

Data File : VV013655.D
Acq On : 18 Nov 2019 13:28
Operator : SY/MD
Sample : K5856-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAR27

Quant Time: Nov 19 04:28:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	294064	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	291225	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	128667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106060	5.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.80%
7) Chloroethane-d5	1.58	69	97339	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.00%
11) 1,1-Dichloroethene-d2	2.13	63	140849	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	3.92	46	293167	69.79	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.58%#
24) Chloroform-d	4.40	84	233829	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.40%
26) 1,2-Dichloroethane-d4	5.08	65	120563	6.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.00%
32) Benzene-d6	5.10	84	451046	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.11	67	141874	5.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.40%
41) Toluene-d8	7.36	98	377241	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.66	79	47408	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.13	63	199244	57.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.06%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	105025	6.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	156751	6.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.60%#

Target Compounds

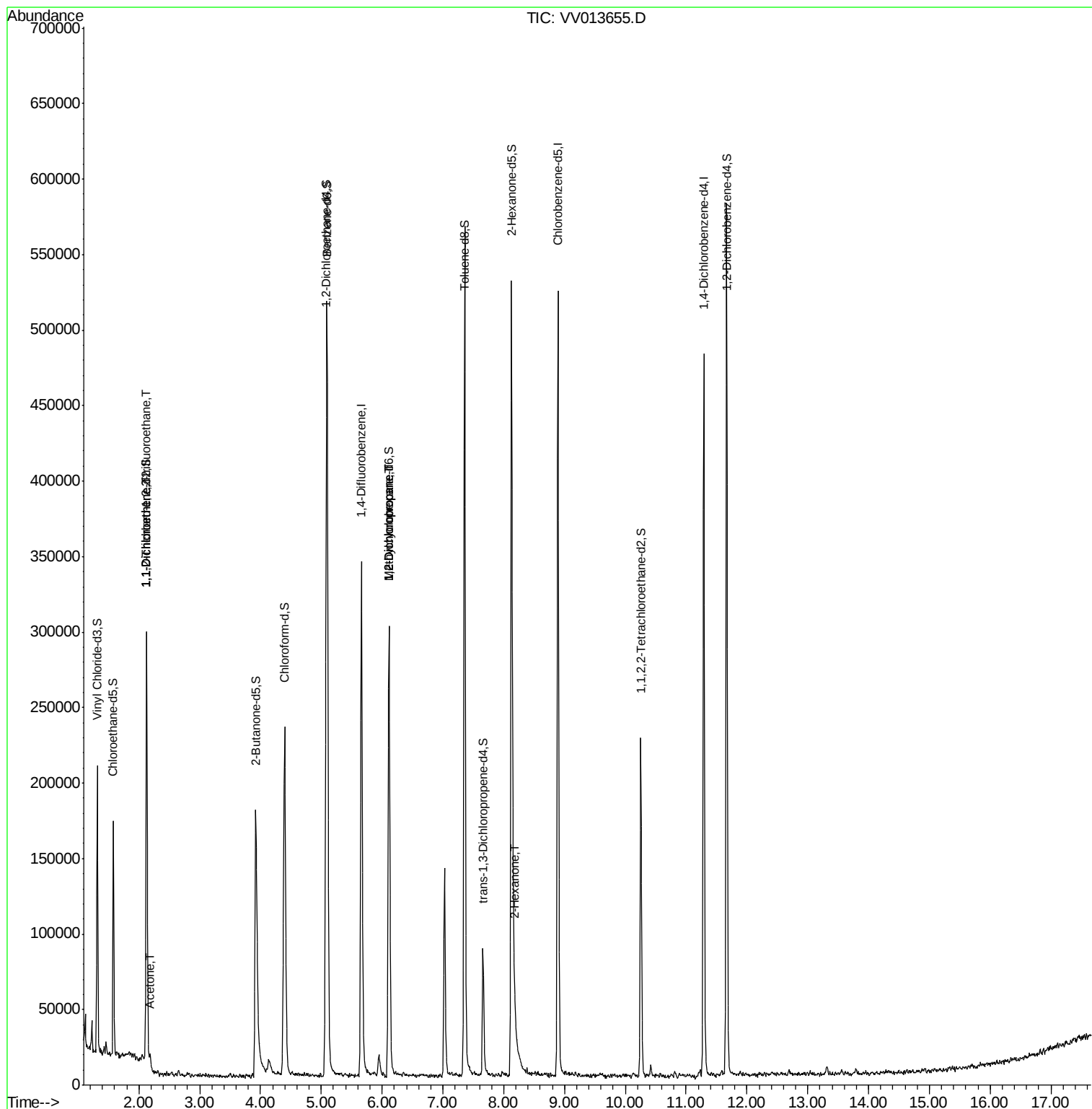
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1664	0.092	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1628	0.093	ug/L #	1
13) Acetone	2.18	43	9479	3.576	ug/L #	21
35) Methylcyclohexane	6.11	83	34399	0.956	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	16378	0.776	ug/L #	86
48) 2-Hexanone	8.18	43	10329	1.186	ug/L #	92

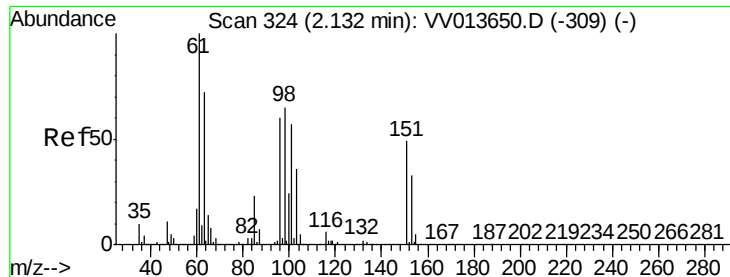
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.092 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

GAR27

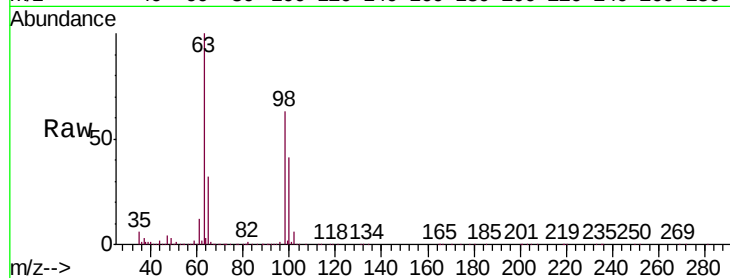
Tgt Ion: 101 Resp: 1664

Ion Ratio Lower Upper

101 100

85 2.7 32.0 48.0#

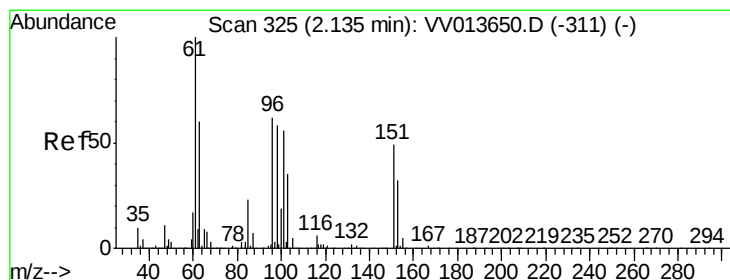
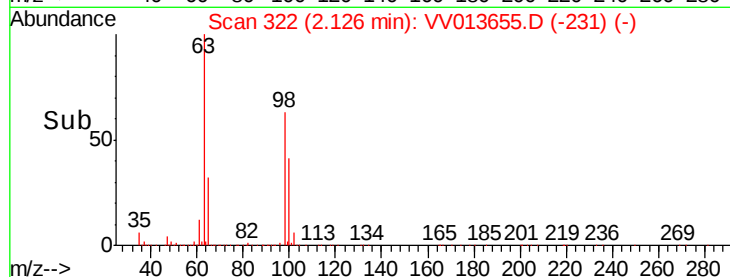
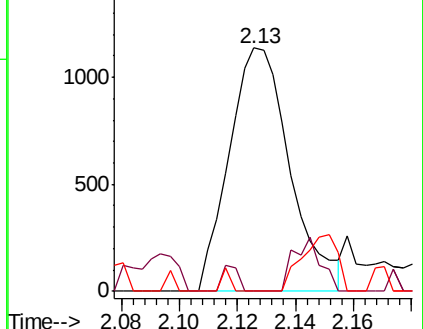
151 1.3 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.093 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013655.D

Acq: 18 Nov 2019 13:28

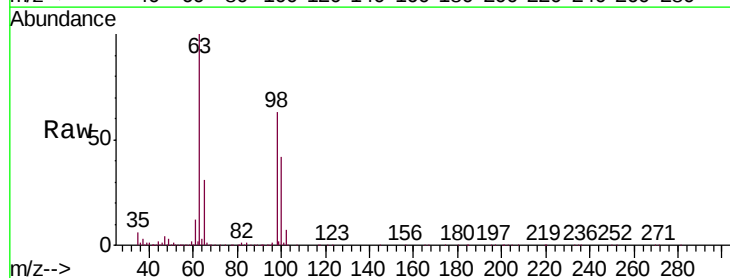
Tgt Ion: 96 Resp: 1628

Ion Ratio Lower Upper

96 100

61 1218.2 112.5 208.9#

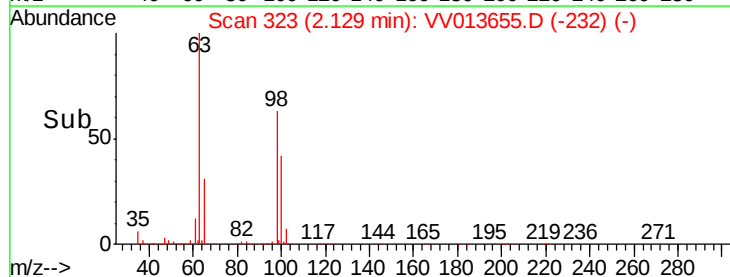
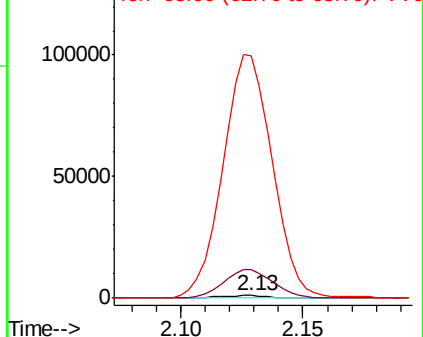
63 10244.4 76.9 142.7#

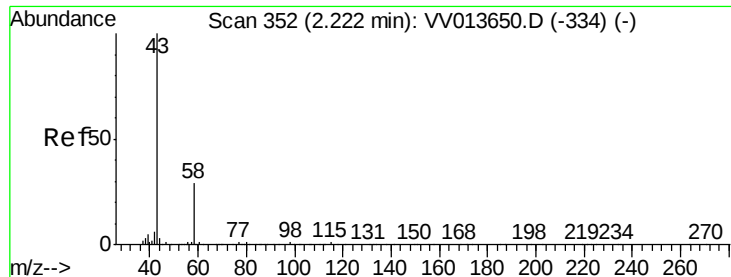


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.576 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

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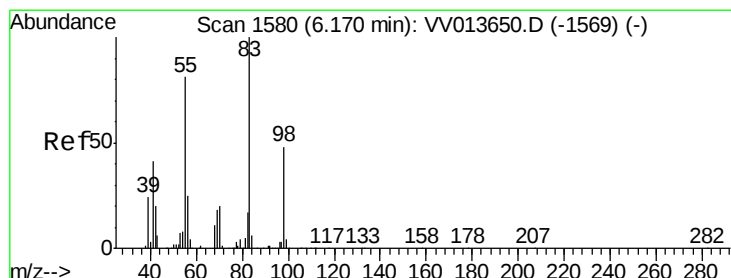
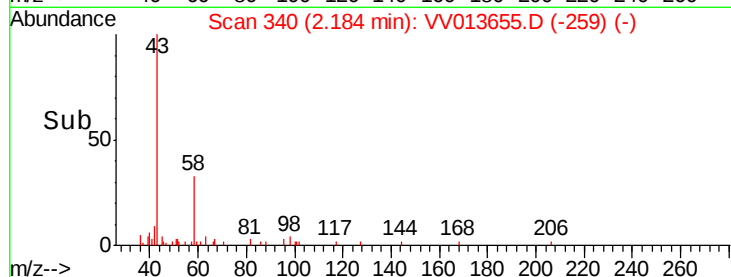
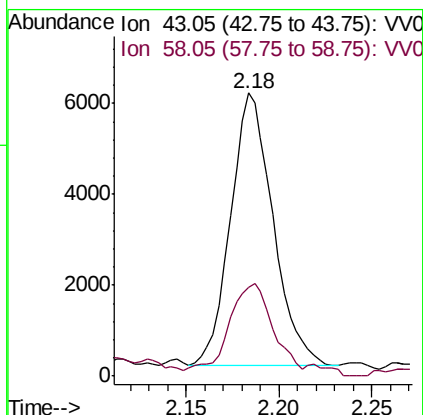
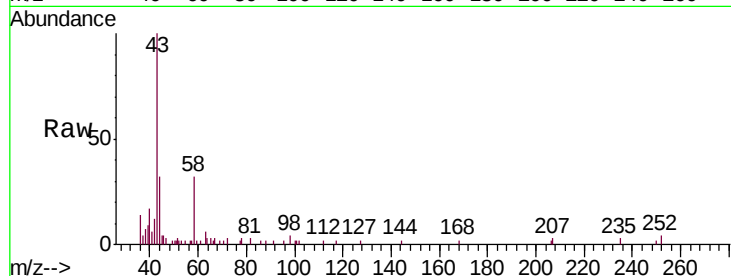
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Tgt Ion: 43 Resp: 9479

Ion Ratio Lower Upper

43 100

58 36.6 0.0 17.0#



#35

Methylcyclohexane

Concen: 0.956 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013655.D

Acq: 18 Nov 2019 13:28

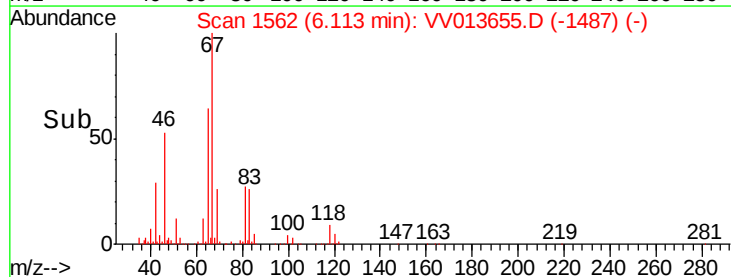
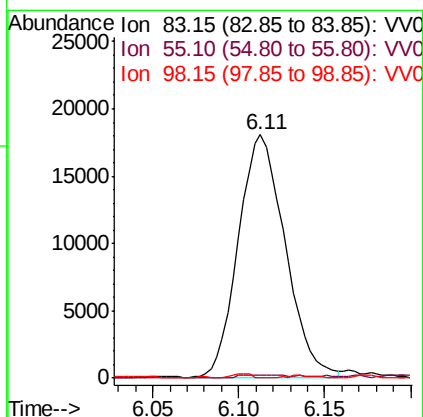
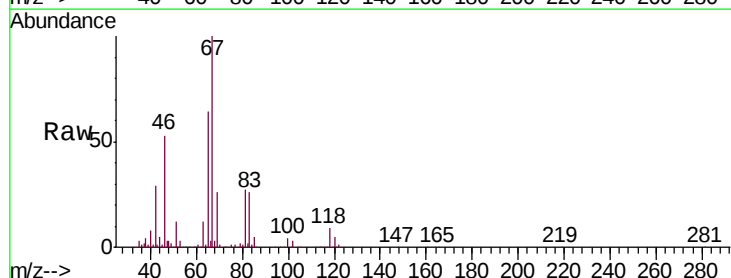
Tgt Ion: 83 Resp: 34399

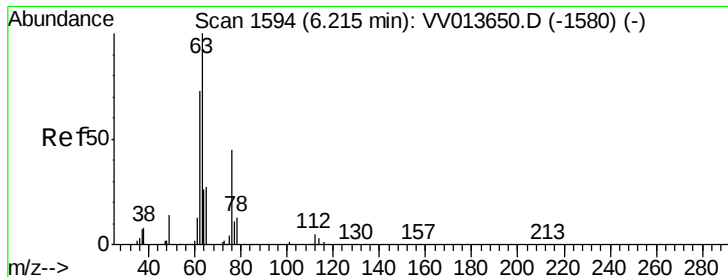
Ion Ratio Lower Upper

83 100

55 1.2 64.1 96.1#

98 0.7 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.776 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013655.D

Acq: 18 Nov 2019 13:28

Instrument :

MSVOA_V

ClientSampleId :

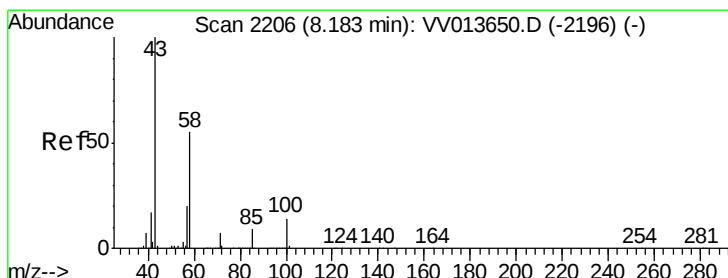
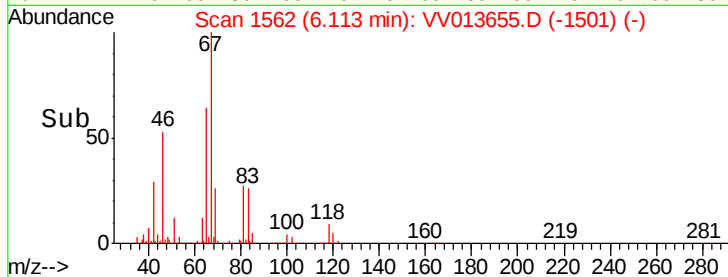
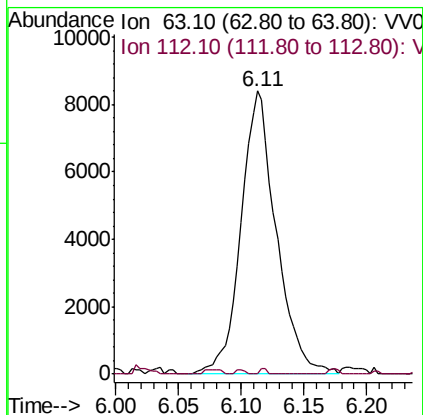
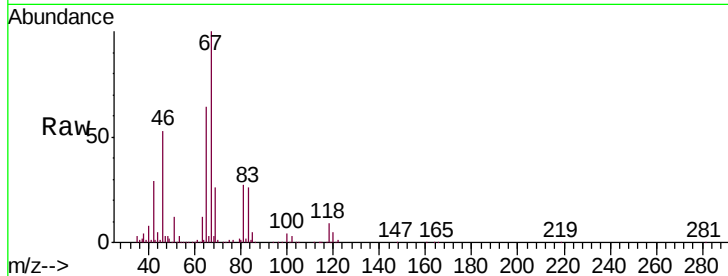
GAR27

Tgt Ion: 63 Resp: 16378

Ion Ratio Lower Upper

63 100

112 0.4 4.1 6.1#



#48

2-Hexanone

Concen: 1.186 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013655.D

Acq: 18 Nov 2019 13:28

Tgt Ion: 43 Resp: 10329

Ion Ratio Lower Upper

43 100

58 48.3 43.0 64.6

57 15.2 15.4 23.2#

100 16.2 10.1 15.1#

