

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015369.D
 Acq On : 28 Apr 2020 19:14
 Operator : SY/VA
 Sample : VIBLK
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 02:07:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 02:04:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	364778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331103	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	167998	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	61961	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
7) Chloroethane-d5	2.89	69	65655	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.96%
10) 1,1-Dichloroethene-d2	4.01	63	108529	16.17	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.68%
20) 2-Butanone-d5	7.07	46	40587	49.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.44%
24) Chloroform-d	7.65	84	177267	22.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	8.31	65	95861	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.88%
29) Benzene-d6	8.27	84	357933	23.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.88%
33) 1,2-Dichloropropane-d6	9.27	67	99540	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.28%
37) Toluene-d8	10.32	98	360762	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.72%
38) trans-1,3-Dichloropropene-	10.57	79	48230	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.32%
39) 2-Hexanone-d5	10.92	63	37053	47.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81726	22.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	138363	23.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.80%

Target Compounds

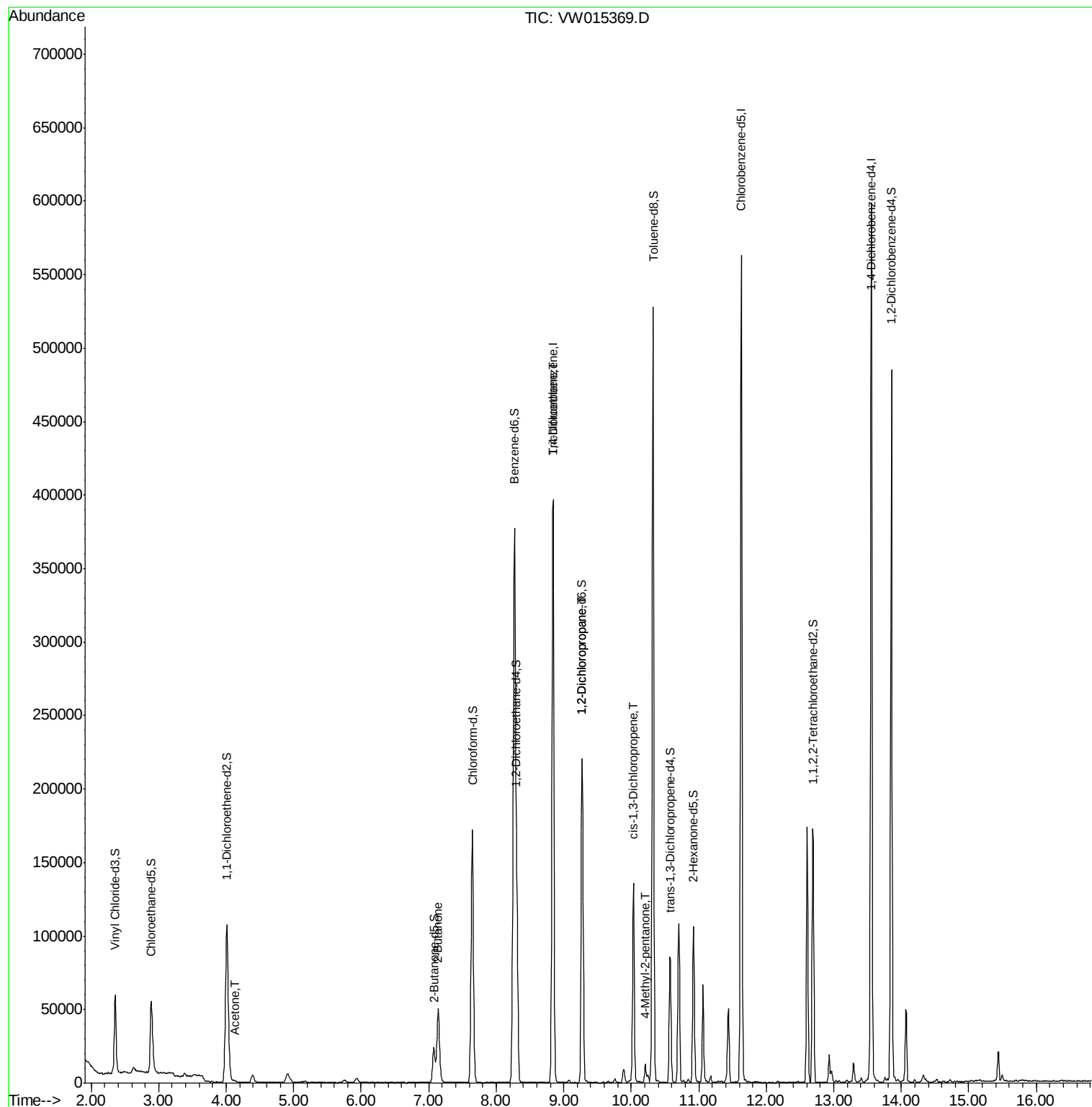
					Ovalue
13) Acetone	4.12	43	2230	3.244 ug/L	85
21) 2-Butanone	7.14	43	2860	2.750 ug/L #	61
35) Trichloroethene	8.84	95	10927	2.238 ug/L #	1
40) 1,2-Dichloropropane	9.27	63	12393	3.218 ug/L #	83
42) cis-1,3-Dichloropropene	10.03	75	3709	0.550 ug/L #	67
43) 4-Methyl-2-pentanone	10.21	43	7818	3.010 ug/L	98

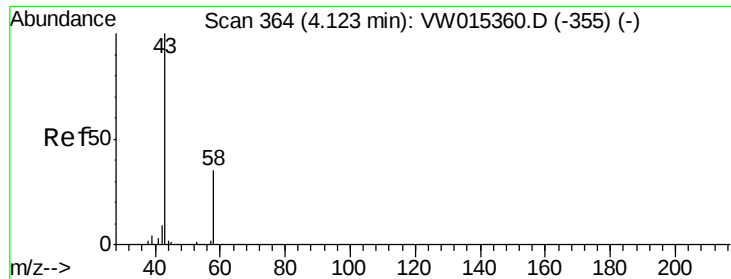
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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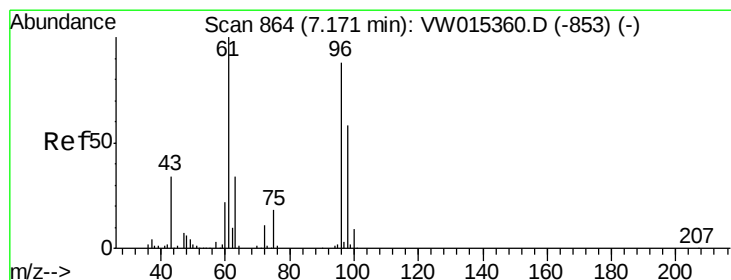
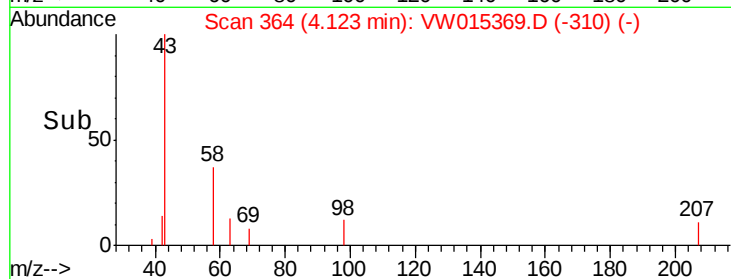
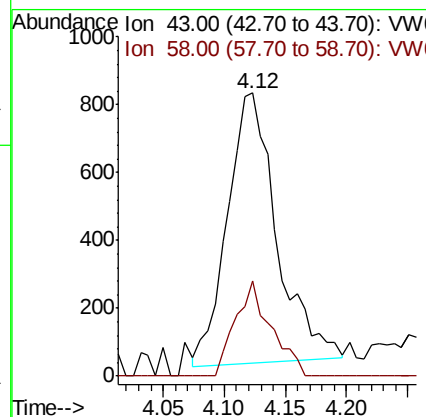
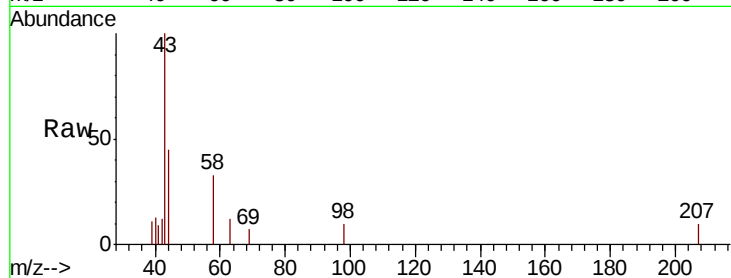




#13
Acetone
Concen: 3.244 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW015369.D
Acq: 28 Apr 2020 19:14

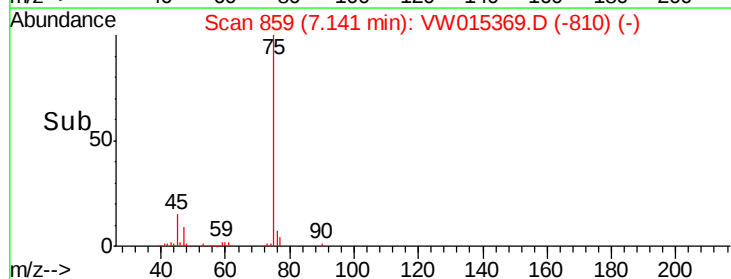
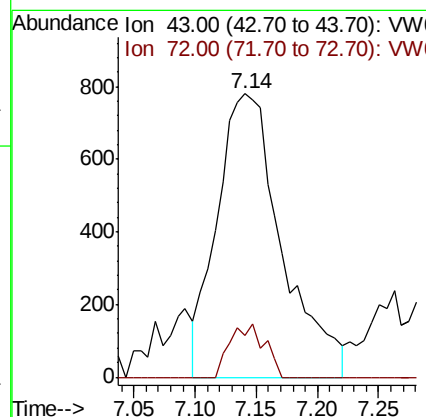
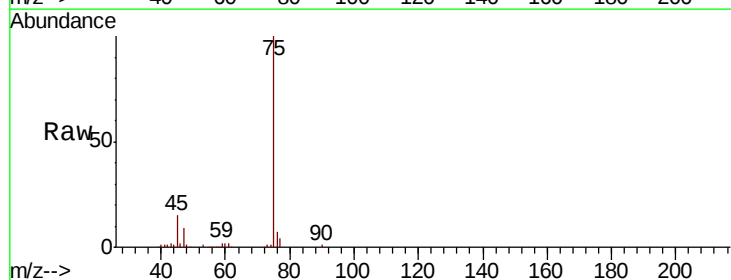
Instrument :
MSVOA_W
ClientSampleId :

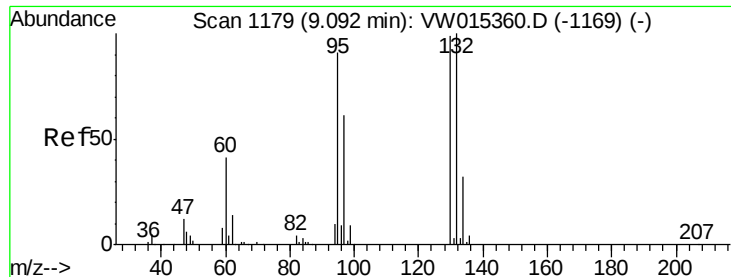
Tot Ion: 43 Resp: 2230
Ion Ratio Lower Upper
43 100
58 25.5 0.0 68.0



#21
2-Butanone
Concen: 2.750 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW015369.D
Acq: 28 Apr 2020 19:14

Tgt Ion: 43 Resp: 2860
Ion Ratio Lower Upper
43 100
72 10.1 16.0 47.9#





#35

Trichloroethene

Concen: 2.238 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015369.D

Acq: 28 Apr 2020 19:14

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10927

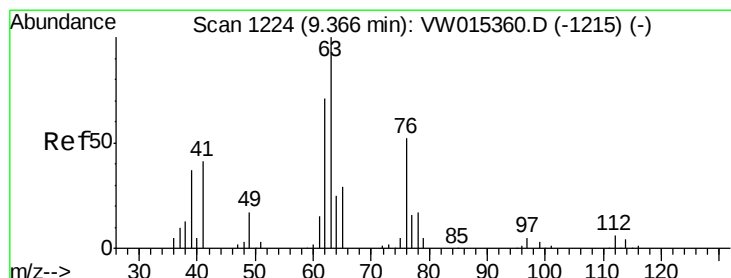
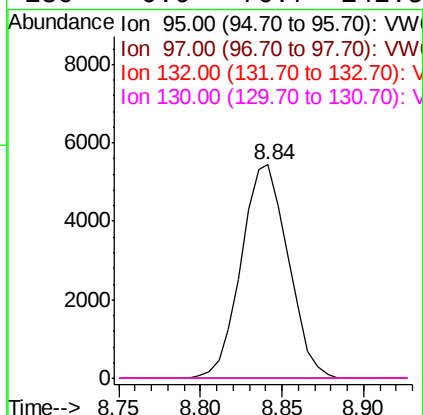
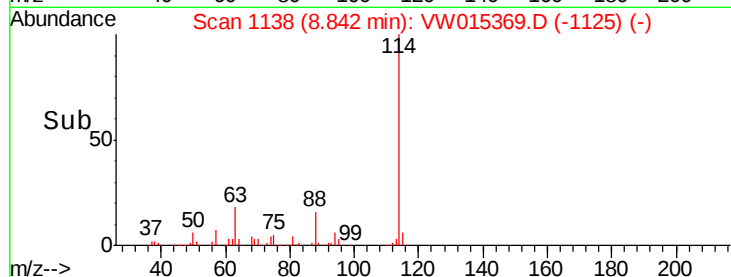
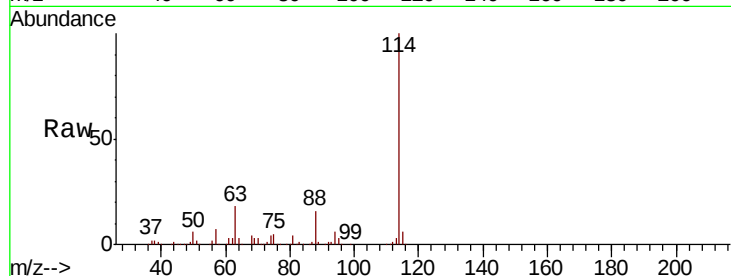
Ion Ratio Lower Upper

95 100

97 0.0 45.9 85.3#

132 0.0 75.2 139.6#

130 0.0 76.7 142.5#



#40

1,2-Dichloropropane

Concen: 3.218 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW015369.D

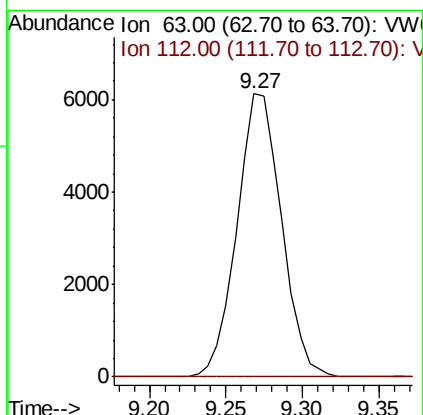
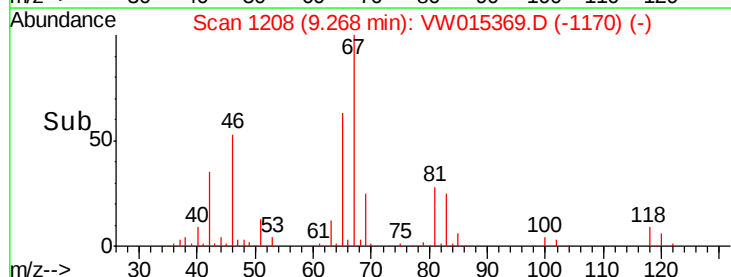
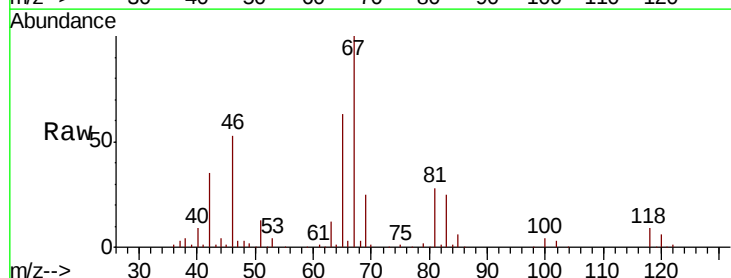
Acq: 28 Apr 2020 19:14

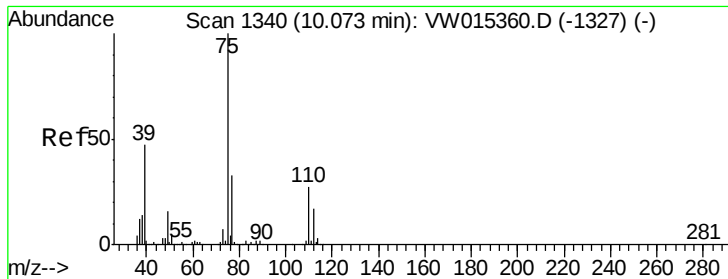
Tgt Ion: 63 Resp: 12393

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#42

cis-1,3-Dichloropropene

Concen: 0.550 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW015369.D

Acq: 28 Apr 2020 19:14

Instrument :

MSVOA_W

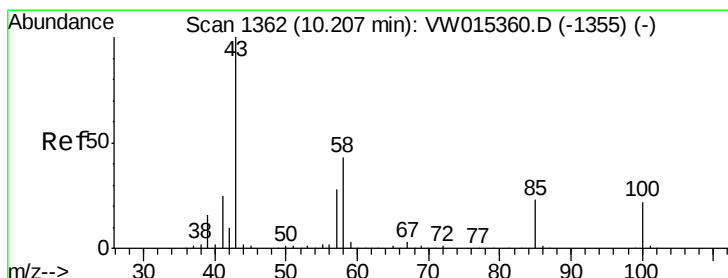
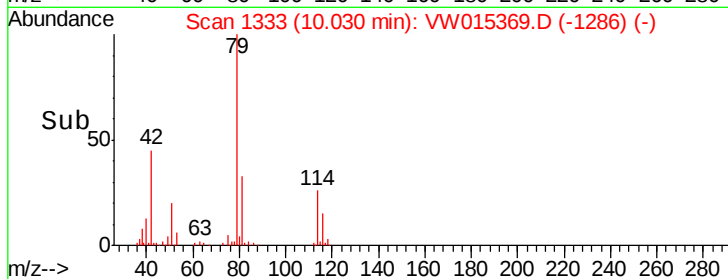
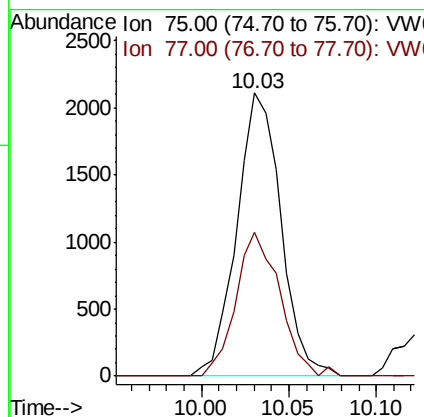
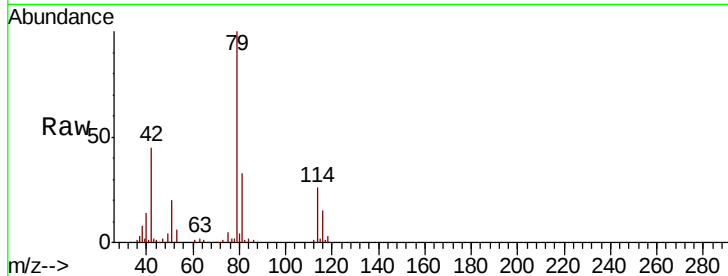
ClientSampleId :

Tot Ion: 75 Resp: 3709

Ion Ratio Lower Upper

75 100

77 50.9 22.7 42.3#



#43

4-Methyl-2-pentanone

Concen: 3.010 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015369.D

Acq: 28 Apr 2020 19:14

Tgt Ion: 43 Resp: 7818

Ion Ratio Lower Upper

43 100

58 41.4 34.2 51.4

100 20.3 17.2 25.8

