

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006413.D
 Acq On : 26 Oct 2018 18:30
 Operator : SY/AP
 Sample : J5657-23
 Misc : 4.96G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40K0

Quant Time: Oct 26 23:49:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	314855	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	264363	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	112028	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	59735	16.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.28%
7) Chloroethane-d5	2.90	69	62806	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
10) 1,1-Dichloroethene-d2	4.01	63	94760	13.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.60%
20) 2-Butanone-d5	7.09	46	51126	43.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.88%
24) Chloroform-d	7.65	84	153045	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	8.31	65	88934	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
29) Benzene-d6	8.28	84	296970	24.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.96%
33) 1,2-Dichloropropane-d6	9.28	67	90646	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.08%
37) Toluene-d8	10.33	98	273671	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.20%
38) trans-1,3-Dichloropropene-	10.58	79	33148	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.32%
39) 2-Hexanone-d5	10.93	63	41112	46.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83932	23.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	88313	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds

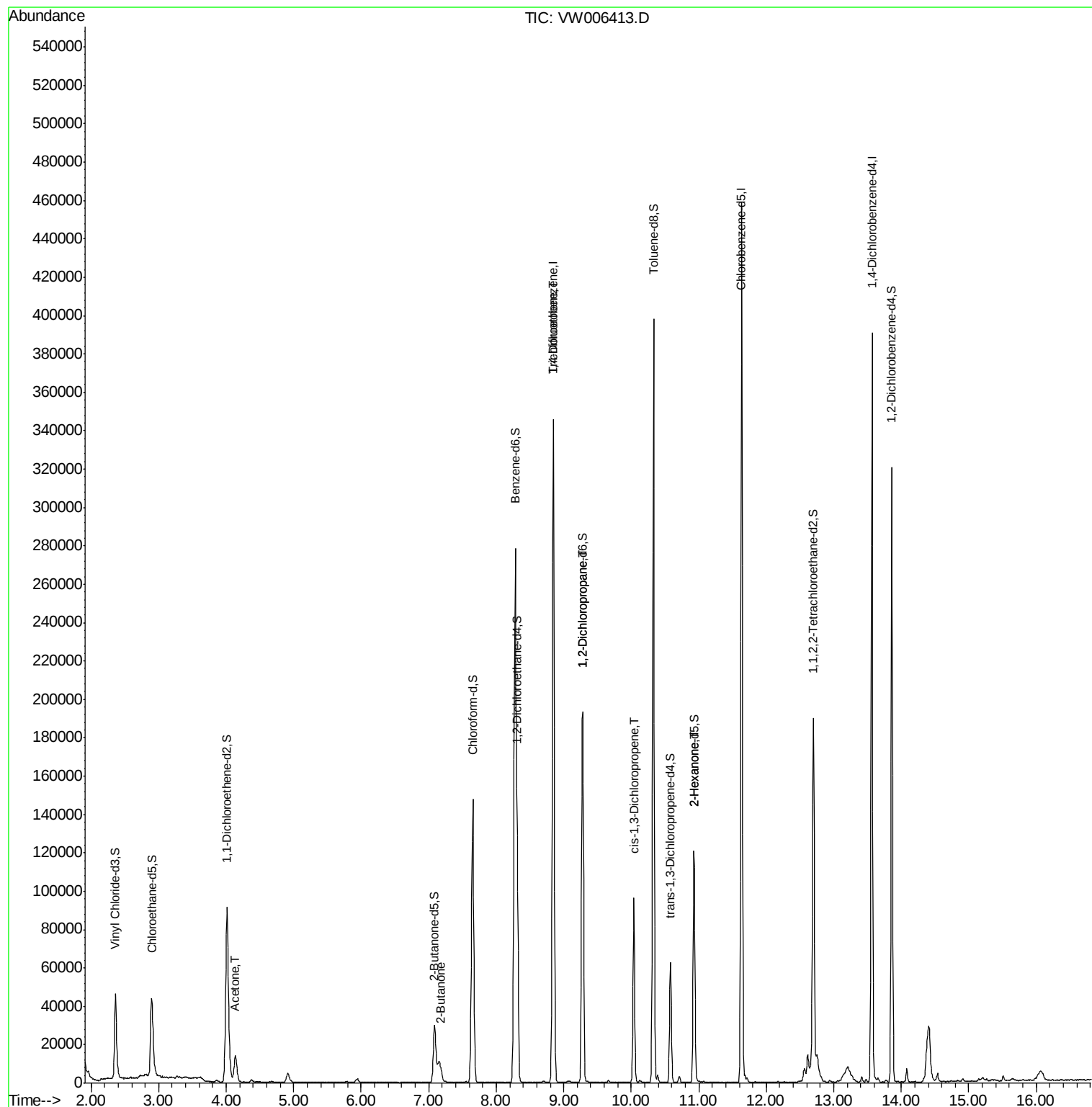
					Qvalue
13) Acetone	4.14	43	25054	21.070 ug/L	99
21) 2-Butanone	7.18	43	8278	5.239 ug/L	94
35) Trichloroethene	8.85	95	9200	2.409 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	10357	3.076 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2531	0.460 ug/L #	81
49) 2-Hexanone	10.93	43	5413	2.723 ug/L #	70

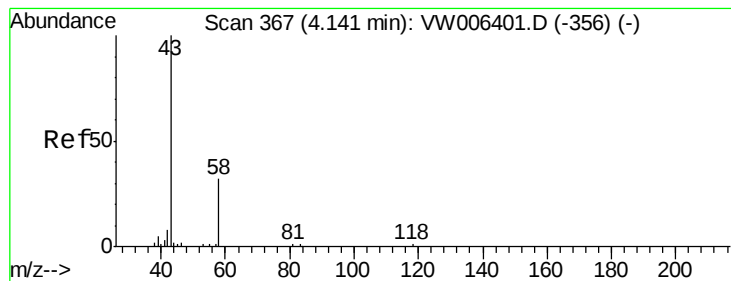
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration





#13

Acetone

Concen: 21.070 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

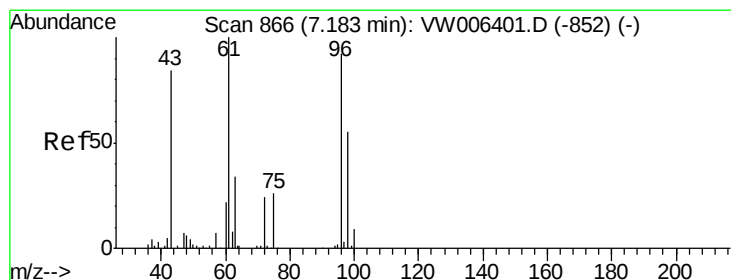
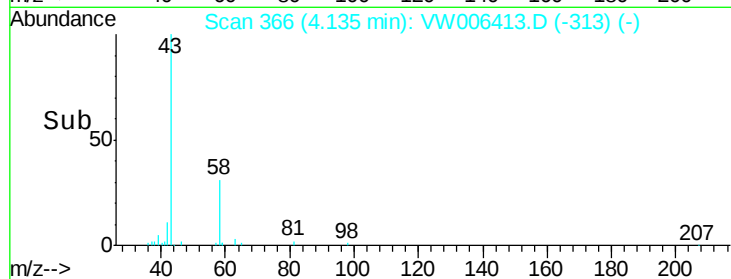
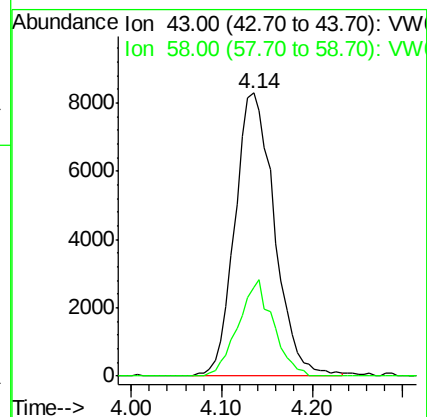
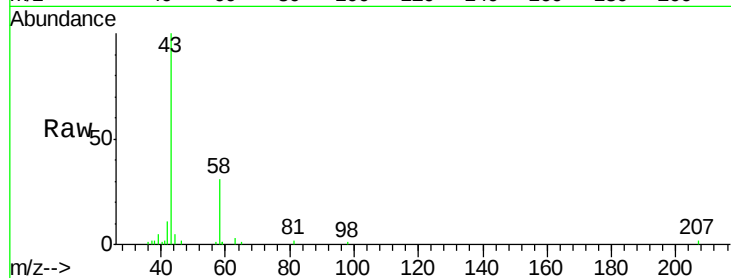
A40K0

Tgt Ion: 43 Resp: 25054

Ion Ratio Lower Upper

43 100

58 30.0 0.0 61.2



#21

2-Butanone

Concen: 5.239 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006413.D

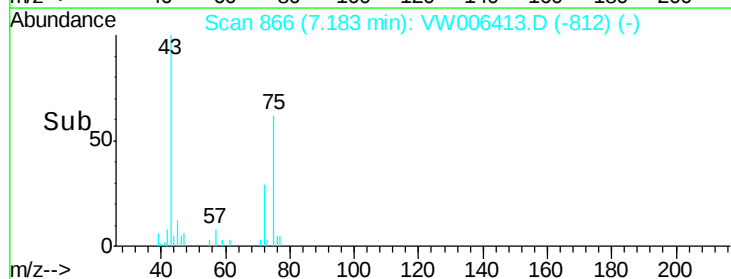
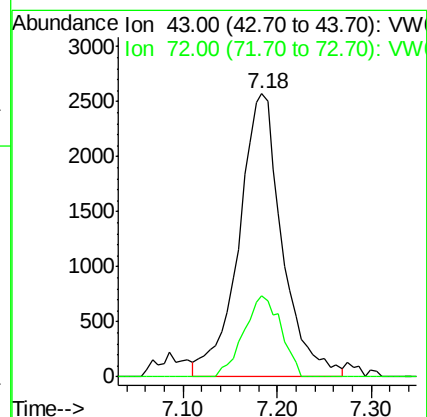
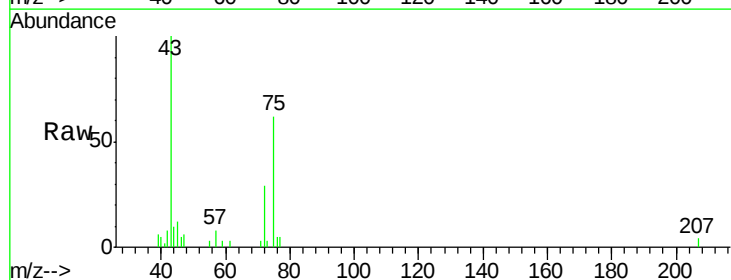
Acq: 26 Oct 2018 18:30

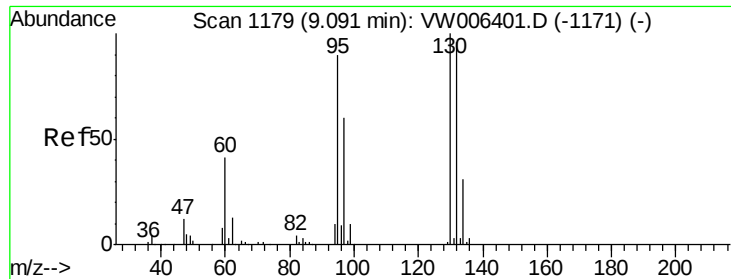
Tgt Ion: 43 Resp: 8278

Ion Ratio Lower Upper

43 100

72 24.6 13.8 41.4





#35

Trichloroethene

Concen: 2.409 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006413.D

Acq: 26 Oct 2018 18:30

Instrument :

MSVOA_W

ClientSampleId :

A40K0

Tgt Ion: 95 Resp: 9200

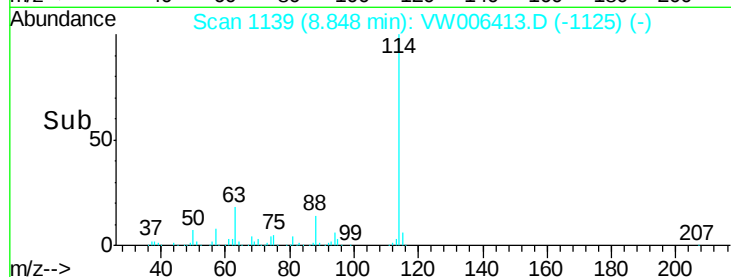
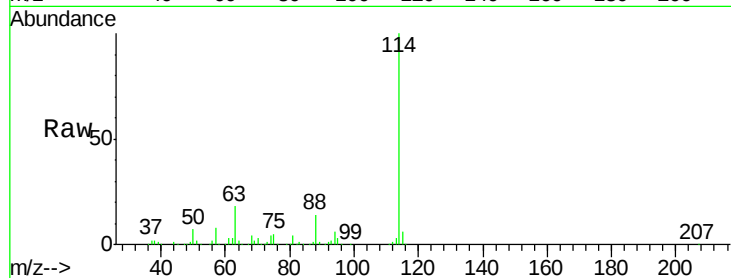
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

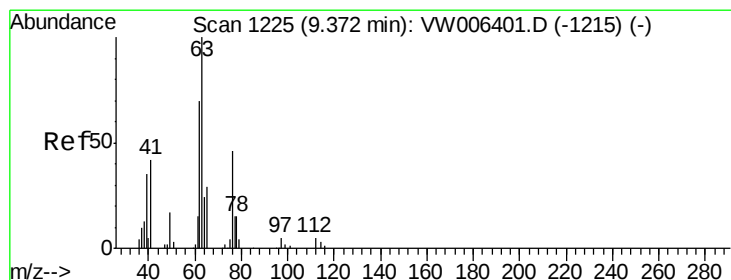
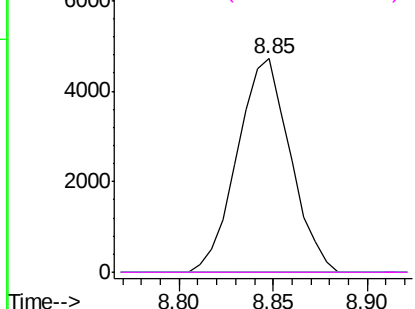


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.076 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006413.D

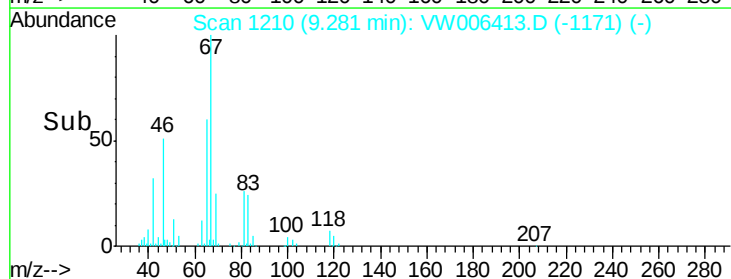
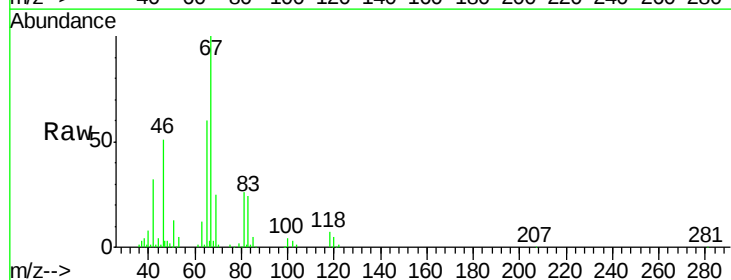
Acq: 26 Oct 2018 18:30

Tgt Ion: 63 Resp: 10357

Ion Ratio Lower Upper

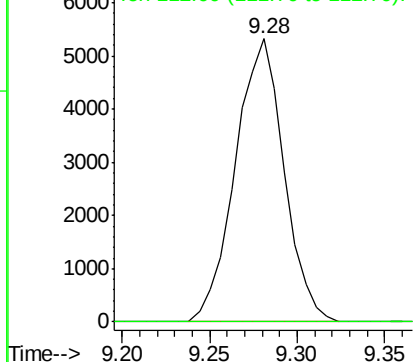
63 100

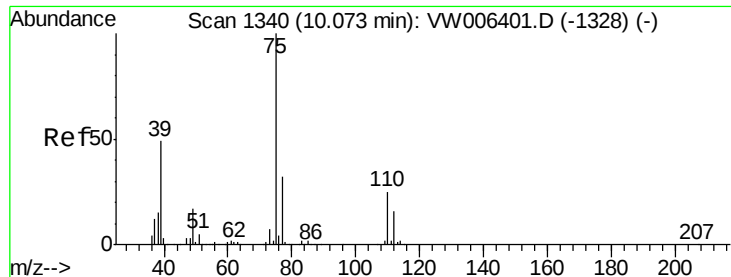
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.460 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006413.D

Acq: 26 Oct 2018 18:30

Instrument :

MSVOA_W

ClientSampleId :

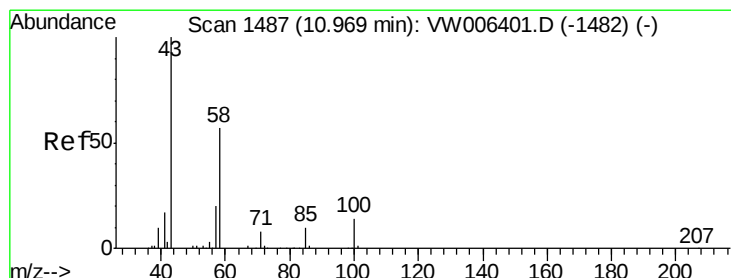
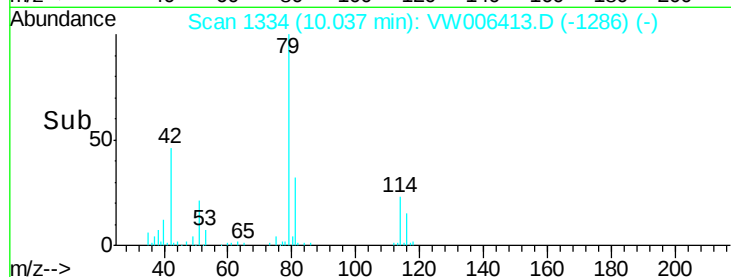
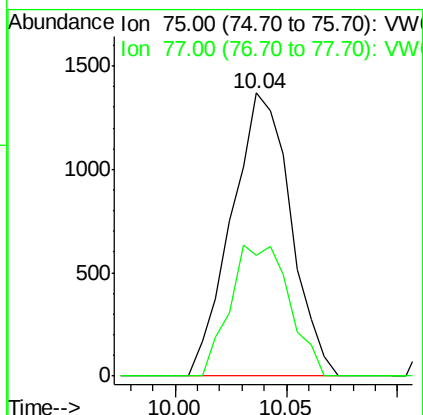
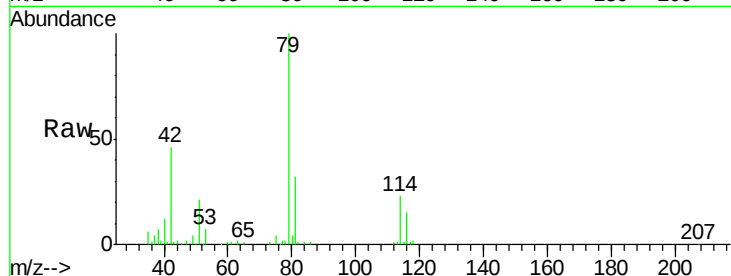
A40K0

Tgt Ion: 75 Resp: 2531

Ion Ratio Lower Upper

75 100

77 42.9 22.6 42.0#



#49

2-Hexanone

Concen: 2.723 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006413.D

Acq: 26 Oct 2018 18:30

Tgt Ion: 43 Resp: 5413

Ion Ratio Lower Upper

43 100

58 25.9 42.1 63.1#

57 23.2 15.1 22.7#

100 0.0 9.9 14.9#

