

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007335.D
 Acq On : 08 Dec 2018 05:10
 Operator : SY/AP
 Sample : J6270-04
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E03

Quant Time: Dec 08 05:49:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 08 04:46:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	104638	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	88700	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	38995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21445	31.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.84%
7) Chloroethane-d5	2.90	69	15849	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.84%
10) 1,1-Dichloroethene-d2	4.01	63	51291	21.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.28%
20) 2-Butanone-d5	7.08	46	22311	51.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.86%
24) Chloroform-d	7.65	84	64705	26.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	8.31	65	39009	27.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.08%
29) Benzene-d6	8.27	84	130694	27.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.52%
33) 1,2-Dichloropropane-d6	9.27	67	37198	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.24%
37) Toluene-d8	10.33	98	123344	27.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.24%
38) trans-1,3-Dichloropropene-	10.59	79	17460	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.36%
39) 2-Hexanone-d5	10.93	63	16391	49.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34058	27.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	37132	27.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.28%

Target Compounds

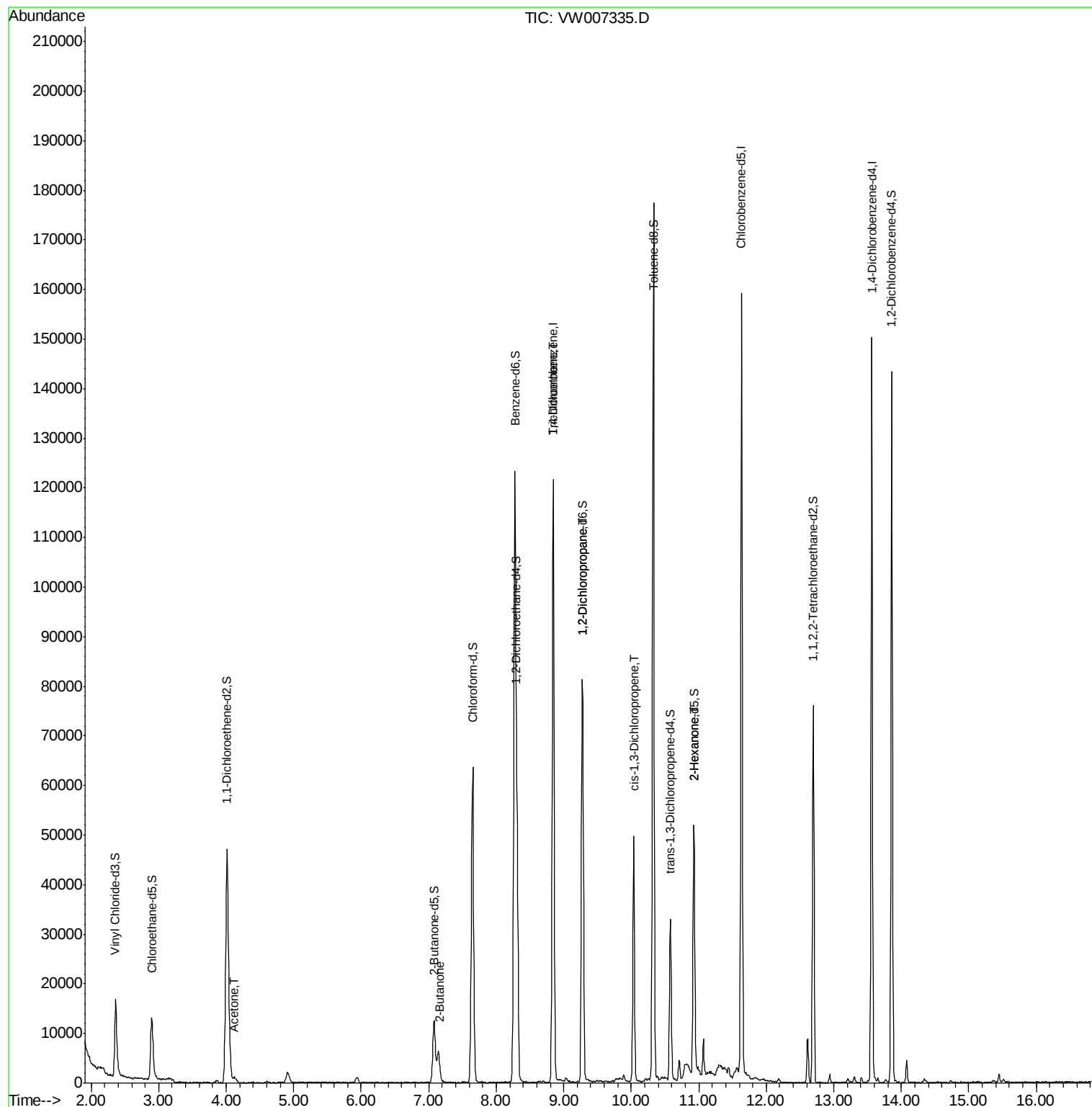
					Ovalue
13) Acetone	4.12	43	1346	2.694 ug/L	95
21) 2-Butanone	7.17	43	285	0.531 ug/L #	45
35) Trichloroethene	8.84	95	3120	2.140 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	4504	3.622 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1282	0.614 ug/L #	79
49) 2-Hexanone	10.93	43	2317	3.349 ug/L #	69

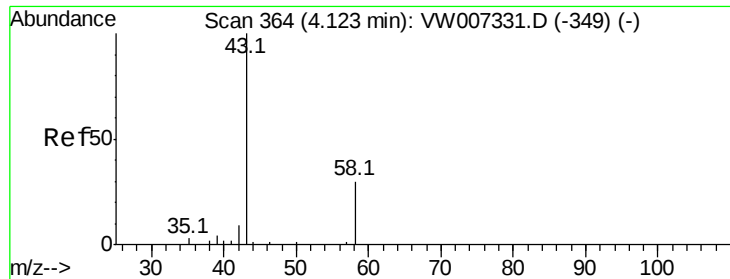
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 08 04:46:36 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.694 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007335.D

Acq: 08 Dec 2018 05:10

Instrument :

MSVOA_W

ClientSampled :

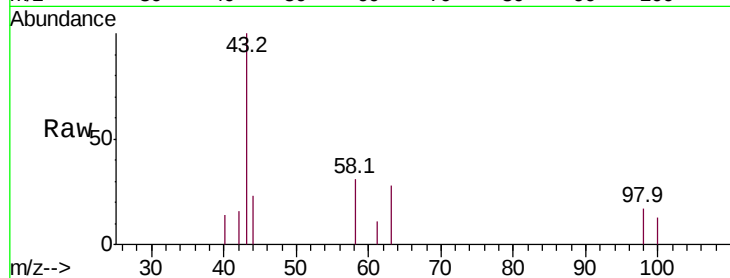
F9E03

Tot Ion: 43 Resp: 1346

Ion Ratio Lower Upper

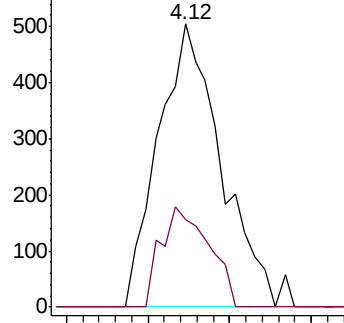
43 100

58 27.1 0.0 59.2

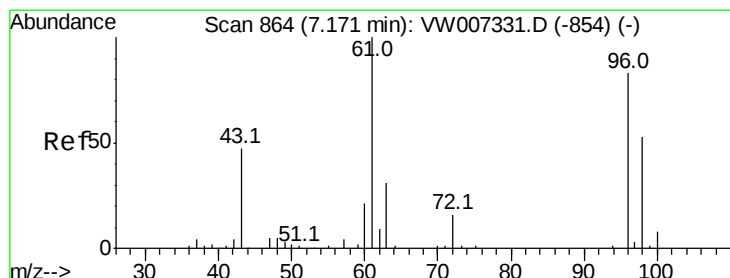
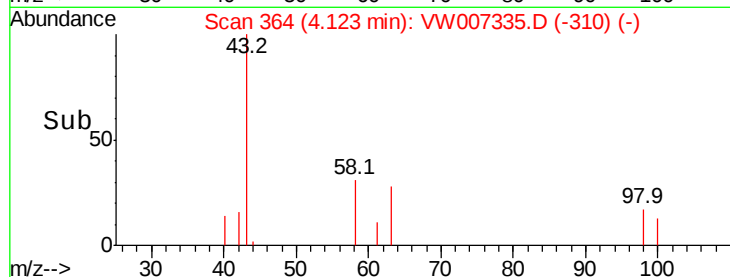


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#21

2-Butanone

Concen: 0.531 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007335.D

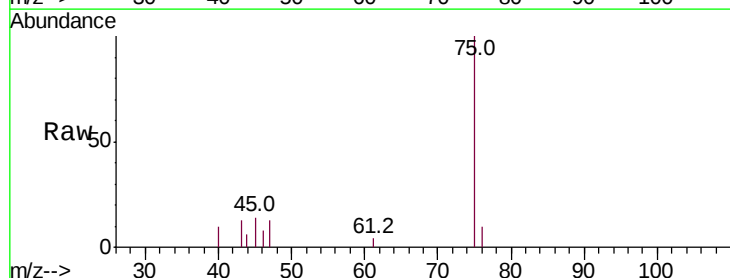
Acq: 08 Dec 2018 05:10

Tgt Ion: 43 Resp: 285

Ion Ratio Lower Upper

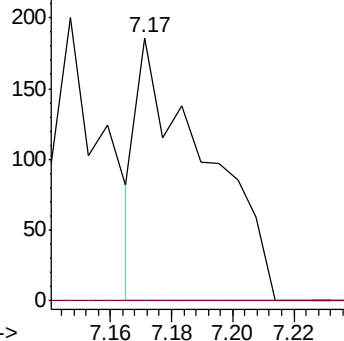
43 100

72 0.0 14.7 44.1#

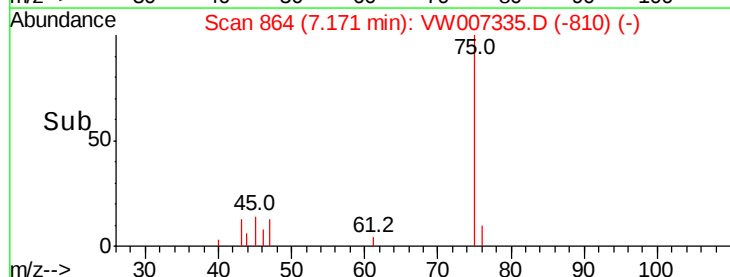


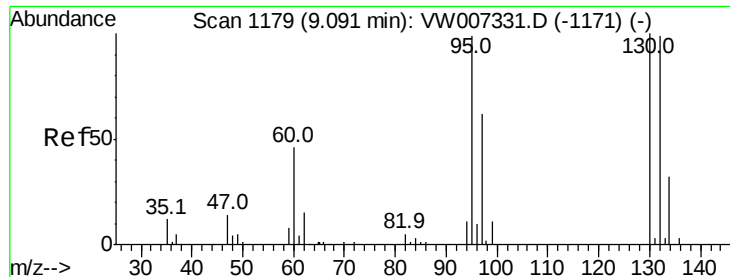
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->





#35

Trichloroethene

Concen: 2.140 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007335.D

Acq: 08 Dec 2018 05:10

Instrument :

MSVOA_W

ClientSampleId :

F9E03

Tot Ion: 95 Resp: 3120

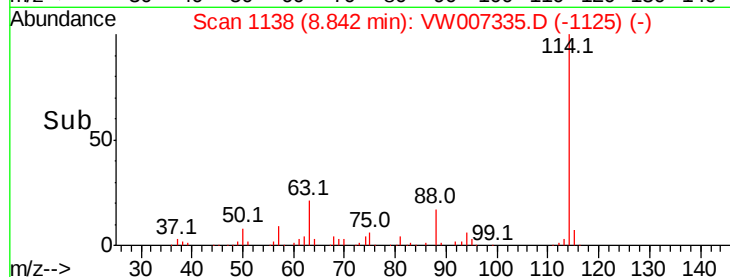
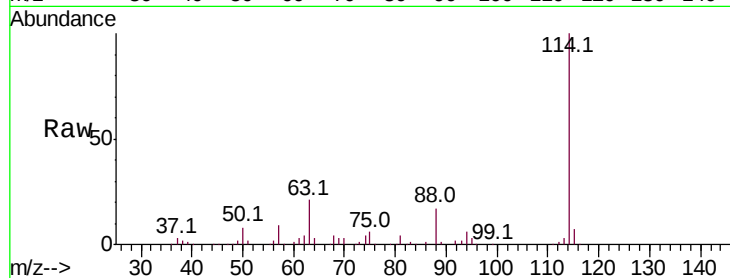
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

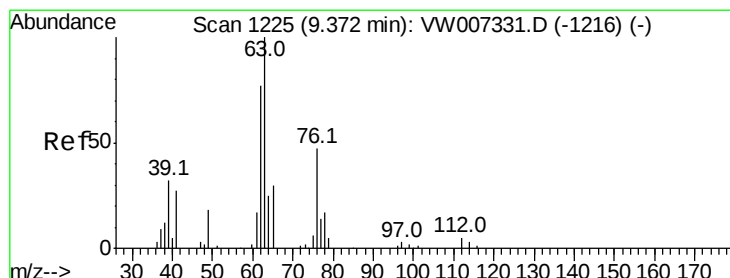
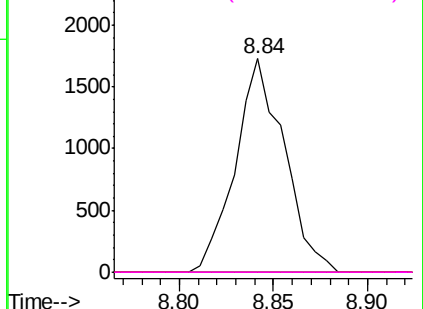


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.622 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007335.D

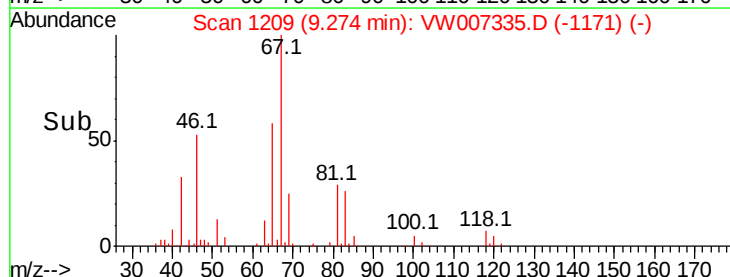
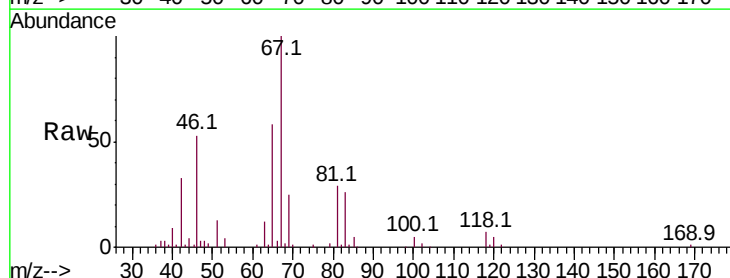
Acq: 08 Dec 2018 05:10

Tgt Ion: 63 Resp: 4504

Ion Ratio Lower Upper

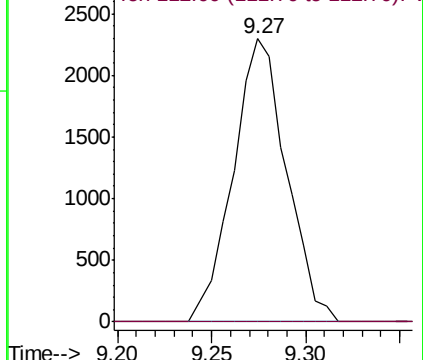
63 100

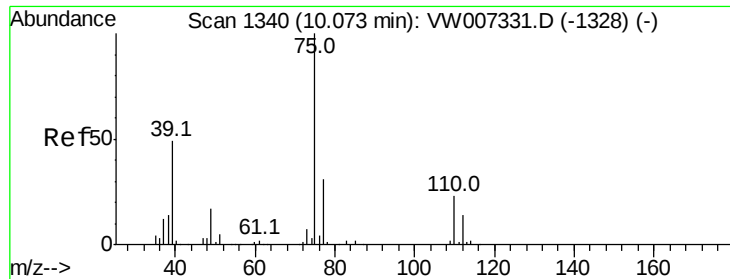
112 0.0 3.6 5.4#



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: 0.614 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007335.D

Acq: 08 Dec 2018 05:10

Instrument :

MSVOA_W

ClientSampled :

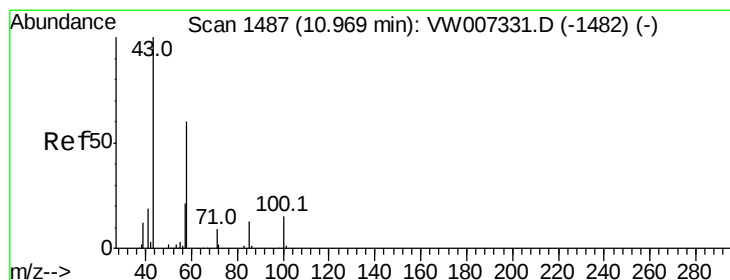
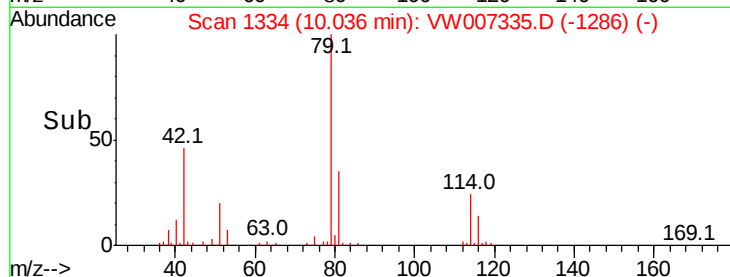
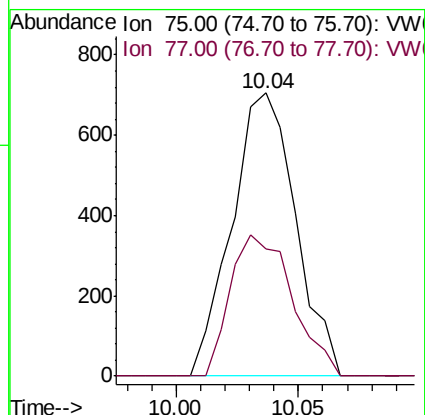
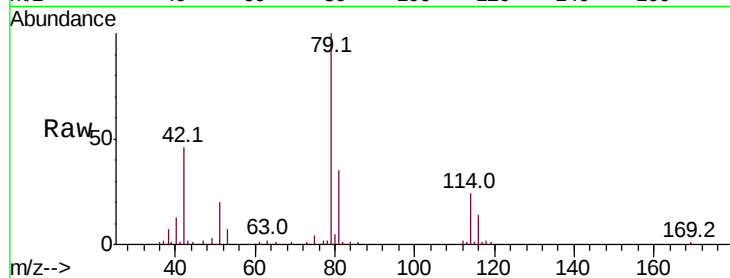
F9E03

Tot Ion: 75 Resp: 1282

Ion Ratio Lower Upper

75 100

77 44.8 23.0 42.6#



#49

2-Hexanone

Concen: 3.349 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007335.D

Acq: 08 Dec 2018 05:10

Tgt Ion: 43 Resp: 2317

Ion Ratio Lower Upper

43 100

58 23.3 47.2 70.8#

57 23.3 17.6 26.4

100 11.7 12.2 18.2#

