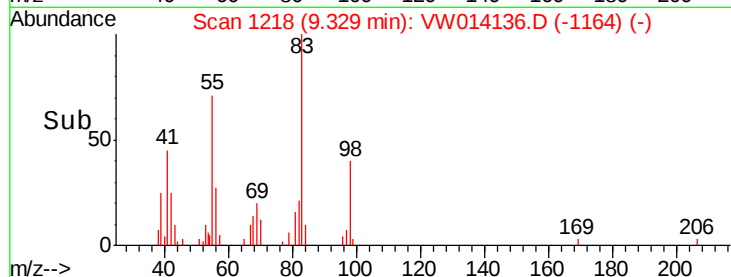
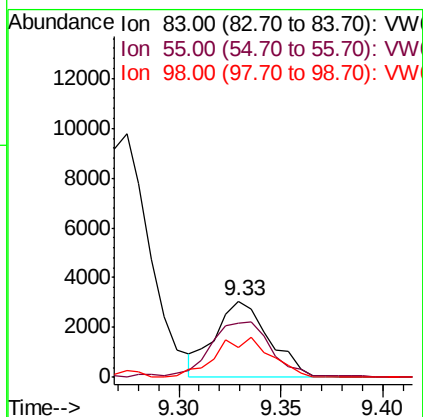
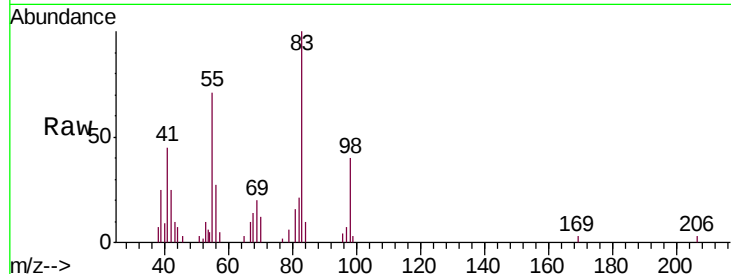




#36
Methylcyclohexane
Concen: 1.657 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014136.D
Acq: 26 Nov 2019 15:49

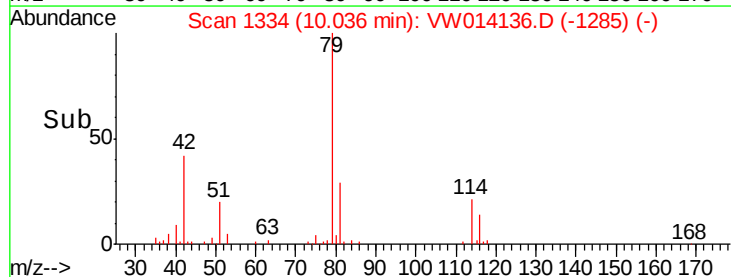
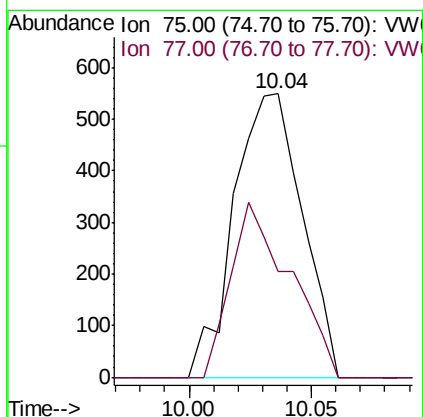
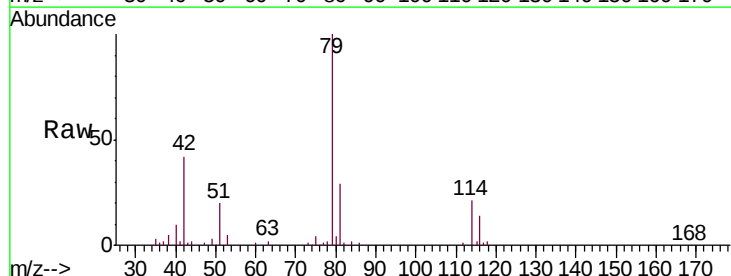
Instrument :
MSVOA_W
ClientSampled :
C0BM7

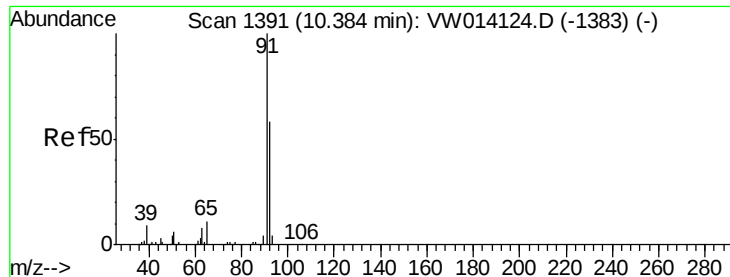
Tgt Ion: 83 Resp: 5614
Ion Ratio Lower Upper
83 100
55 81.8 59.8 89.8
98 54.3 39.5 59.3



#42
cis-1,3-Dichloropropene
Concen: 0.396 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VW014136.D
Acq: 26 Nov 2019 15:49

Tgt Ion: 75 Resp: 1065
Ion Ratio Lower Upper
75 100
77 37.3 22.1 41.1





#44

Toluene

Concen: 0.791 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014136.D

Acq: 26 Nov 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

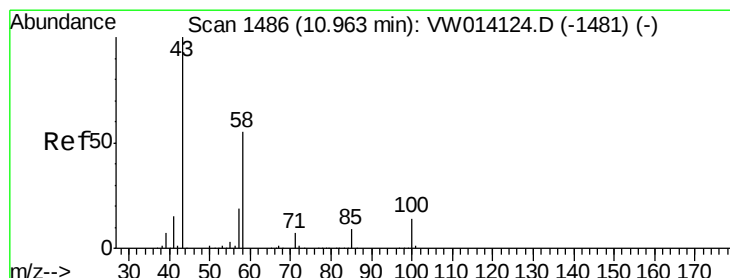
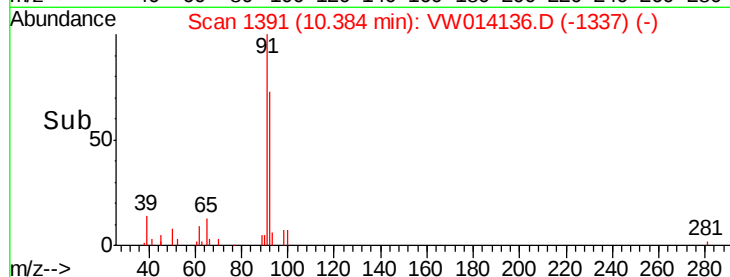
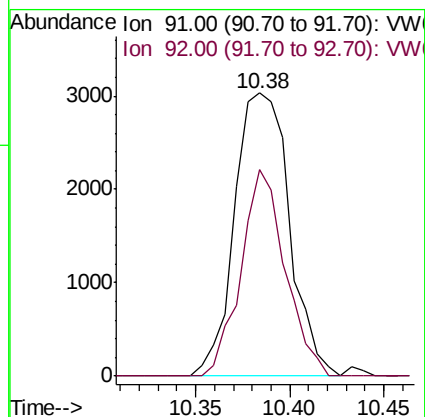
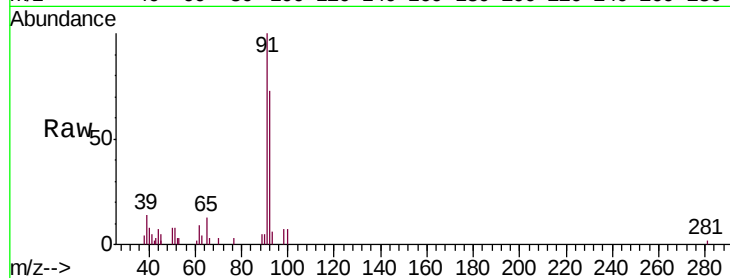
C0BM7

Tgt Ion: 91 Resp: 6108

Ion Ratio Lower Upper

91 100

92 73.0 40.7 75.7



#49

2-Hexanone

Concen: 3.689 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014136.D

Acq: 26 Nov 2019 15:49

Tgt Ion: 43 Resp: 2995

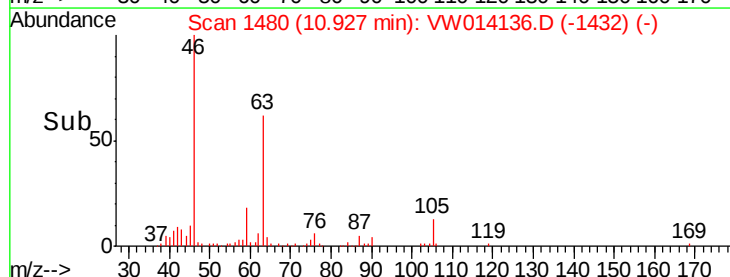
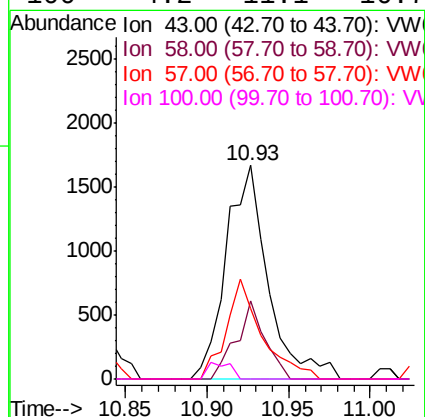
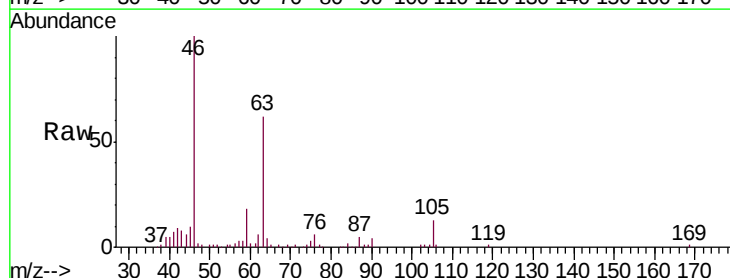
Ion Ratio Lower Upper

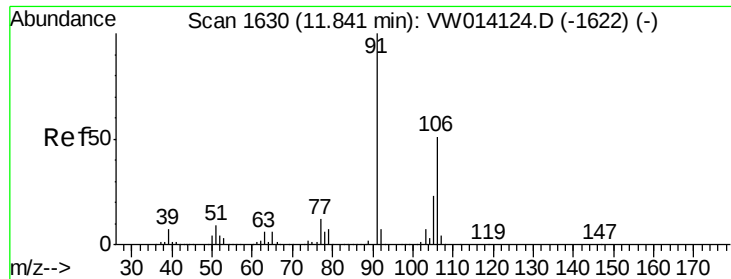
43 100

58 25.1 44.4 66.6#

57 39.7 16.5 24.7#

100 4.2 11.1 16.7#





#54
 m,p-Xylene
 Concen: 0.448 ug/L
 RT: 11.83 min Scan# 1628
 Delta R.T. -0.01 min
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Instrument :
 MSVOA_W
 ClientSampleId :
 C0BM7

Tgt Ion:106 Resp: 1475
 Ion Ratio Lower Upper
 106 100
 91 172.7 138.7 257.5

