

Data File : VW014378.D
Acq On : 16 Dec 2019 19:19
Operator : SY/VA
Sample : K6277-14
Misc : 4.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C53

Quant Time: Dec 17 07:31:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 17 07:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	770919	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	546491	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	111683	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	270679	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
7) Chloroethane-d5	2.89	69	234252	26.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.96%
10) 1,1-Dichloroethene-d2	4.02	63	363388	17.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.48%
20) 2-Butanone-d5	7.07	46	155506	51.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.24%
24) Chloroform-d	7.64	84	575079	29.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.20%
26) 1,2-Dichloroethane-d4	8.42	65	154	0.01	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1114942	34.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.24%#
33) 1,2-Dichloropropane-d6	9.27	67	379703	38.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.12%#
37) Toluene-d8	10.32	98	838331	28.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.80%
38) trans-1,3-Dichloropropene-	10.58	79	94324	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.28%
39) 2-Hexanone-d5	10.92	63	115923	59.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	274811	34.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.88%#
61) 1,2-Dichlorobenzene-d4	13.85	152	142345	33.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.40%#

Target Compounds

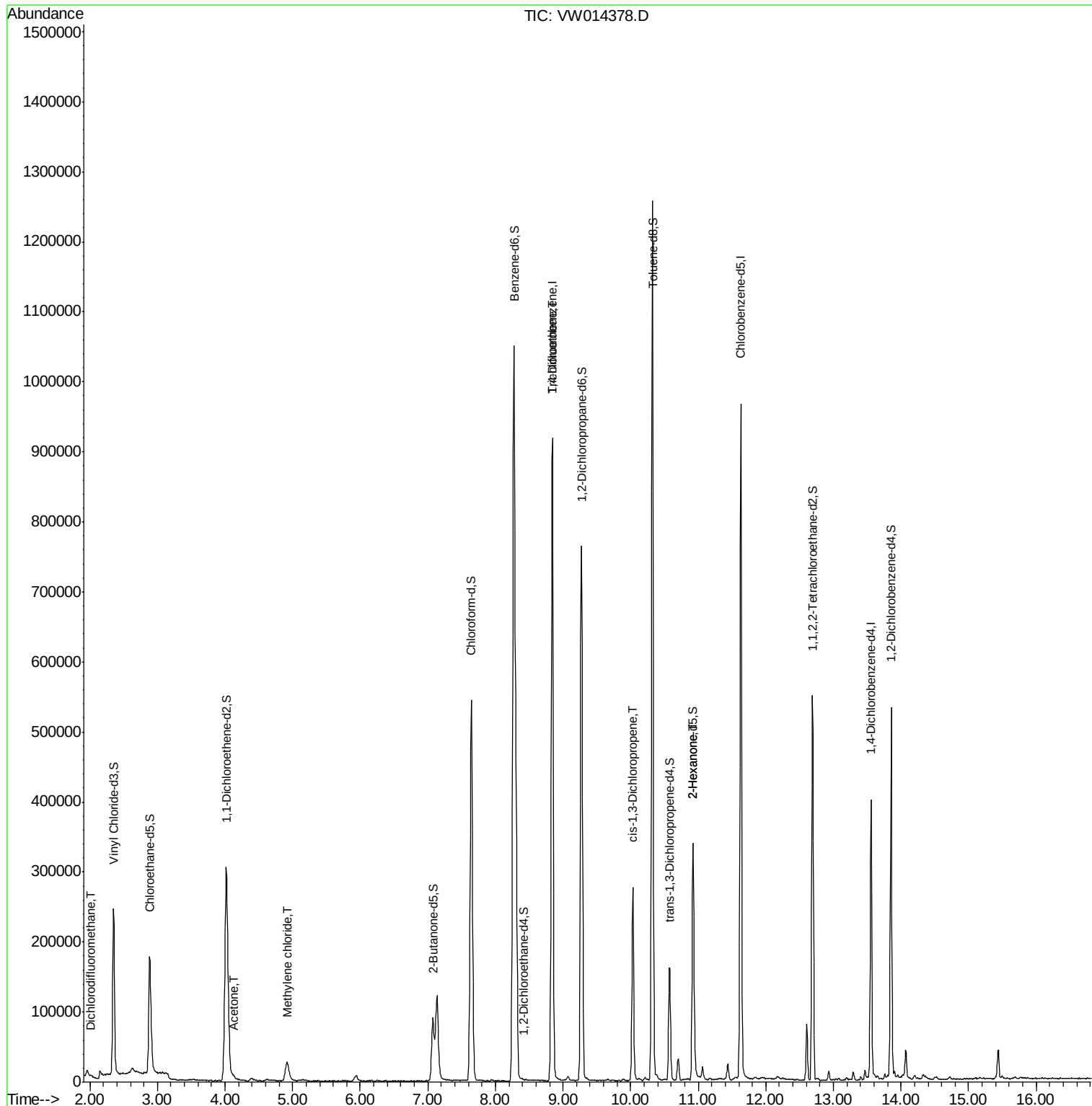
					Qvalue
2) Dichlorodifluoromethane	2.01	85	3268	0.446 ug/L	87
13) Acetone	4.12	43	7469	2.547 ug/L	84
16) Methylene chloride	4.92	84	23751	2.010 ug/L	82
35) Trichloroethene	8.84	95	23390	2.642 ug/L #	2
42) cis-1,3-Dichloropropene	10.03	75	6169	0.463 ug/L #	52
49) 2-Hexanone	10.92	43	20623	4.942 ug/L #	65

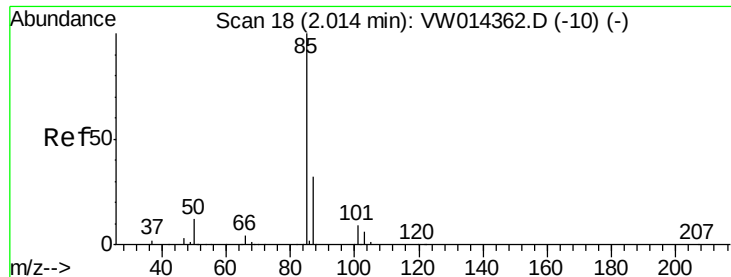
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.446 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

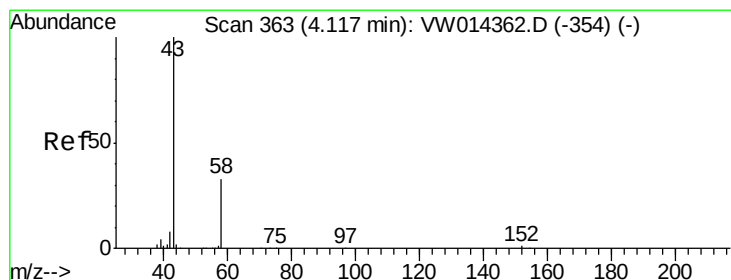
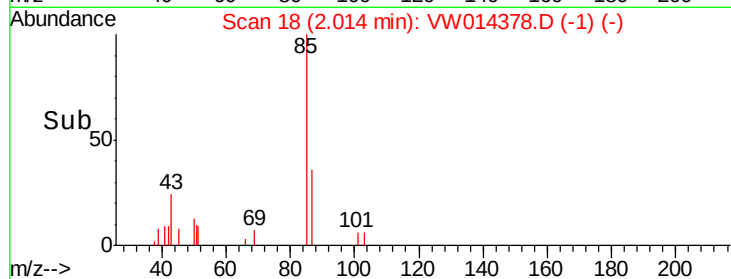
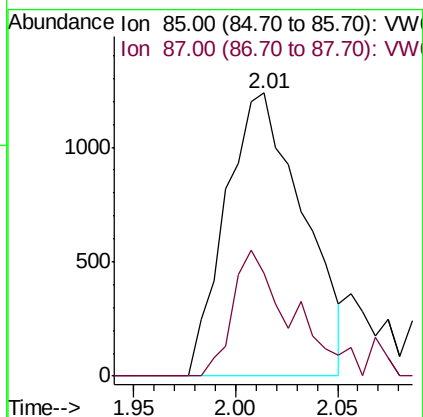
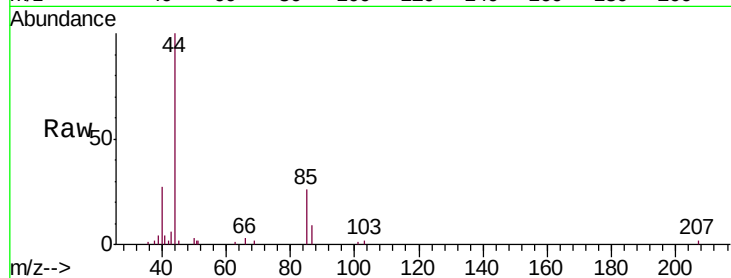
C0C53

Tgt Ion: 85 Resp: 3268

Ion Ratio Lower Upper

85 100

87 24.4 22.1 41.1



#13

Acetone

Concen: 2.547 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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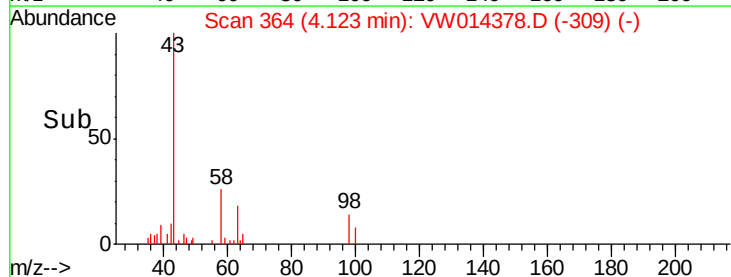
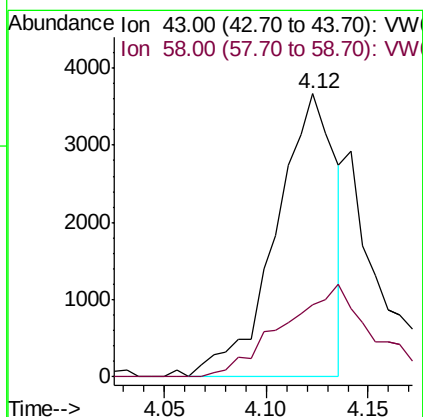
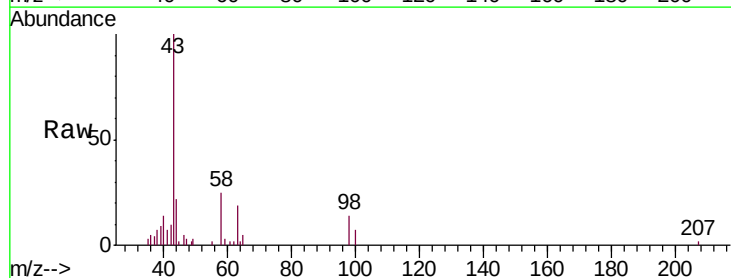
Acq: 16 Dec 2019 19:19

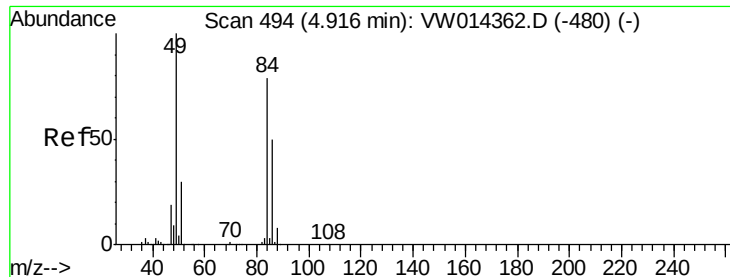
Tgt Ion: 43 Resp: 7469

Ion Ratio Lower Upper

43 100

58 41.6 0.0 65.4

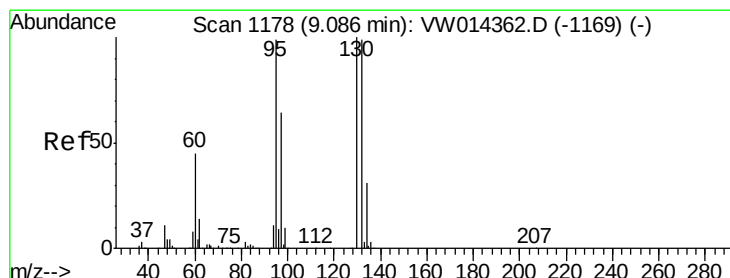
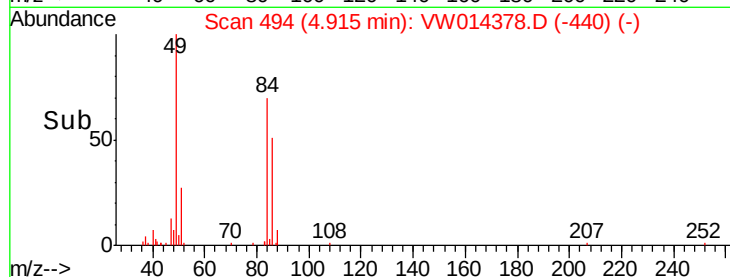
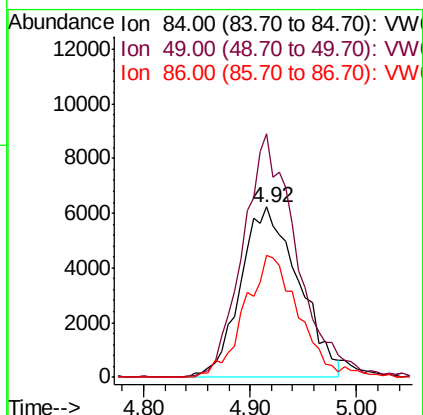
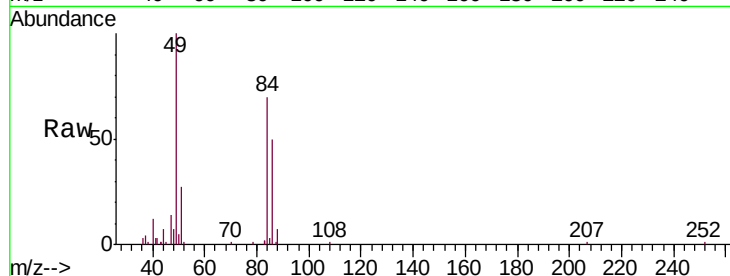




#16
Methylene chloride
Concen: 2.010 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
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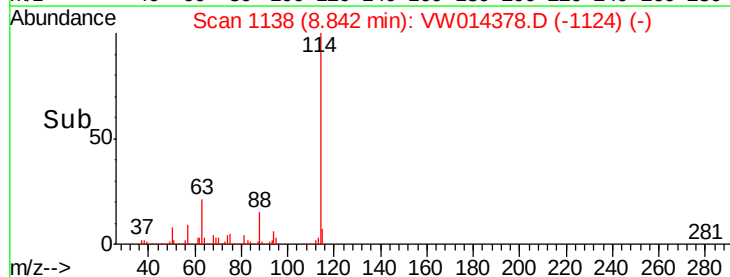
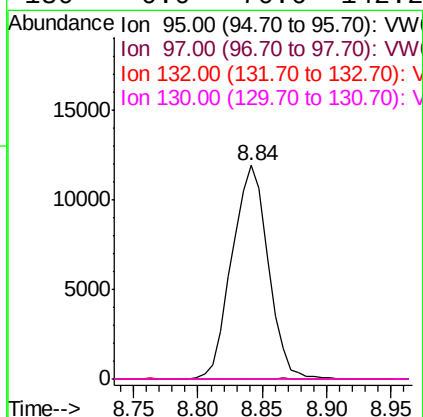
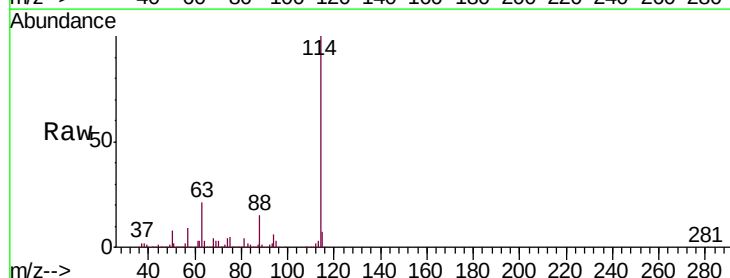
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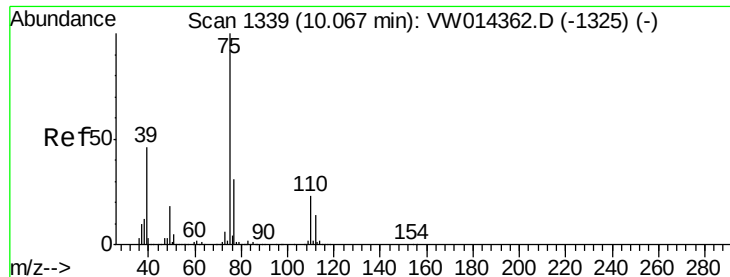
Tgt Ion: 84 Resp: 23751
Ion Ratio Lower Upper
84 100
49 142.9 84.2 156.4
86 72.0 43.7 81.1



#35
Trichloroethene
Concen: 2.642 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW014378.D
Acq: 16 Dec 2019 19:19

Tgt Ion: 95 Resp: 23390
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.9#
132 0.3 73.7 136.9#
130 0.0 76.6 142.2#





#42

cis-1,3-Dichloropropene

Concen: 0.463 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014378.D

Acq: 16 Dec 2019 19:19

Instrument :

MSVOA_W

ClientSampleId :

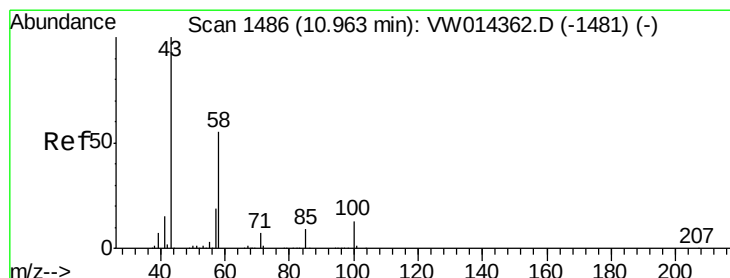
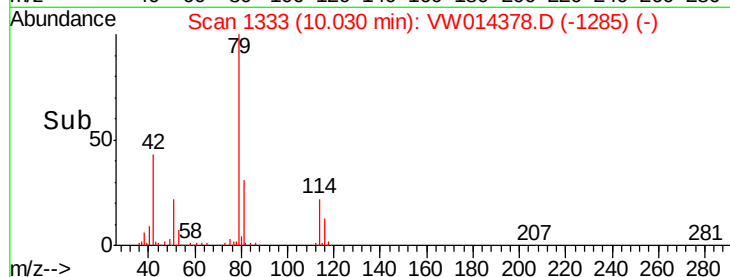
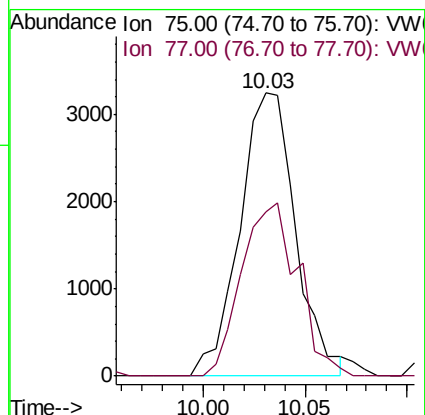
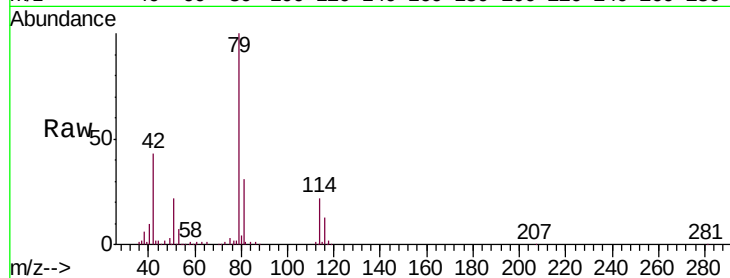
C0C53

Tgt Ion: 75 Resp: 6169

Ion Ratio Lower Upper

75 100

77 58.0 22.1 41.1#



#49

2-Hexanone

Concen: 4.942 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014378.D

Acq: 16 Dec 2019 19:19

Tgt Ion: 43 Resp: 20623

Ion Ratio Lower Upper

43 100

58 21.4 44.4 66.6#

57 25.0 16.5 24.7#

100 3.2 11.1 16.7#

