

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007324.D
 Acq On : 07 Dec 2018 23:08
 Operator : SY/AP
 Sample : J6236-12
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E22

Quant Time: Dec 08 02:07:19 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	141720	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	118657	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49765	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	27401	29.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.72%
7) Chloroethane-d5	2.89	69	20826	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.56%
10) 1,1-Dichloroethene-d2	4.01	63	64539	20.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.08%
20) 2-Butanone-d5	7.08	46	20042	34.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.90%
24) Chloroform-d	7.65	84	87288	26.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	8.31	65	51113	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.44%
29) Benzene-d6	8.27	84	174551	27.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.32%
33) 1,2-Dichloropropane-d6	9.27	67	50326	27.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.44%
37) Toluene-d8	10.32	98	162394	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.52%
38) trans-1,3-Dichloropropene-	10.58	79	21734	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
39) 2-Hexanone-d5	10.93	63	14679	33.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	37144	22.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	46854	26.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.04%

Target Compounds

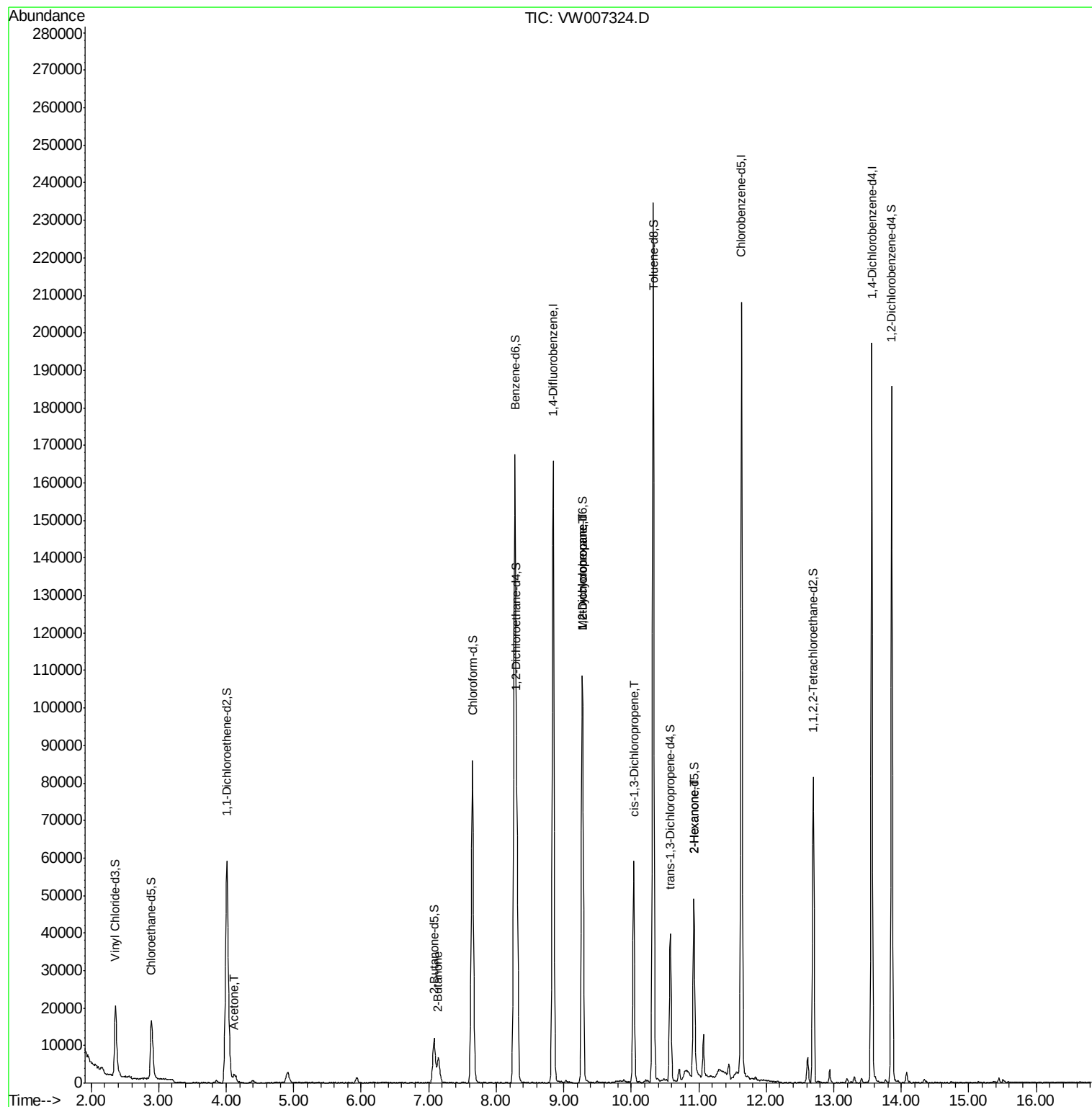
					Ovalue
13) Acetone	4.12	43	3127	4.622 ug/L	71
21) 2-Butanone	7.14	43	1030	1.416 ug/L #	45
36) Methylcyclohexane	9.27	83	12813	3.806 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	5963	3.584 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1546	0.553 ug/L	88
49) 2-Hexanone	10.92	43	2600	2.809 ug/L #	57

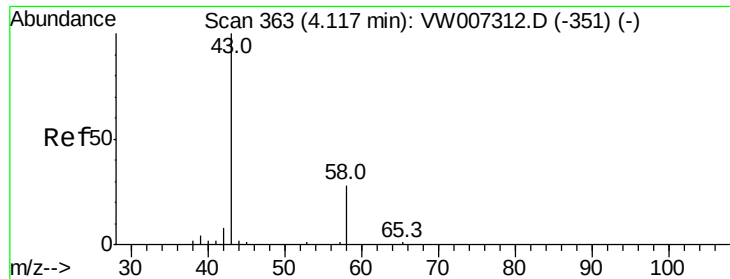
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 08 02:02:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.622 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007324.D

Acq: 07 Dec 2018 23:08

Instrument :

MSVOA_W

ClientSampled :

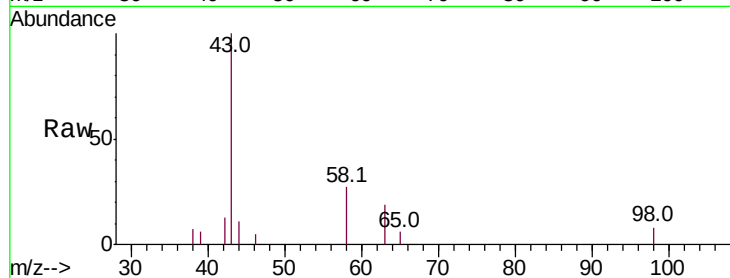
F9E22

Tot Ion: 43 Resp: 3127

Ion Ratio Lower Upper

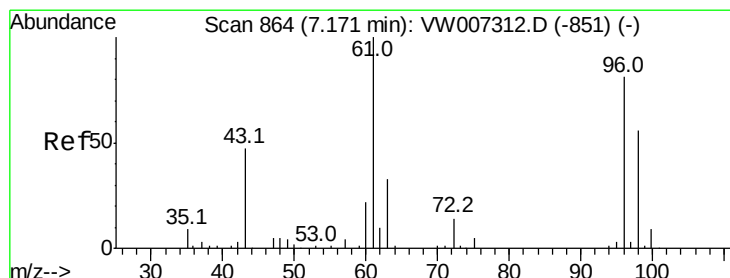
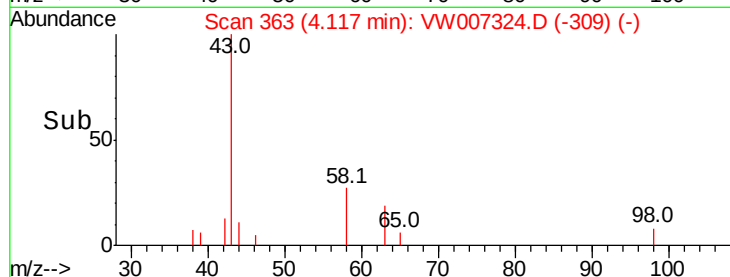
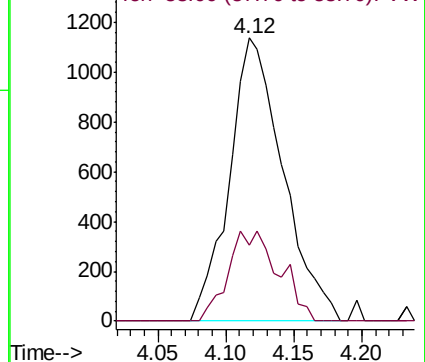
43 100

58 14.1 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: 1.416 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW007324.D

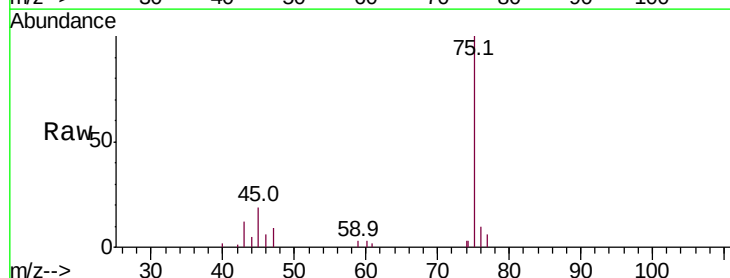
Acq: 07 Dec 2018 23:08

Tgt Ion: 43 Resp: 1030

Ion Ratio Lower Upper

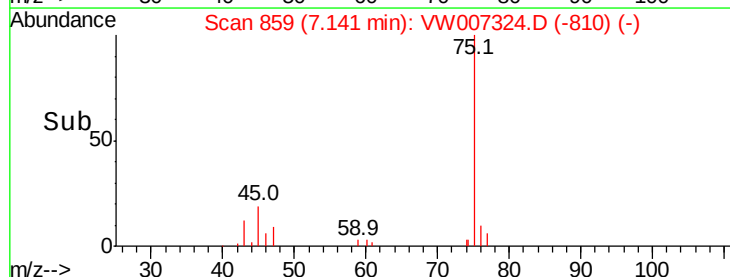
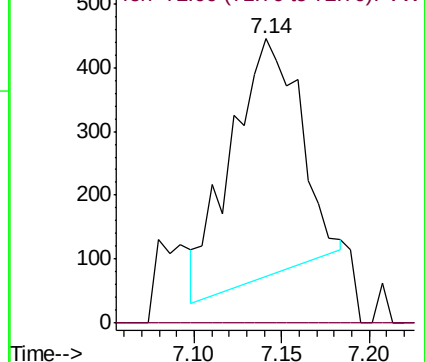
43 100

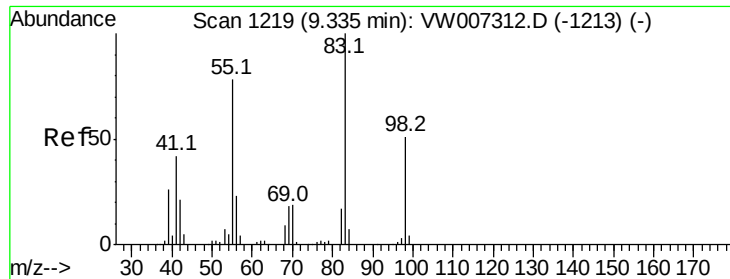
72 0.0 14.7 44.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#36

Methylcyclohexane

Concen: 3.806 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007324.D

Acq: 07 Dec 2018 23:08

Instrument :

MSVOA_W

ClientSampleId :

F9E22

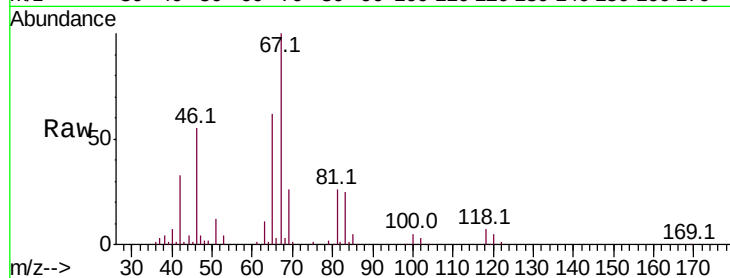
Tot Ion: 83 Resp: 12813

Ion Ratio Lower Upper

83 100

55 0.4 59.4 89.2#

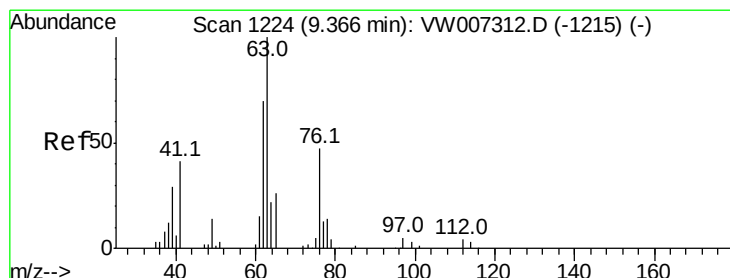
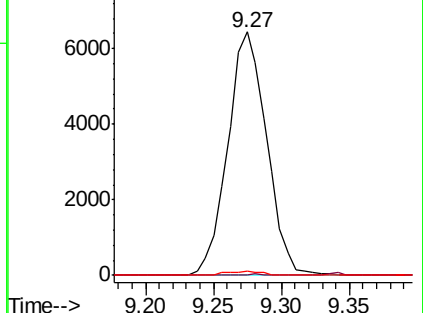
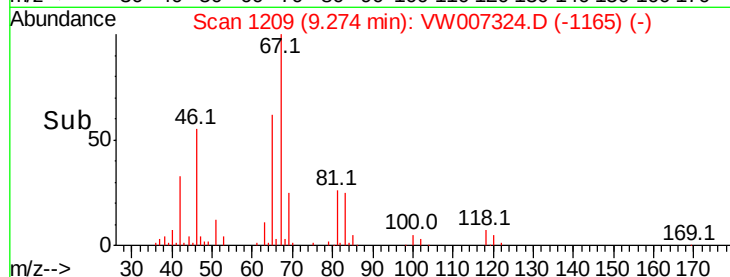
98 0.8 38.1 57.1#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

1,2-Dichloropropane

Concen: 3.584 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007324.D

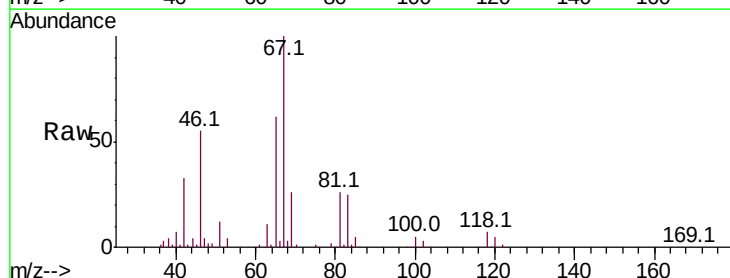
Acq: 07 Dec 2018 23:08

Tgt Ion: 63 Resp: 5963

Ion Ratio Lower Upper

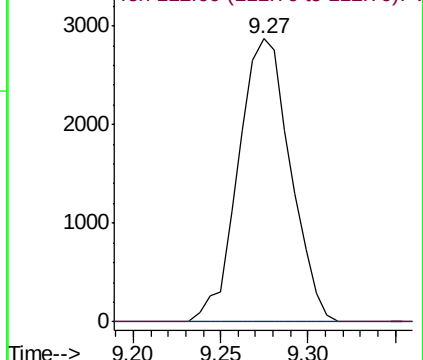
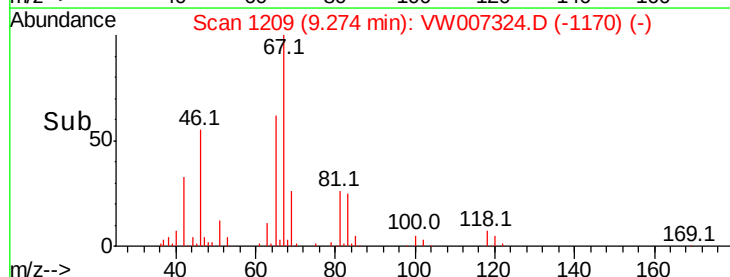
63 100

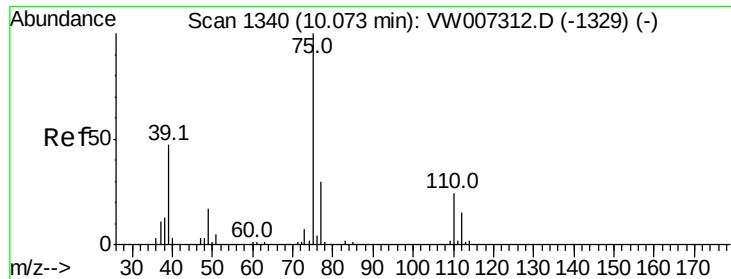
112 0.0 3.6 5.4#



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: 0.553 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007324.D

Acq: 07 Dec 2018 23:08

Instrument :

MSVOA_W

ClientSampleId :

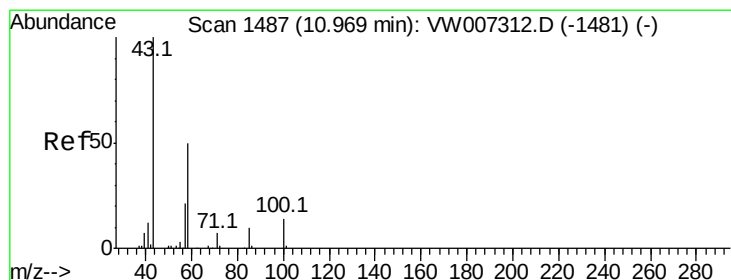
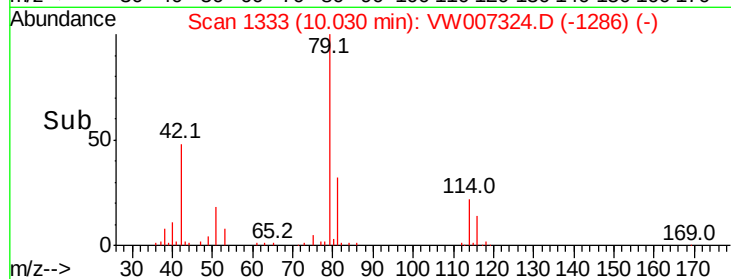
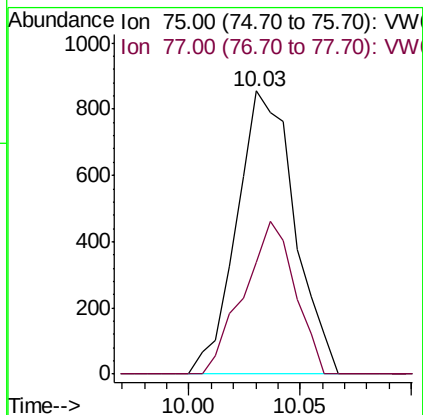
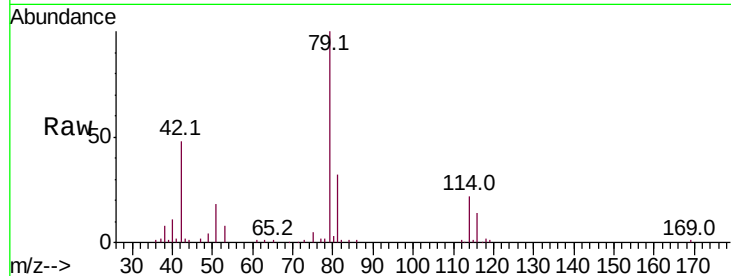
F9E22

Tot Ion: 75 Resp: 1546

Ion Ratio Lower Upper

75 100

77 39.5 23.0 42.6



#49

2-Hexanone

Concen: 2.809 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW007324.D

Acq: 07 Dec 2018 23:08

Tgt Ion: 43 Resp: 2600

Ion Ratio Lower Upper

43 100

58 15.7 47.2 70.8#

57 16.8 17.6 26.4#

100 1.7 12.2 18.2#

