

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007318.D
 Acq On : 07 Dec 2018 20:33
 Operator : SY/AP
 Sample : J6236-06
 Misc : 5.20G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E16

Quant Time: Dec 08 02:06:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 08 02:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	136534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	102274	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	36849	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	26072	29.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.28%
7) Chloroethane-d5	2.89	69	19664	26.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.44%
10) 1,1-Dichloroethene-d2	4.01	63	60294	19.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.64%
20) 2-Butanone-d5	7.07	46	20829	37.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.32%
24) Chloroform-d	7.65	84	79776	24.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	8.31	65	48205	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
29) Benzene-d6	8.27	84	159765	28.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.04%
33) 1,2-Dichloropropane-d6	9.27	67	45001	28.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.56%
37) Toluene-d8	10.32	98	143813	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.44%
38) trans-1,3-Dichloropropene-	10.58	79	18591	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.76%
39) 2-Hexanone-d5	10.93	63	16424	43.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	33558	23.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	30589	23.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.40%

Target Compounds

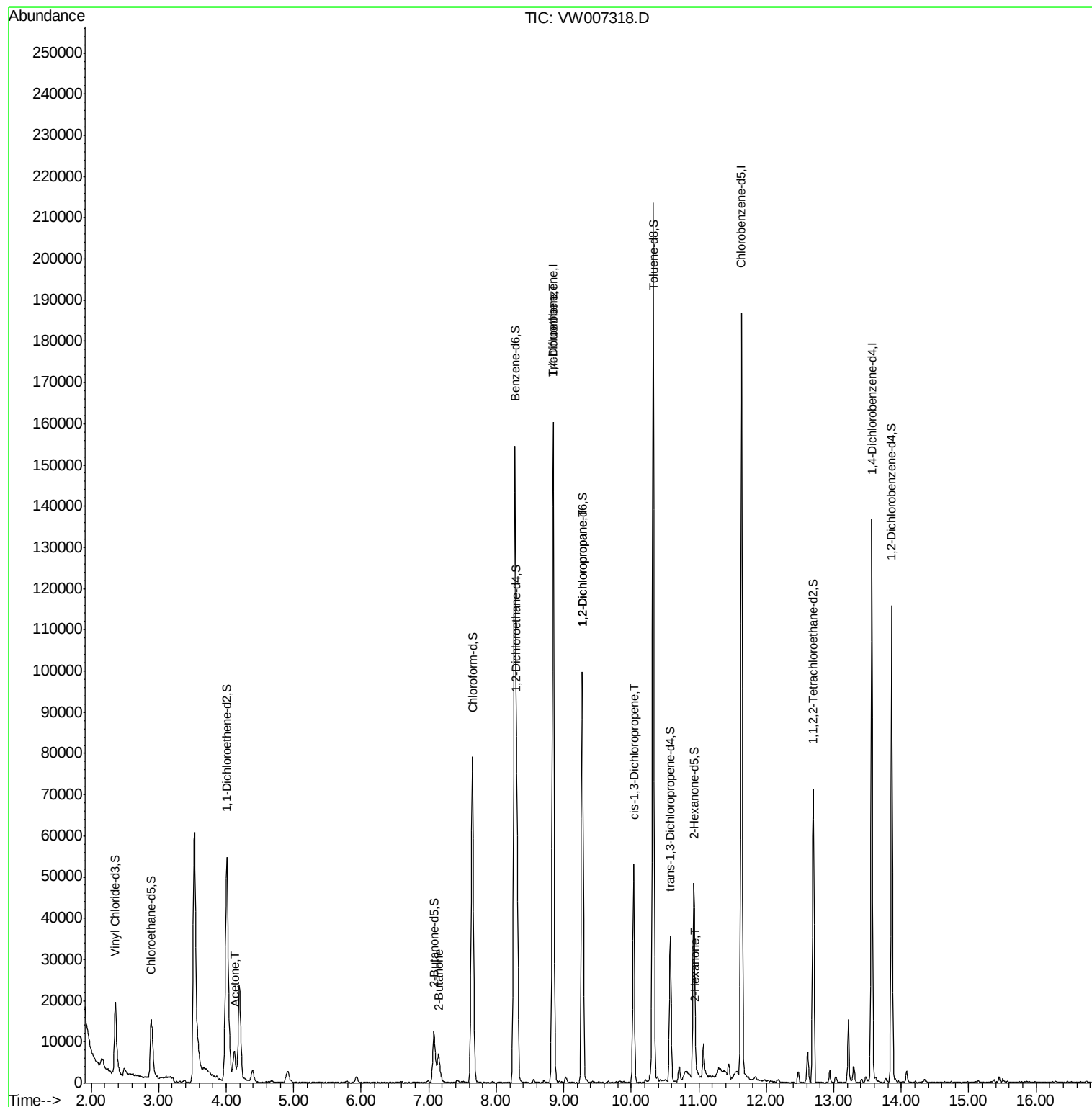
					Ovalue
13) Acetone	4.12	43	12623	19.365	ug/L 99
21) 2-Butanone	7.15	43	492	0.702	ug/L 98
35) Trichloroethene	8.84	95	4251	2.529	ug/L # 4
40) 1,2-Dichloropropane	9.27	63	5300	3.696	ug/L # 86
42) cis-1,3-Dichloropropene	10.03	75	1345	0.559	ug/L 83
49) 2-Hexanone	10.96	43	903	1.132	ug/L # 40

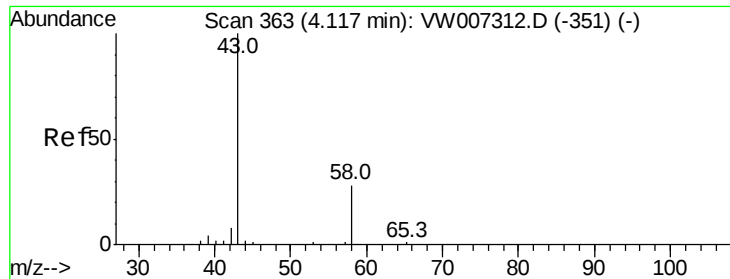
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 08 02:02:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 19.365 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 07 Dec 2018 20:33

Instrument :

MSVOA_W

ClientSampleId :

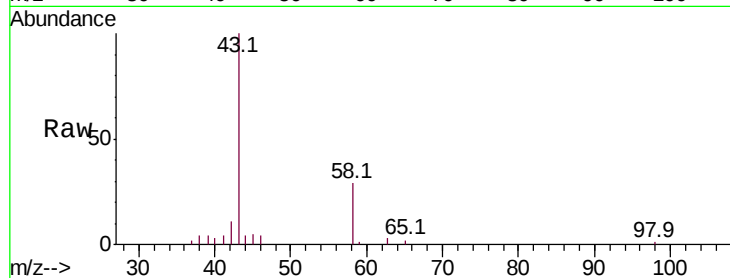
F9E16

Tot Ion: 43 Resp: 12623

Ion Ratio Lower Upper

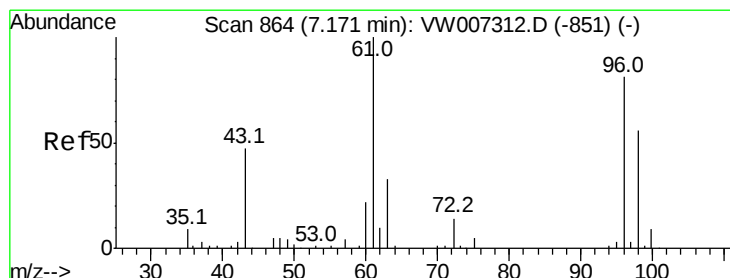
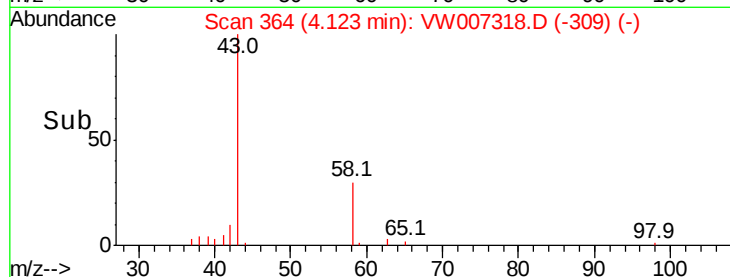
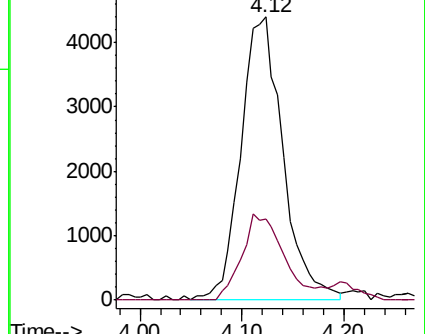
43 100

58 29.9 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 0.702 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW007318.D

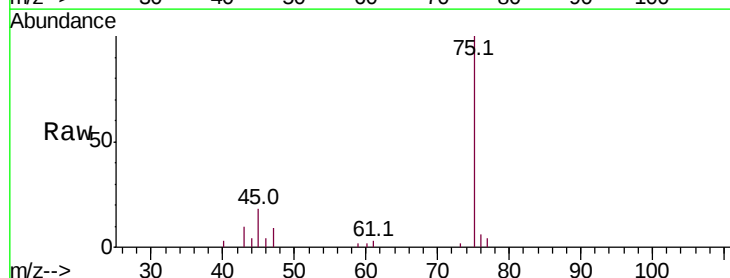
Acq: 07 Dec 2018 20:33

Tgt Ion: 43 Resp: 492

Ion Ratio Lower Upper

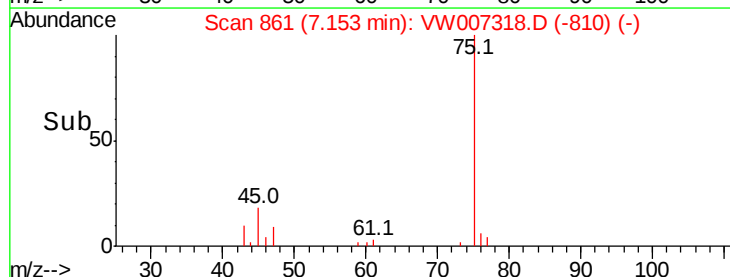
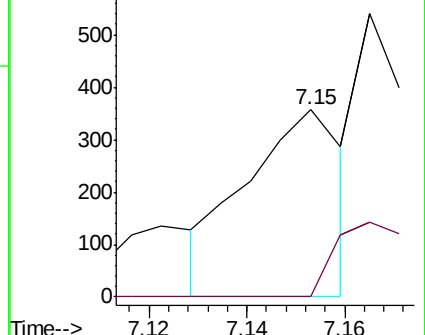
43 100

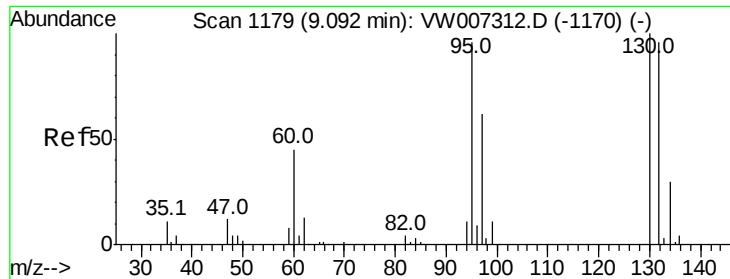
72 28.5 14.7 44.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.529 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007318.D

Acq: 07 Dec 2018 20:33

Instrument :

MSVOA_W

ClientSampled :

F9E16

Tot Ion: 95 Resp: 4251

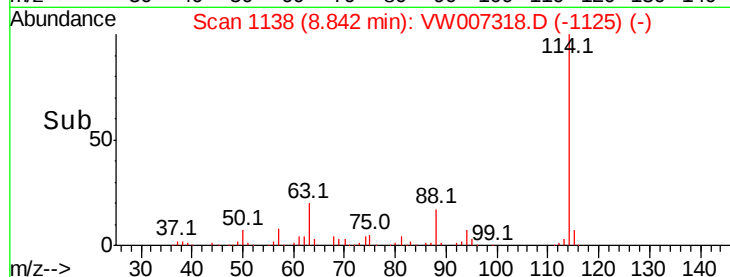
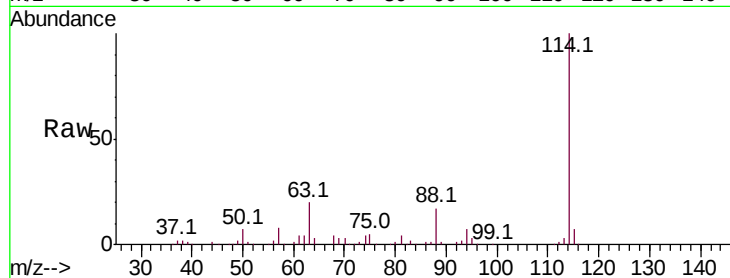
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

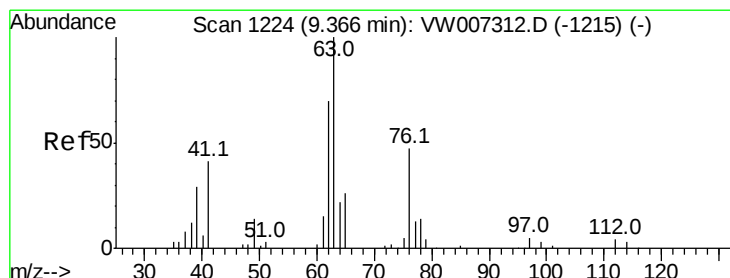
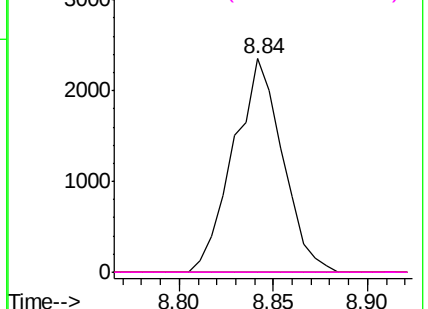


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.696 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007318.D

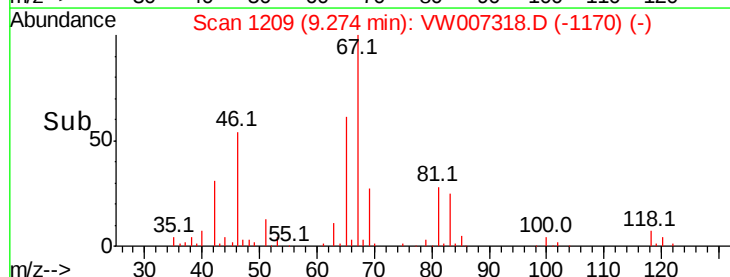
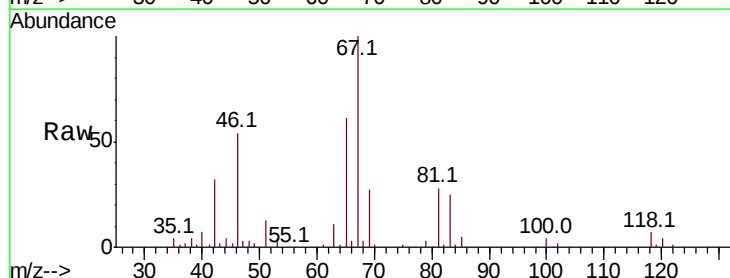
Acq: 07 Dec 2018 20:33

Tgt Ion: 63 Resp: 5300

Ion Ratio Lower Upper

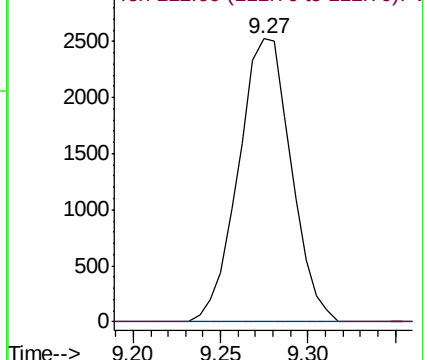
63 100

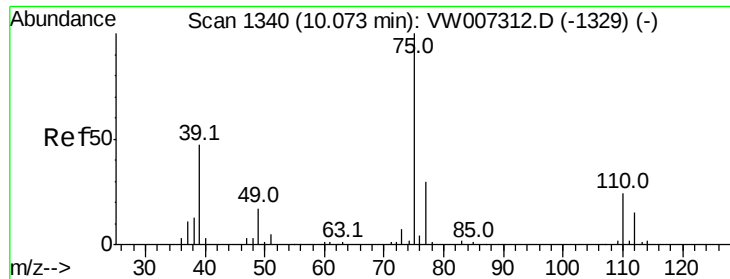
112 0.0 3.6 5.4#



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: 0.559 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007318.D

Acq: 07 Dec 2018 20:33

Instrument :

MSVOA_W

ClientSampled :

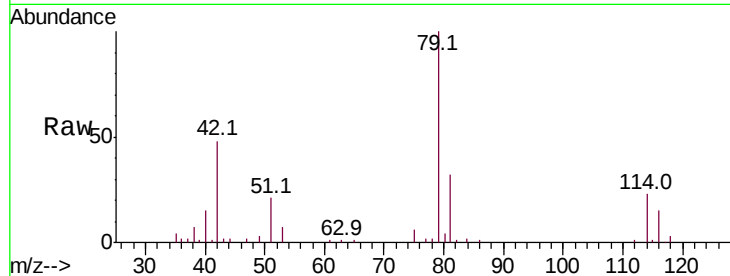
F9E16

Tot Ion: 75 Resp: 1345

Ion Ratio Lower Upper

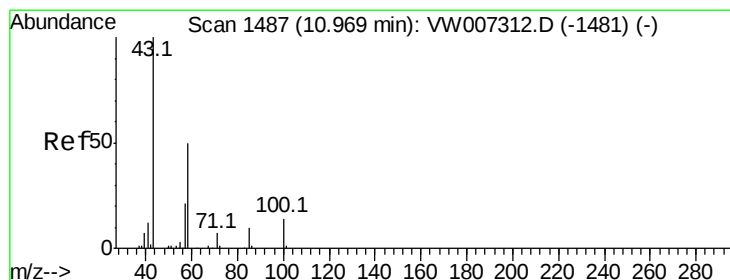
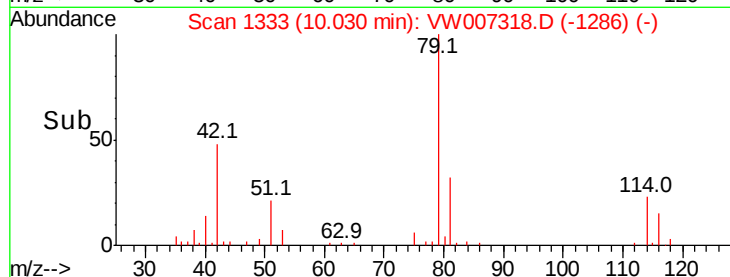
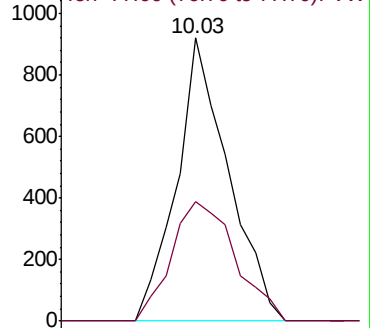
75 100

77 42.2 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 1.132 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW007318.D

Acq: 07 Dec 2018 20:33

Tgt Ion: 43 Resp: 903

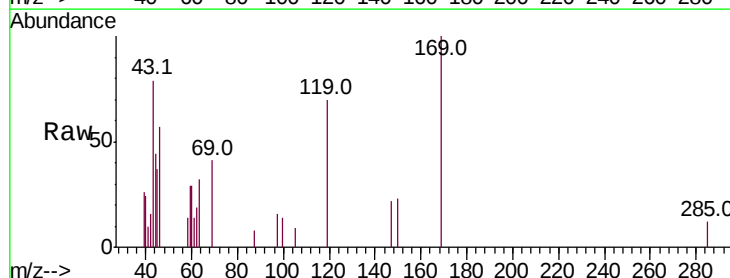
Ion Ratio Lower Upper

43 100

58 0.0 47.2 70.8#

57 0.0 17.6 26.4#

100 12.3 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

