

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025604.D
 Acq On : 23 Jul 2018 15:58
 Operator : MD/SY
 Sample : PB111343ZHE#10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111343ZHE#10

Quant Time: Jul 24 02:08:57 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	320213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	300598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148770	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67286	36.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.62%
7) Chloroethane-d5	1.68	69	60100	39.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.72%
11) 1,1-Dichloroethene-d2	2.27	63	109095	28.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.34%#
21) 2-Butanone-d5	4.18	46	157899	111.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.88%
24) Chloroform-d	4.65	84	177417	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.14%
26) 1,2-Dichloroethane-d4	5.31	65	124174	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
32) Benzene-d6	5.35	84	340229	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
36) 1,2-Dichloropropane-d6	6.34	67	115093	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.66%
41) Toluene-d8	7.57	98	319621	43.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.46%
43) trans-1,3-Dichloropropene-	7.85	79	55501	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.48%
47) 2-Hexanone-d5	8.31	63	118064	113.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	164396	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	142386	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%

Target Compounds

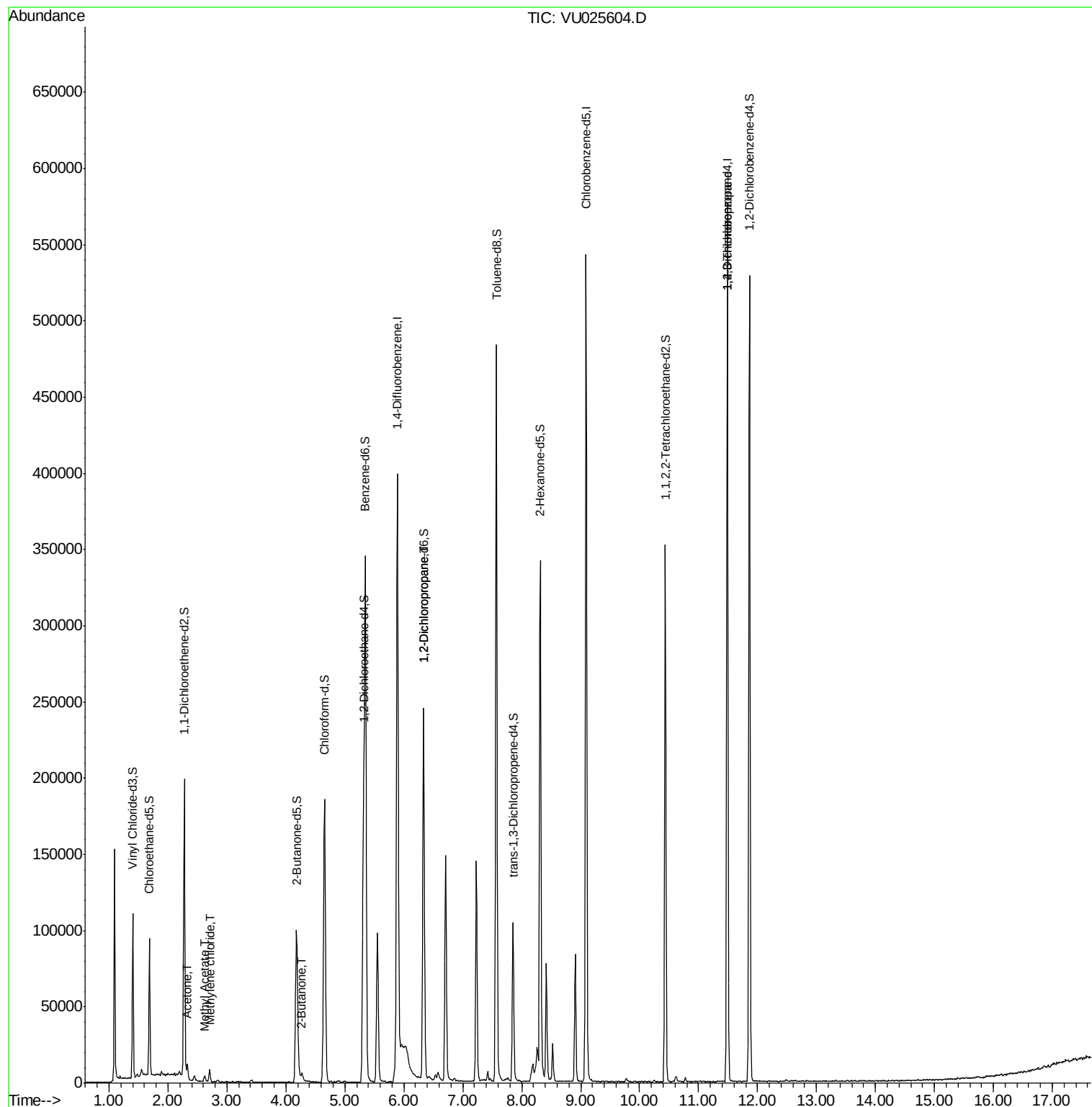
					Ovalue
13) Acetone	2.32	43	9479	5.722 ug/L	98
15) Methyl Acetate	2.62	43	4675	2.042 ug/L #	81
16) Methylene chloride	2.71	84	3553	1.578 ug/L	86
22) 2-Butanone	4.27	43	7121	3.861 ug/L	90
37) 1,2-Dichloropropane	6.34	63	13087	5.545 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	15843	5.715 ug/L #	82

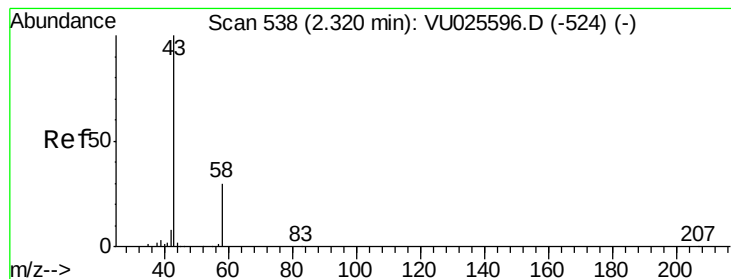
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.722 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025604.D

Acq: 23 Jul 2018 15:58

Instrument :

MSVOA_U

ClientSampleId :

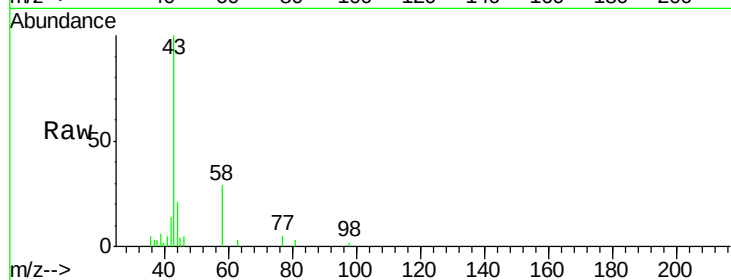
PB111343ZHE#10

Tot Ion: 43 Resp: 9479

Ion Ratio Lower Upper

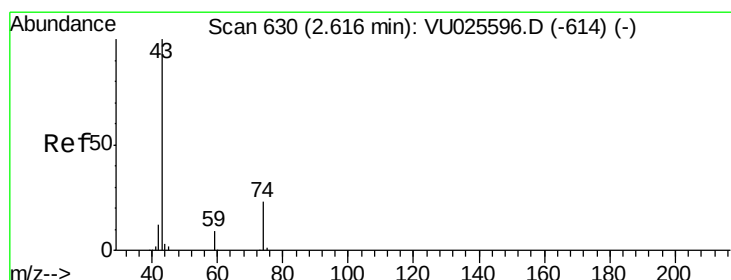
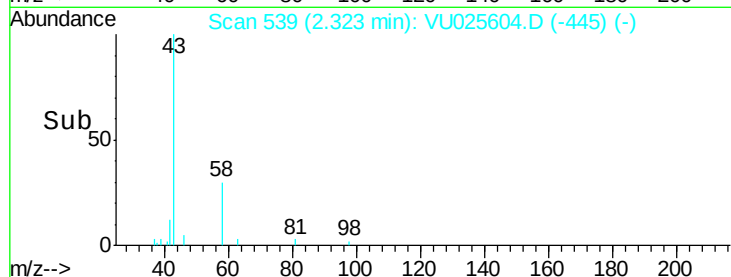
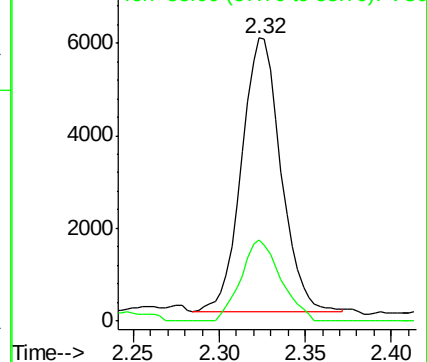
43 100

58 29.8 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: 2.042 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025604.D

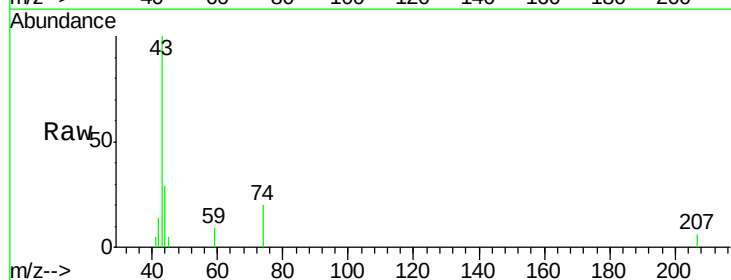
Acq: 23 Jul 2018 15:58

Tgt Ion: 43 Resp: 4675

Ion Ratio Lower Upper

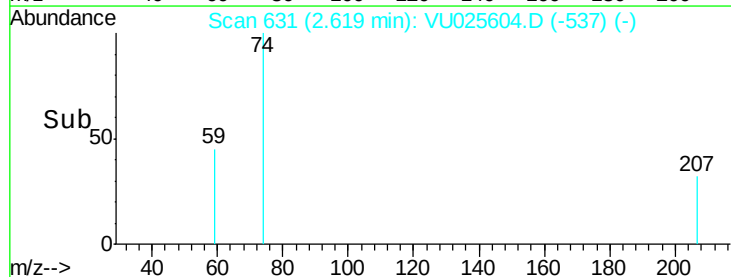
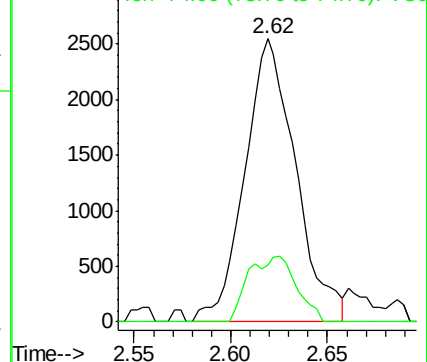
43 100

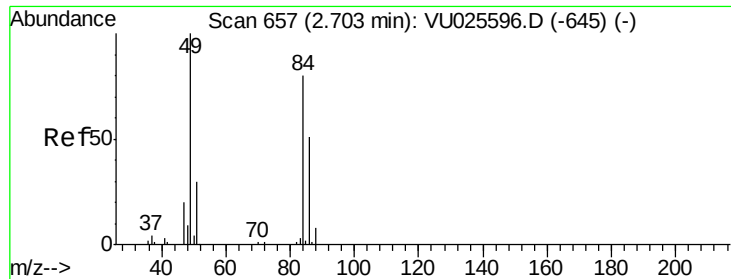
74 13.8 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

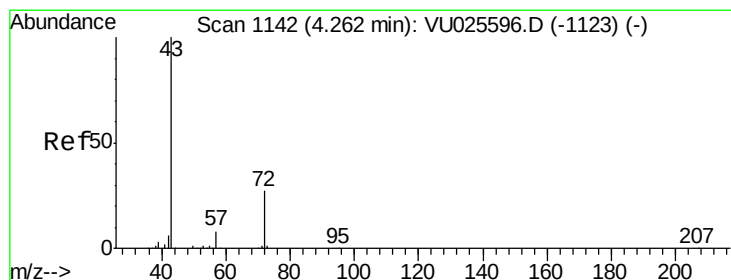
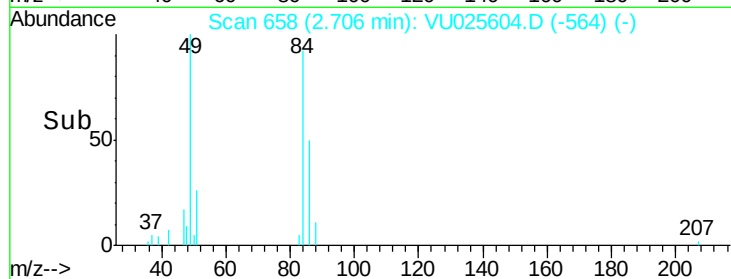
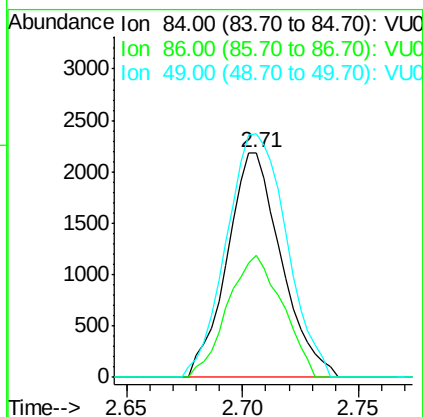
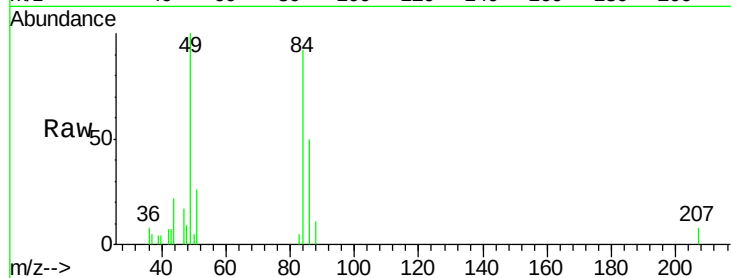




#16
Methvlene chloride
Concen: 1.578 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025604.D
Acq: 23 Jul 2018 15:58

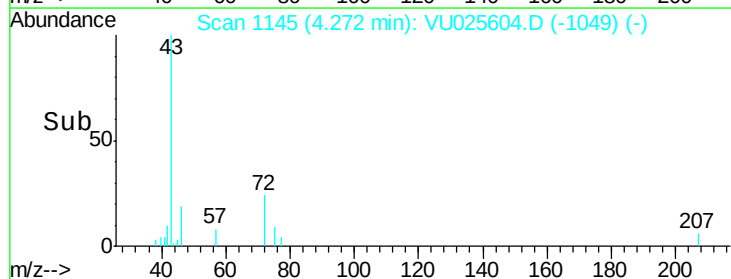
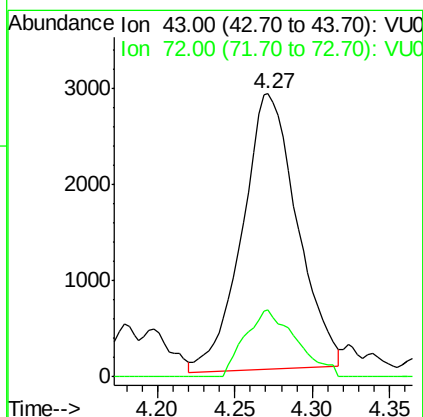
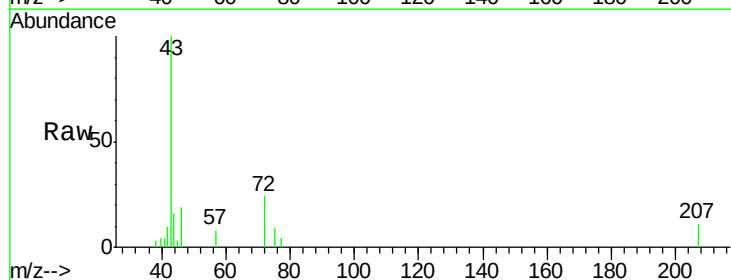
Instrument :
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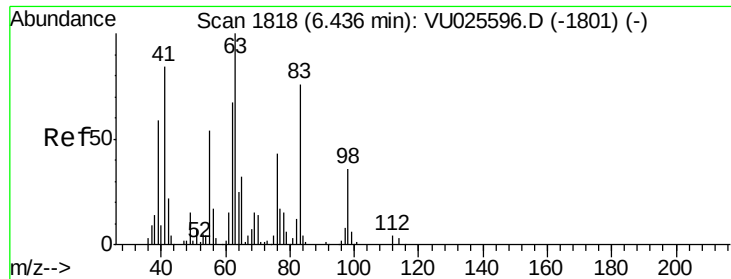
Tot Ion: 84 Resp: 3553
Ion Ratio Lower Upper
84 100
86 54.1 45.6 84.6
49 108.4 87.0 161.6



#22
2-Butanone
Concen: 3.861 ug/L
RT: 4.27 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VU025604.D
Acq: 23 Jul 2018 15:58

Tgt Ion: 43 Resp: 7121
Ion Ratio Lower Upper
43 100
72 22.2 13.6 40.8

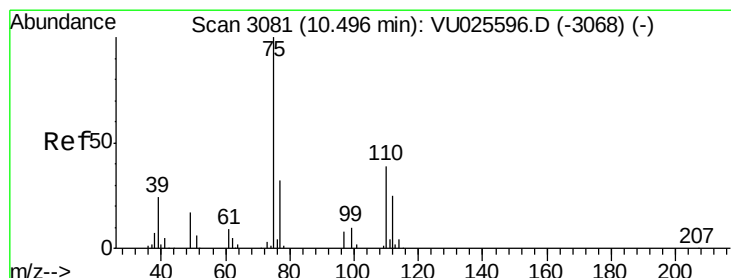
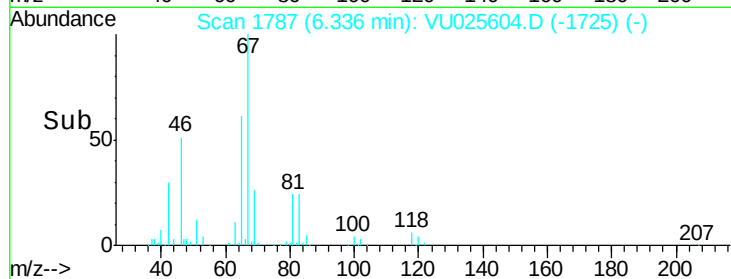
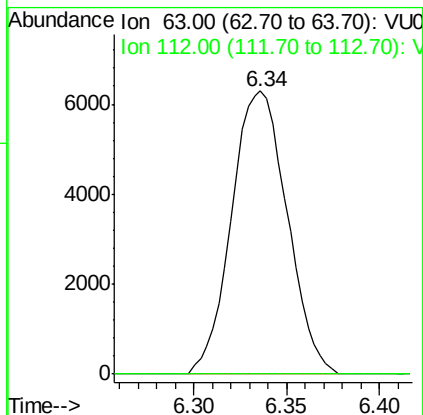
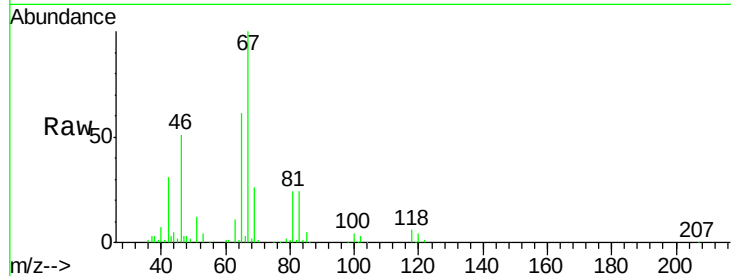




#37
 1,2-Dichloropropane
 Concen: 5.545 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025604.D
 Acq: 23 Jul 2018 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111343ZHE#10

Tot Ion: 63 Resp: 13087
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.715 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025604.D
 Acq: 23 Jul 2018 15:58

Tgt Ion: 75 Resp: 15843
 Ion Ratio Lower Upper
 75 100
 77 42.6 25.8 38.8#

