

Data File : VW014345.D
Acq On : 13 Dec 2019 13:18
Operator : SY/VA
Sample : K6254-10RE
Misc : 5.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C31RE

Quant Time: Dec 14 04:31:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	289029	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	233557	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	50981	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	95313	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.12%
7) Chloroethane-d5	2.88	69	81883	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.64%
10) 1,1-Dichloroethene-d2	4.01	63	134086	17.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.36%
20) 2-Butanone-d5	7.07	46	61443	53.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.74%
24) Chloroform-d	7.65	84	206779	28.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	8.30	65	113156	29.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.32%
29) Benzene-d6	8.27	84	404104	29.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.08%
33) 1,2-Dichloropropane-d6	9.27	67	138347	32.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.40%#
37) Toluene-d8	10.32	98	296957	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	10.57	79	37033	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	10.92	63	39730	47.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106780	31.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	65579	33.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	134.64%#

Target Compounds

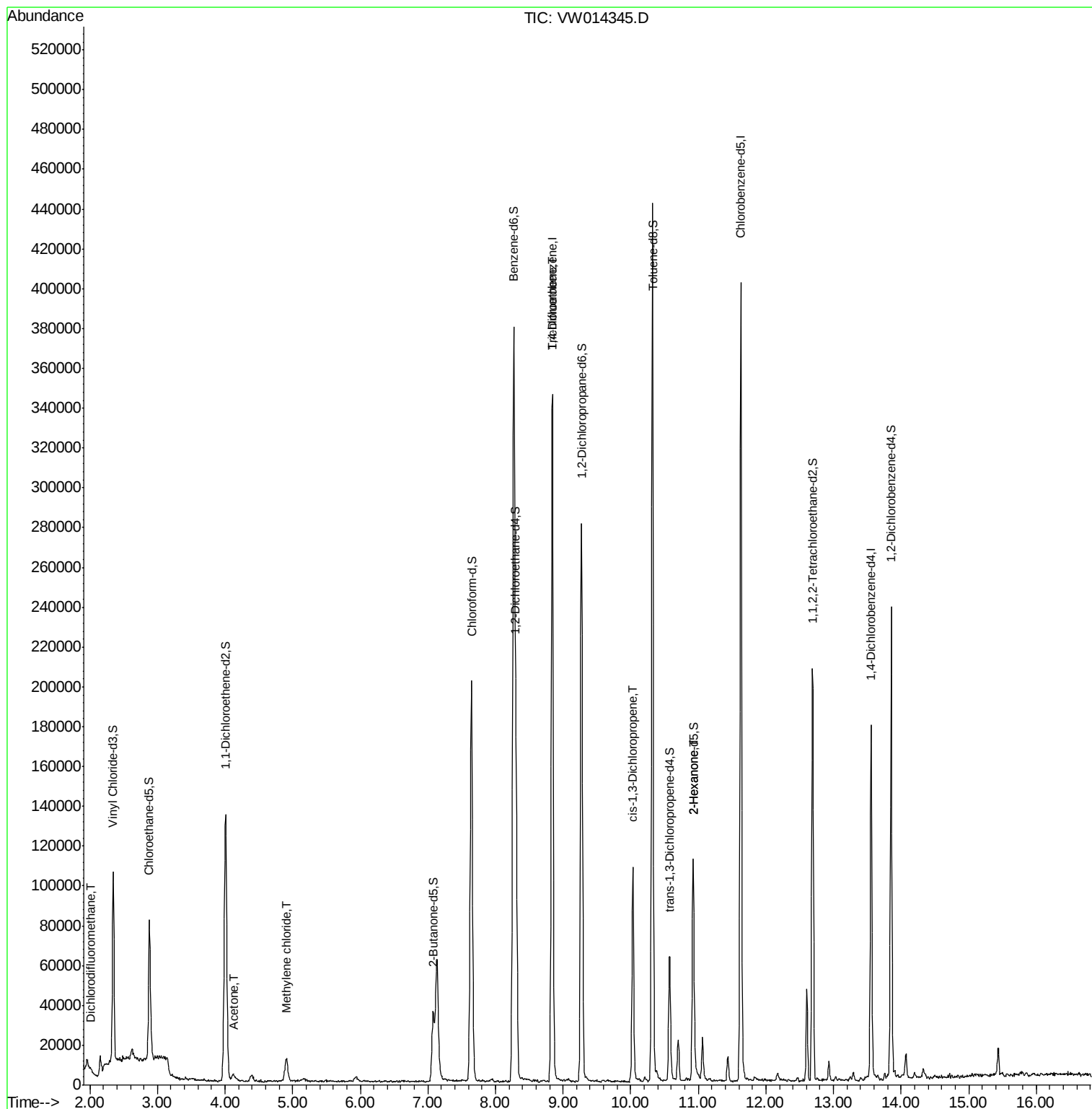
					Qvalue
2) Dichlorodifluoromethane	2.01	85	949	0.345 ug/L #	63
13) Acetone	4.14	43	7107	6.463 ug/L	64
16) Methylene chloride	4.92	84	8625	1.947 ug/L	82
35) Trichloroethene	8.84	95	8199	2.167 ug/L #	2
42) cis-1,3-Dichloropropene	10.03	75	2771	0.487 ug/L #	78
49) 2-Hexanone	10.93	43	5715	3.204 ug/L #	63

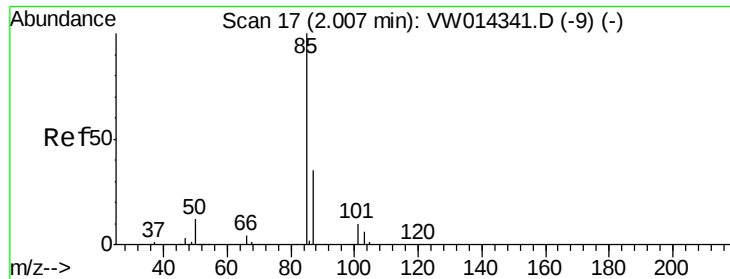
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.345 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

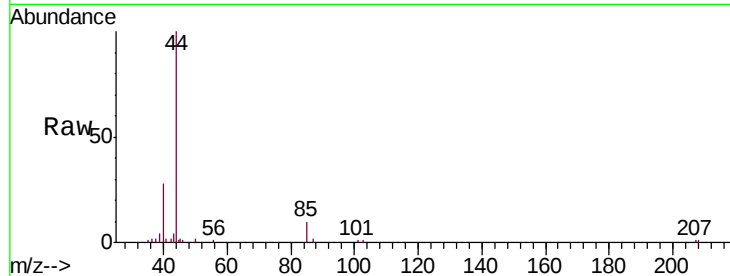
C0C31RE

Tgt Ion: 85 Resp: 949

Ion Ratio Lower Upper

85 100

87 11.3 22.1 41.1#



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW

2.01

600

500

400

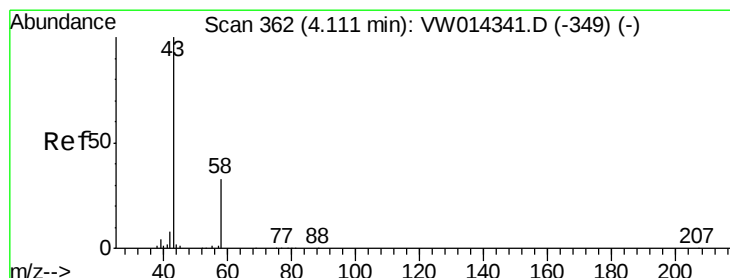
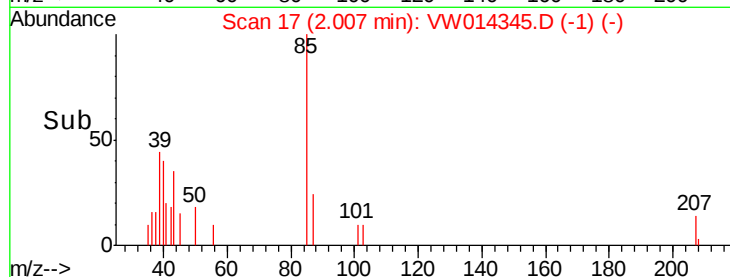
300

200

100

0

Time-->



#13

Acetone

Concen: 6.463 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

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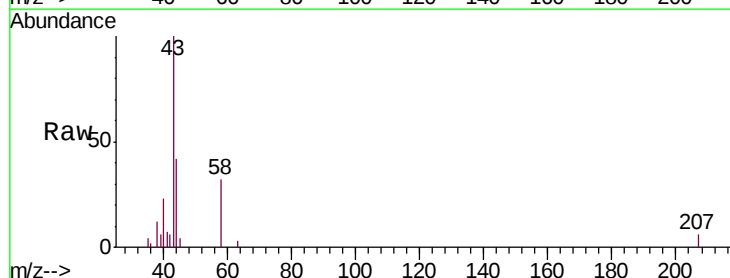
Acq: 13 Dec 2019 13:18

Tgt Ion: 43 Resp: 7107

Ion Ratio Lower Upper

43 100

58 12.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

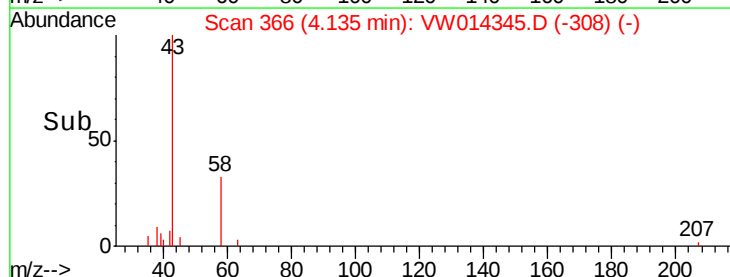
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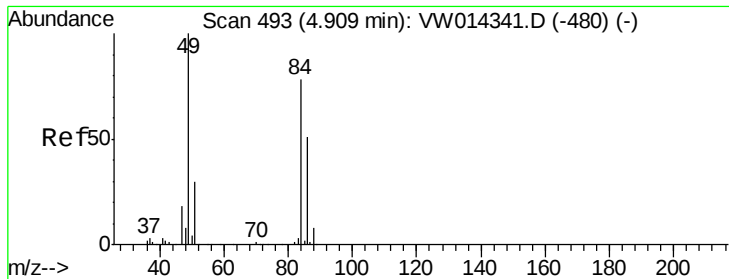
1000

500

0

Time-->

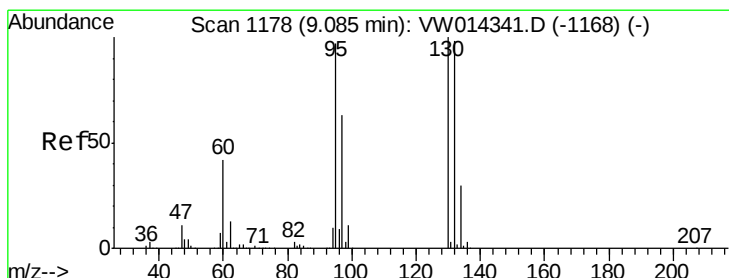
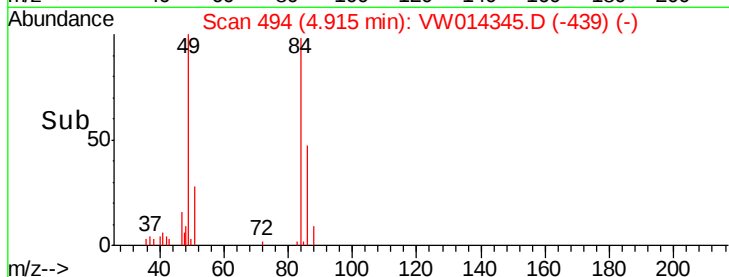
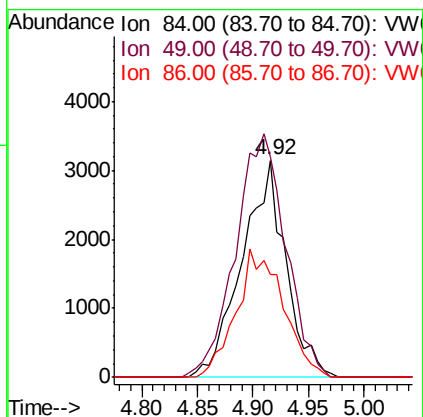
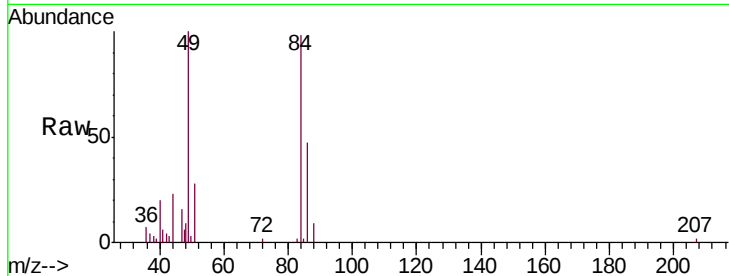




#16
Methylene chloride
Concen: 1.947 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014345.D
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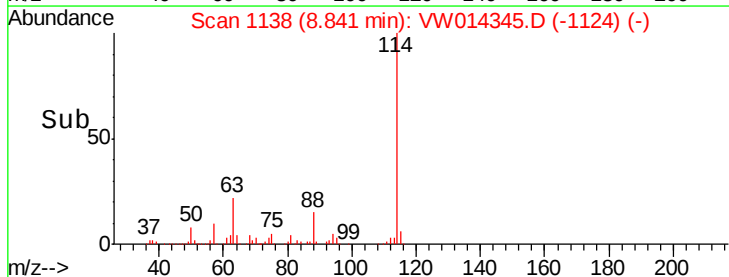
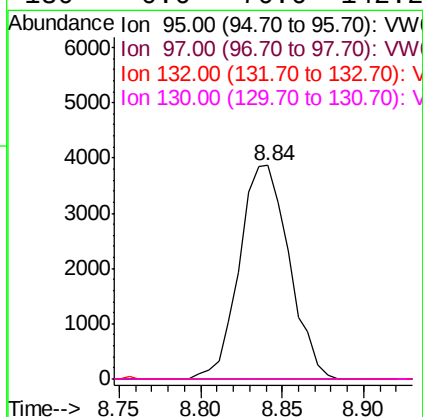
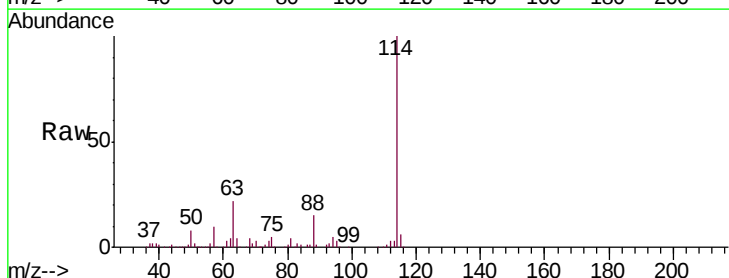
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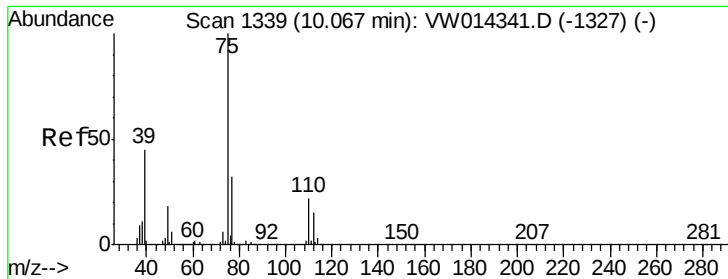
Tgt Ion: 84 Resp: 8625
Ion Ratio Lower Upper
84 100
49 101.7 84.2 156.4
86 47.6 43.7 81.1



#35
Trichloroethene
Concen: 2.167 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
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Tgt Ion: 95 Resp: 8199
Ion Ratio Lower Upper
95 100
97 1.0 45.1 83.9#
132 0.0 73.7 136.9#
130 0.6 76.6 142.2#





#42

cis-1,3-Dichloropropene

Concen: 0.487 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014345.D

Acq: 13 Dec 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

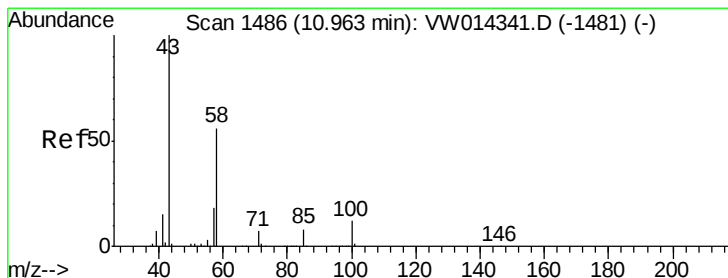
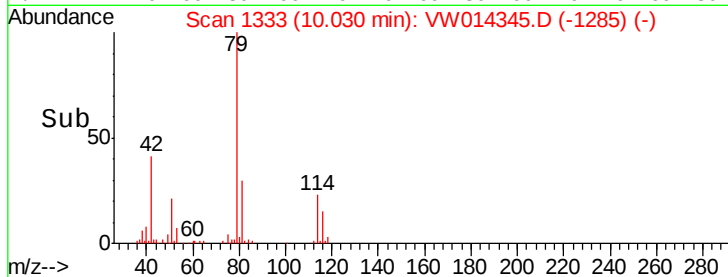
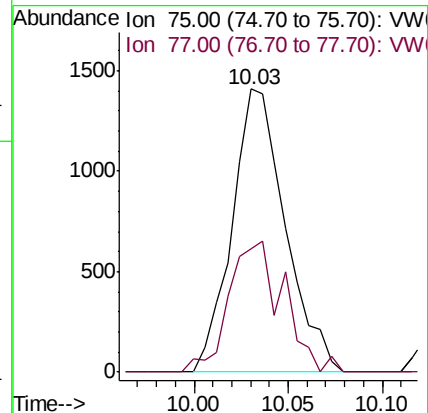
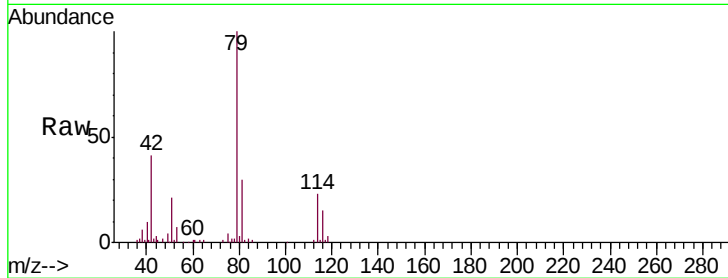
C0C31RE

Tgt Ion: 75 Resp: 2771

Ion Ratio Lower Upper

75 100

77 43.6 22.1 41.1#



#49

2-Hexanone

Concen: 3.204 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014345.D

Acq: 13 Dec 2019 13:18

Tgt Ion: 43 Resp: 5715

Ion Ratio Lower Upper

43 100

58 28.7 44.4 66.6#

57 41.6 16.5 24.7#

100 3.6 11.1 16.7#

