

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025600.D
 Acq On : 23 Jul 2018 14:25
 Operator : MD/SY
 Sample : PB111343ZHE#06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111343ZHE#06

Quant Time: Jul 24 02:08:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 24 02:07:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	331862	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	312226	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	158885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67600	35.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.36%
7) Chloroethane-d5	1.68	69	61973	39.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.32%
11) 1,1-Dichloroethene-d2	2.27	63	120422	30.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.06%
21) 2-Butanone-d5	4.18	46	159592	109.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.11%
24) Chloroform-d	4.65	84	183472	43.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.96%
26) 1,2-Dichloroethane-d4	5.31	65	127444	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
32) Benzene-d6	5.35	84	350848	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.34	67	117498	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.08%
41) Toluene-d8	7.57	98	335025	43.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.26%
43) trans-1,3-Dichloropropene-	7.85	79	58314	44.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.50%
47) 2-Hexanone-d5	8.31	63	120401	111.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.44%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168650	46.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	145018	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%

Target Compounds

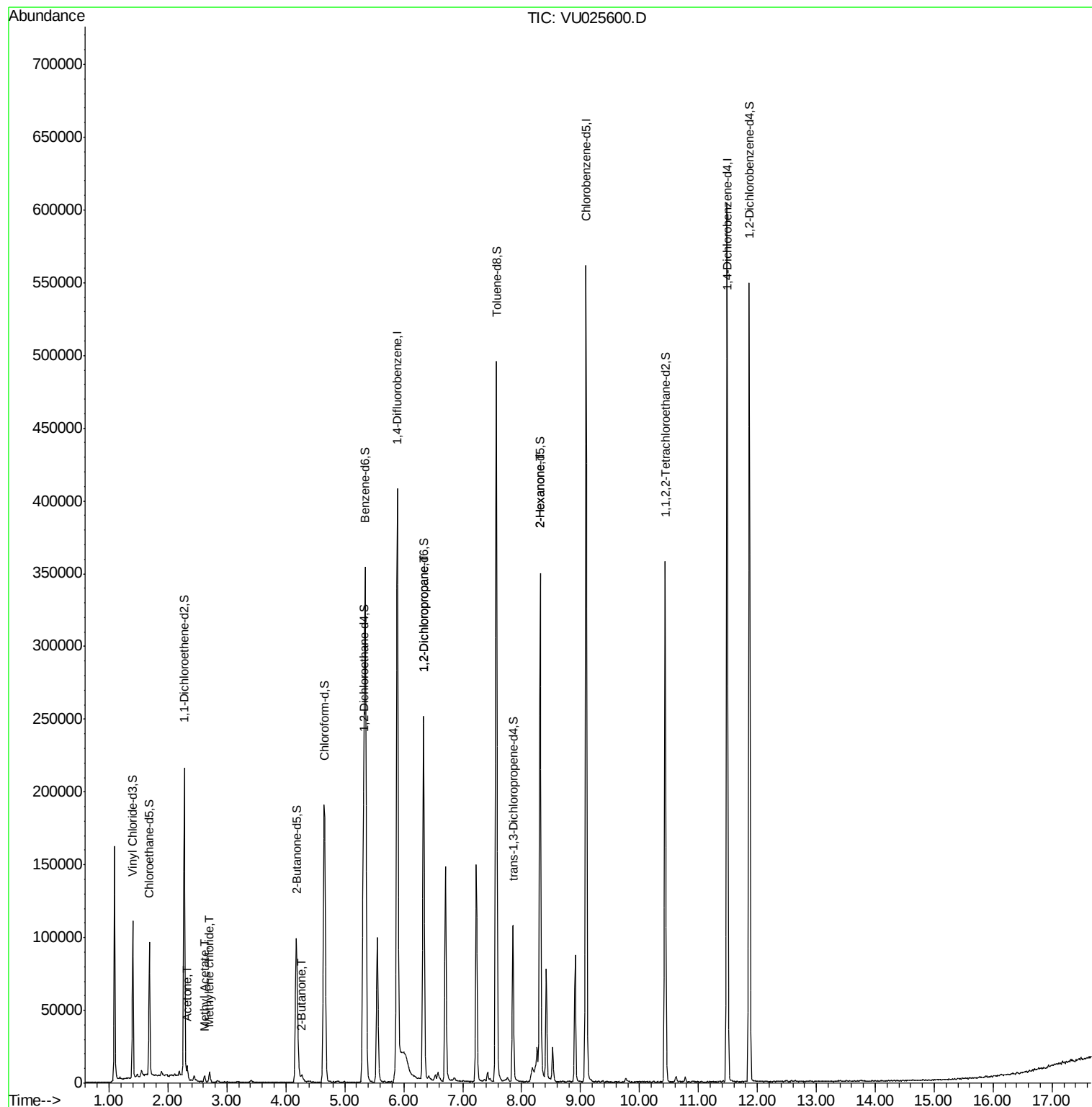
					Ovalue
13) Acetone	2.32	43	9878	5.754 ug/L	91
15) Methyl Acetate	2.62	43	4875	2.054 ug/L	93
16) Methylene chloride	2.71	84	3137	1.345 ug/L	91
22) 2-Butanone	4.27	43	5874	3.073 ug/L	81
37) 1,2-Dichloropropane	6.34	63	13739	5.604 ug/L #	88
48) 2-Hexanone	8.31	43	14893	5.475 ug/L #	66

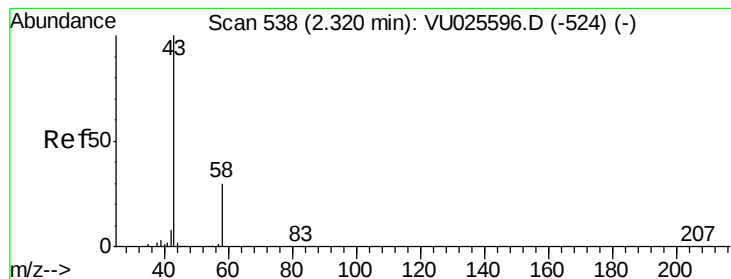
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.754 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025600.D

Acq: 23 Jul 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

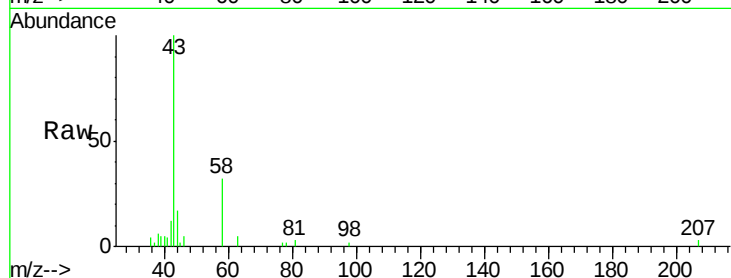
PB111343ZHE#06

Tot Ion: 43 Resp: 9878

Ion Ratio Lower Upper

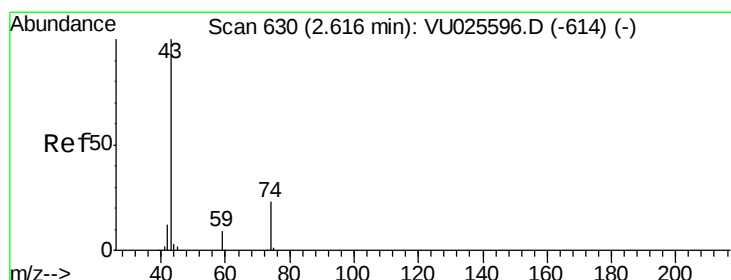
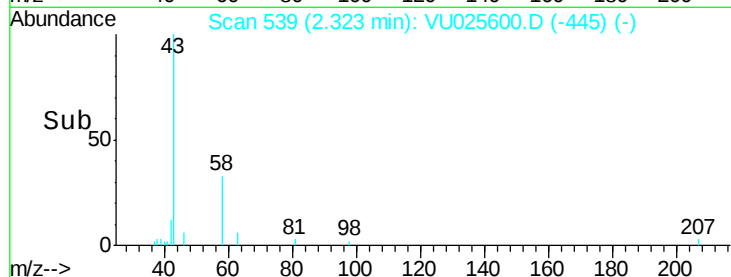
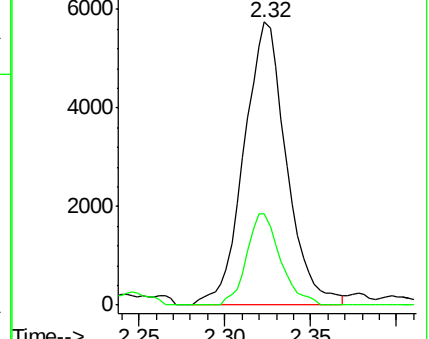
43 100

58 25.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 2.054 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025600.D

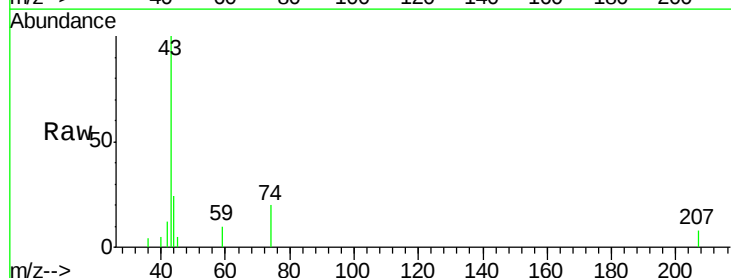
Acq: 23 Jul 2018 14:25

Tgt Ion: 43 Resp: 4875

Ion Ratio Lower Upper

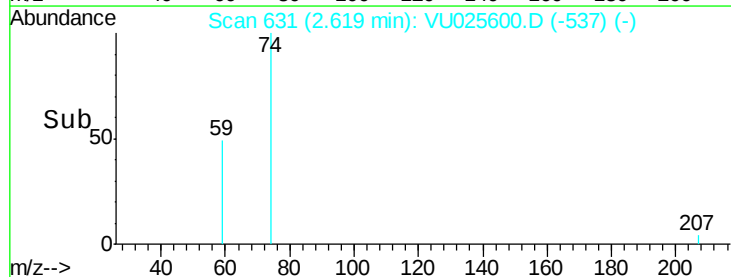
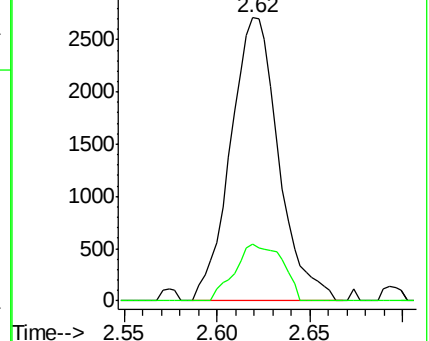
43 100

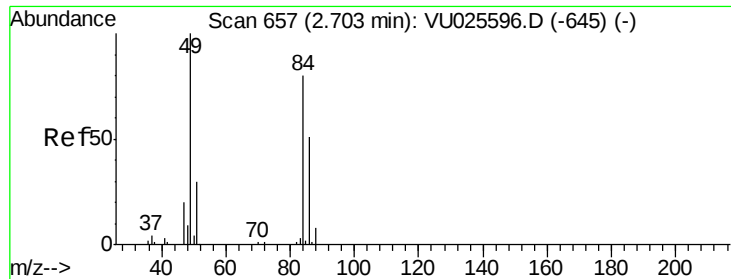
74 19.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

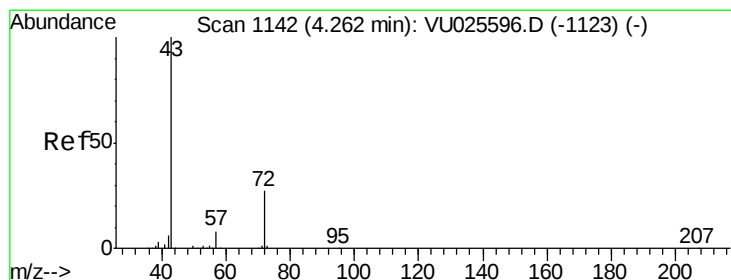
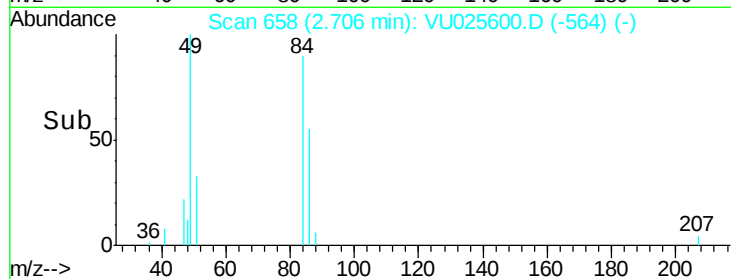
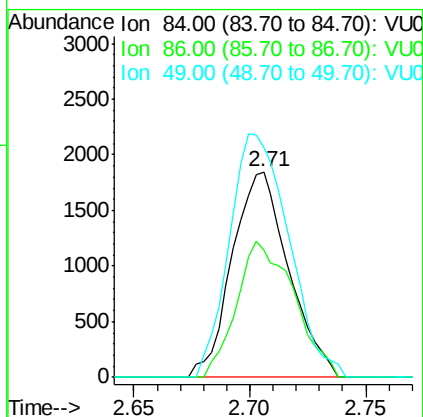
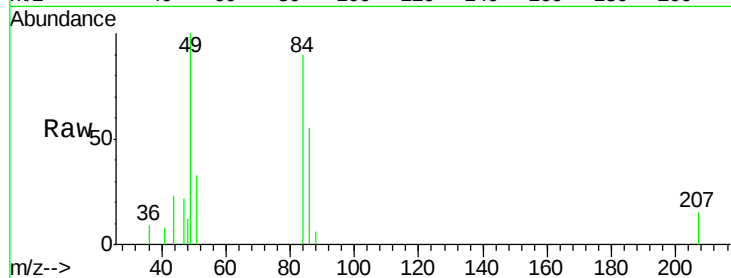




#16
Methylene chloride
Concen: 1.345 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025600.D
Acq: 23 Jul 2018 14:25

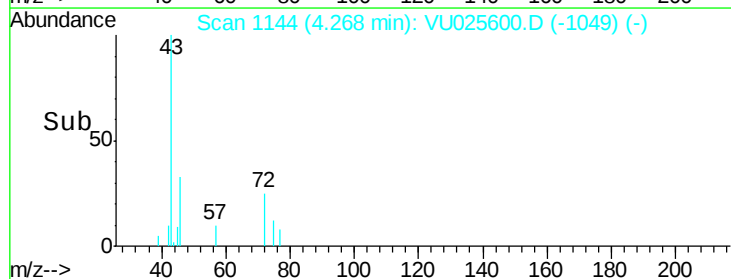
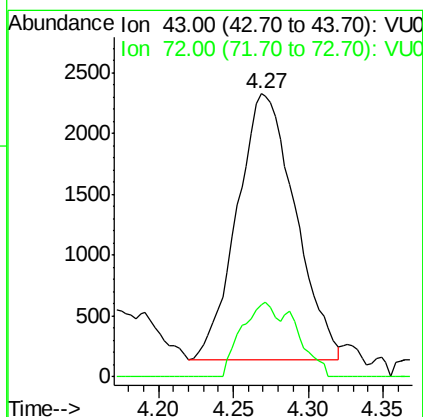
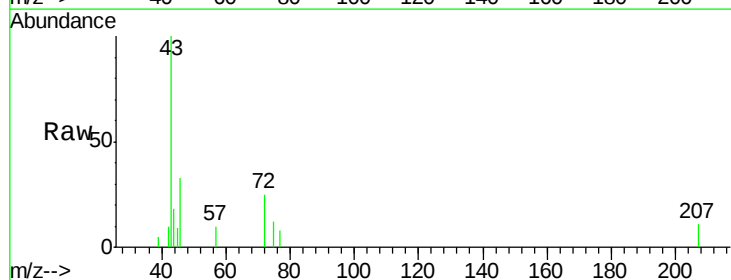
Instrument :
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PB111343ZHE#06

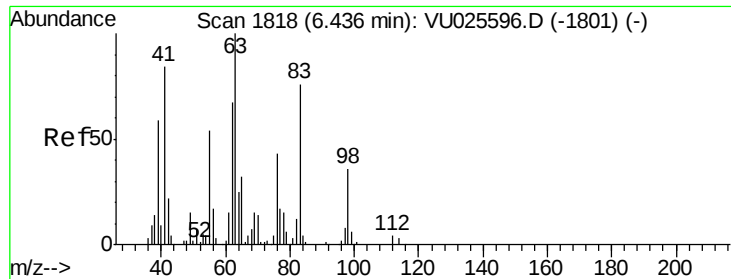
Tot Ion: 84 Resp: 3137
Ion Ratio Lower Upper
84 100
86 61.6 45.6 84.6
49 111.5 87.0 161.6



#22
2-Butanone
Concen: 3.073 ug/L
RT: 4.27 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VU025600.D
Acq: 23 Jul 2018 14:25

Tgt Ion: 43 Resp: 5874
Ion Ratio Lower Upper
43 100
72 17.5 13.6 40.8





#37

1,2-Dichloropropane

Concen: 5.604 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025600.D

Acq: 23 Jul 2018 14:25

Instrument :

MSVOA_U

ClientSampleId :

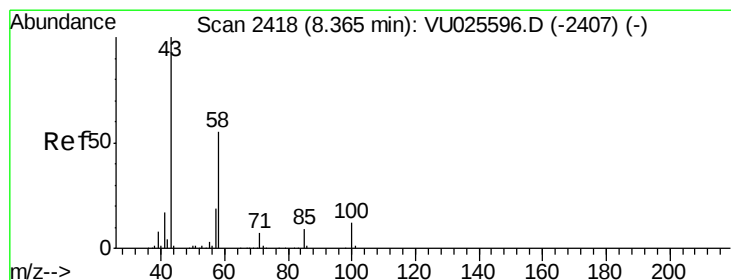
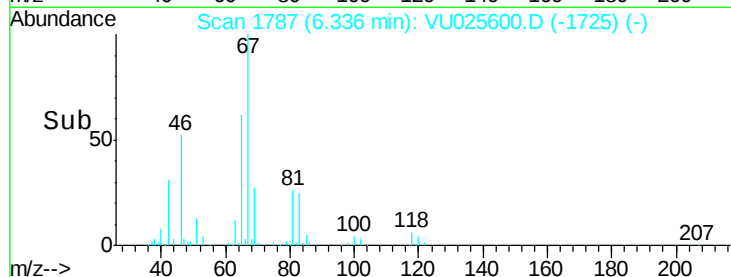
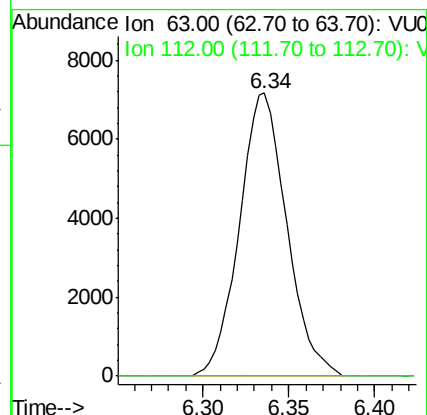
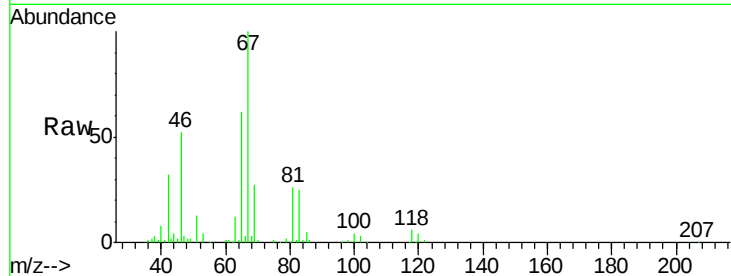
PB111343ZHE#06

Tot Ion: 63 Resp: 13739

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#48

2-Hexanone

Concen: 5.475 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU025600.D

Acq: 23 Jul 2018 14:25

Tgt Ion: 43 Resp: 14893

Ion Ratio Lower Upper

43 100

58 22.2 42.9 64.3#

57 23.8 15.4 23.2#

100 0.0 9.6 14.4#

