

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025602.D
 Acq On : 23 Jul 2018 15:11
 Operator : MD/SY
 Sample : PB111343ZHE#08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111343ZHE#08

Quant Time: Jul 24 02:08:50 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	329870	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	305903	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	157478	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67743	35.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.94%
7) Chloroethane-d5	1.68	69	61958	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.78%
11) 1,1-Dichloroethene-d2	2.27	63	116688	29.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.52%#
21) 2-Butanone-d5	4.18	46	161426	111.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.03%
24) Chloroform-d	4.65	84	181971	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	5.31	65	127110	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
32) Benzene-d6	5.35	84	344163	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
36) 1,2-Dichloropropane-d6	6.34	67	116040	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.80%
41) Toluene-d8	7.57	98	328951	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.85	79	57751	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.31	63	118936	112.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.36%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	167755	47.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	144539	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%

Target Compounds

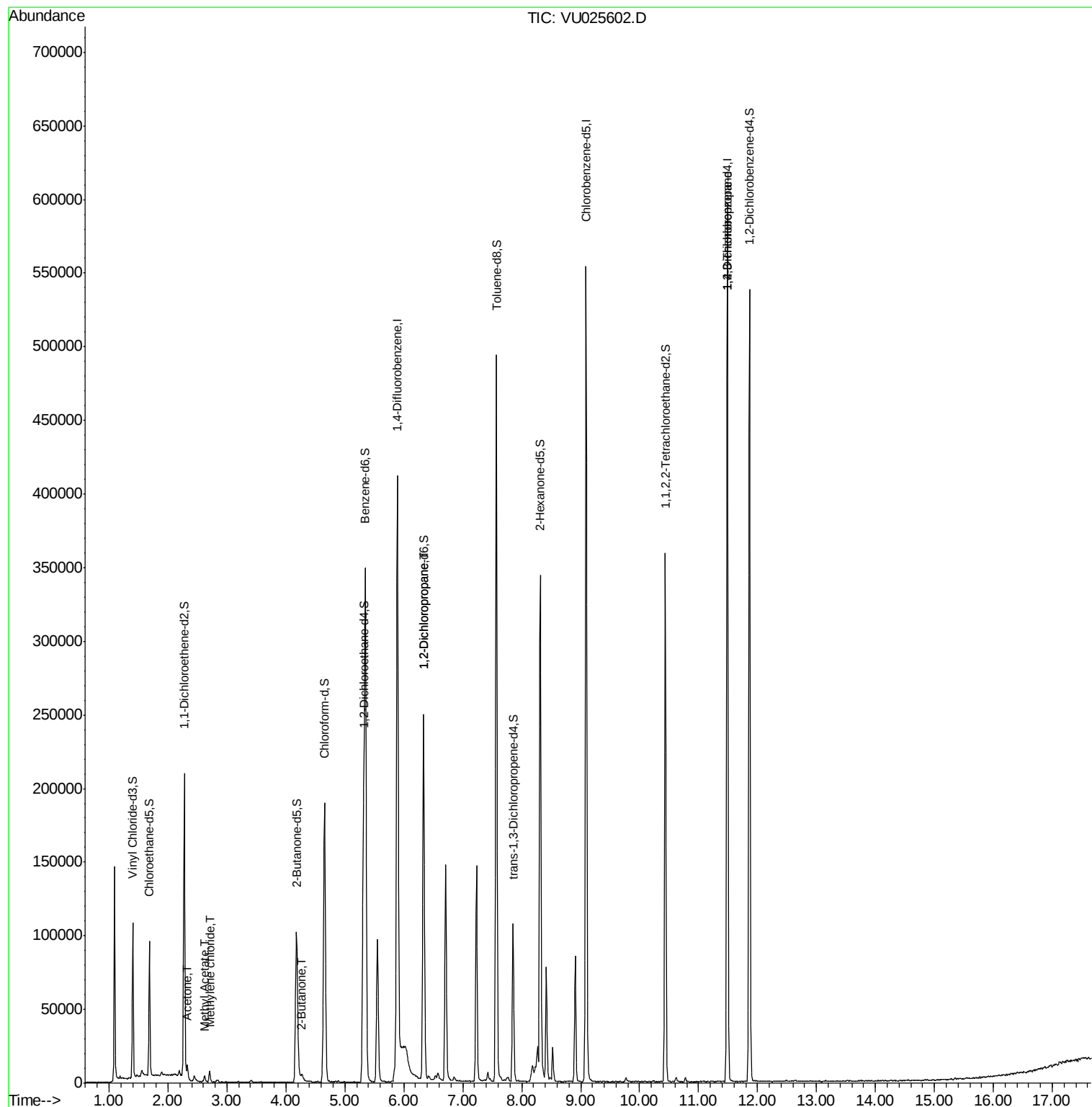
					Ovalue
13) Acetone	2.32	43	9583	5.616	ug/L 95
15) Methyl Acetate	2.62	43	4722	2.002	ug/L 99
16) Methylene chloride	2.71	84	3182	1.372	ug/L 94
22) 2-Butanone	4.27	43	7024	3.697	ug/L 75
37) 1,2-Dichloropropane	6.33	63	13198	5.495	ug/L # 88
59) 1,2,3-Trichloropropane	11.49	75	16441	5.828	ug/L # 83

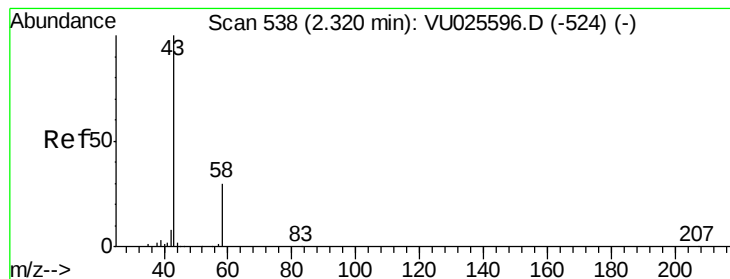
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072318\
Data File : VU025602.D
Acq On : 23 Jul 2018 15:11
Operator : MD/SY
Sample : PB111343ZHE#08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PB111343ZHE#08

Quant Time: Jul 24 02:08:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 24 02:07:37 2018
Response via : Initial Calibration





#13

Acetone

Concen: 5.616 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025602.D

Acq: 23 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

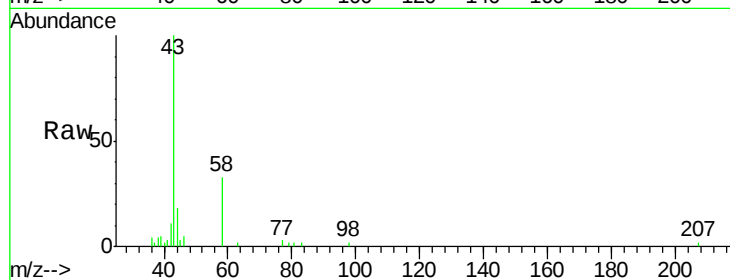
PB111343ZHE#08

Tot Ion: 43 Resp: 9583

Ion Ratio Lower Upper

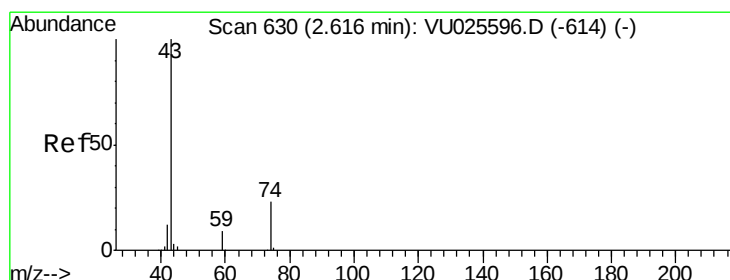
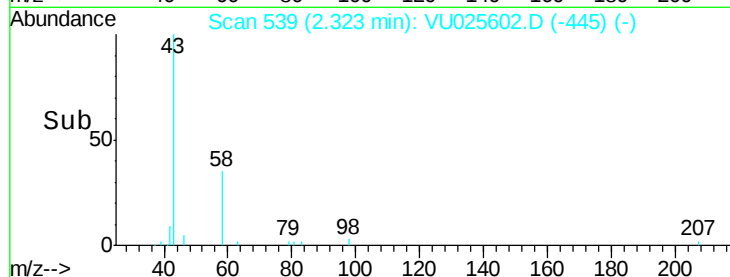
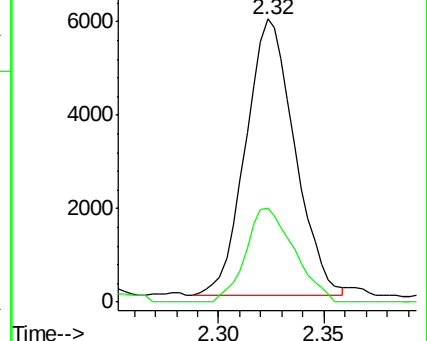
43 100

58 33.4 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: 2.002 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025602.D

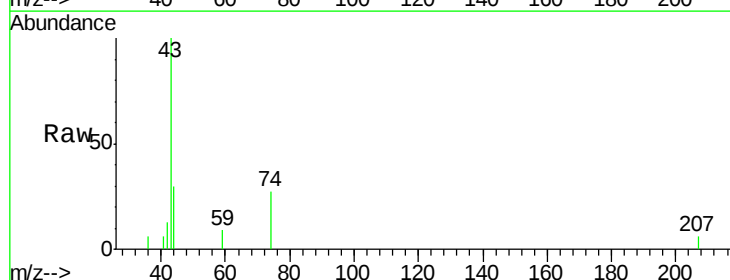
Acq: 23 Jul 2018 15:11

Tgt Ion: 43 Resp: 4722

Ion Ratio Lower Upper

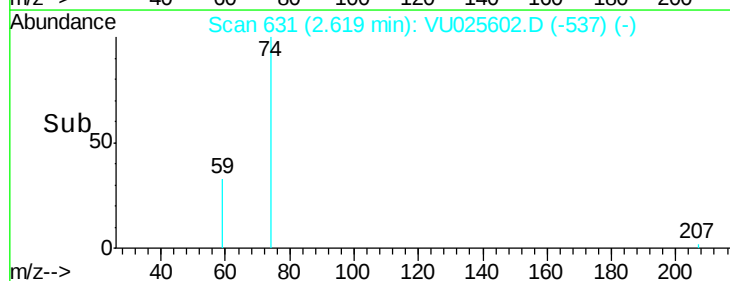
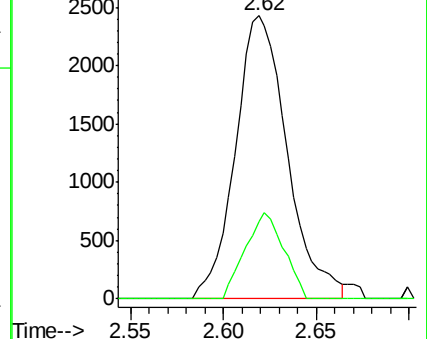
43 100

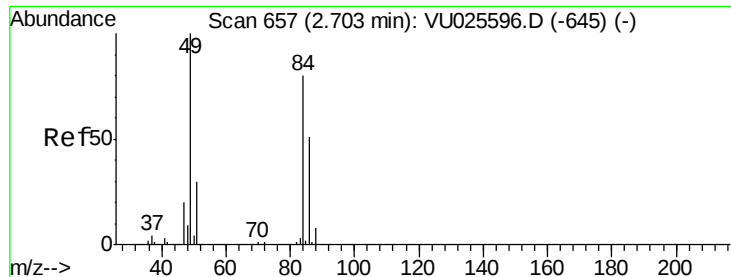
74 22.6 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

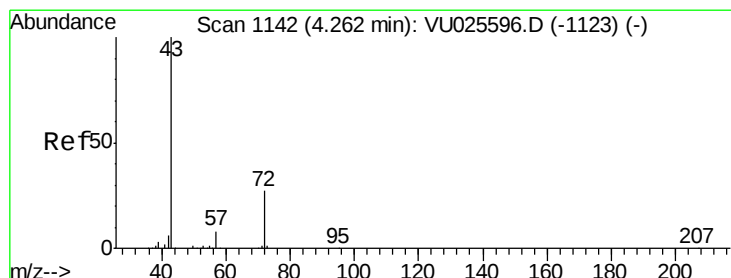
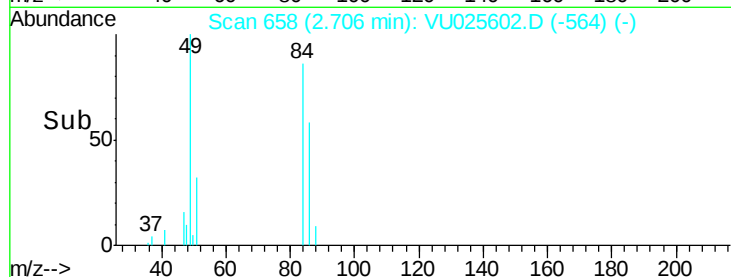
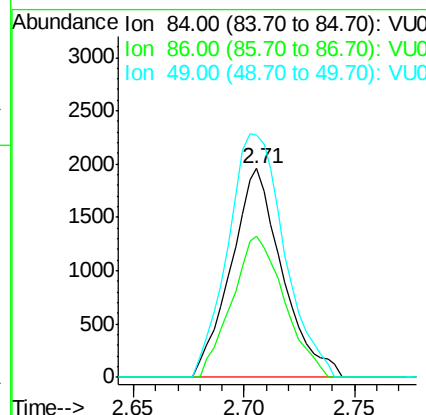
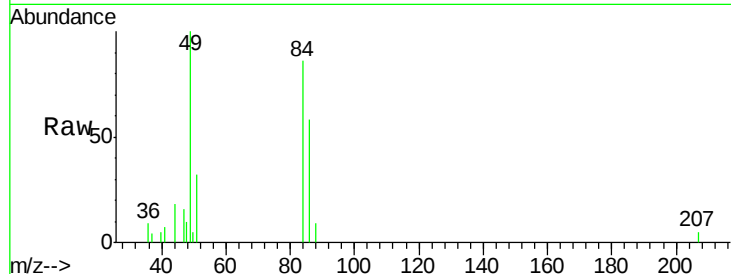




#16
Methvlene chloride
Concen: 1.372 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025602.D
Acq: 23 Jul 2018 15:11

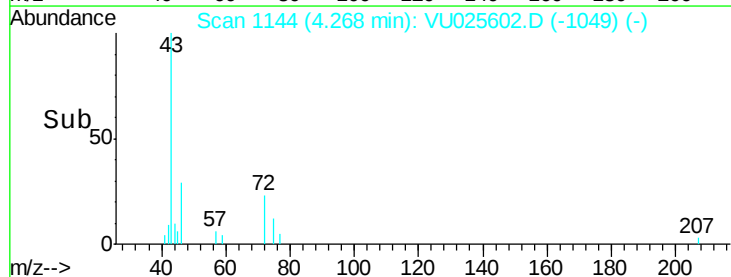
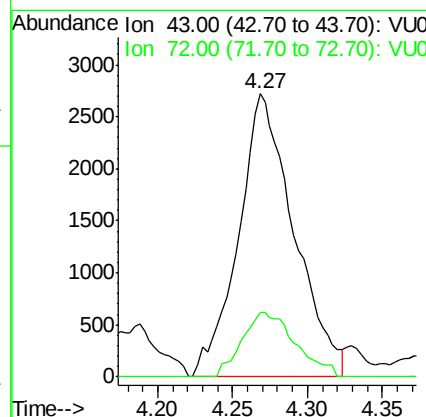
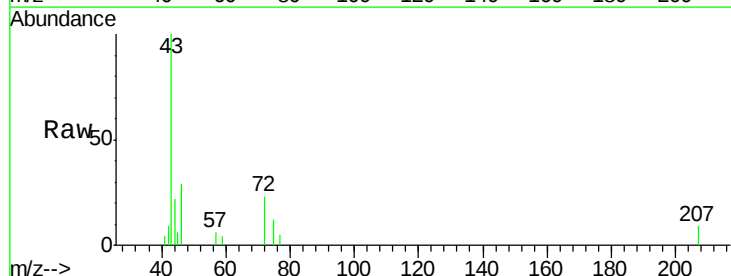
Instrument :
MSVOA_U
ClientSampleId :
PB111343ZHE#08

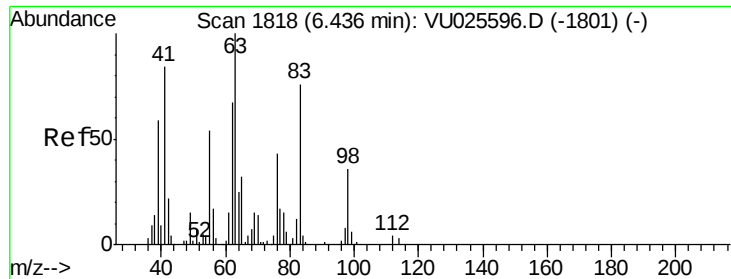
Tot Ion: 84 Resp: 3182
Ion Ratio Lower Upper
84 100
86 67.5 45.6 84.6
49 116.2 87.0 161.6



#22
2-Butanone
Concen: 3.697 ug/L
RT: 4.27 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VU025602.D
Acq: 23 Jul 2018 15:11

Tgt Ion: 43 Resp: 7024
Ion Ratio Lower Upper
43 100
72 14.2 13.6 40.8

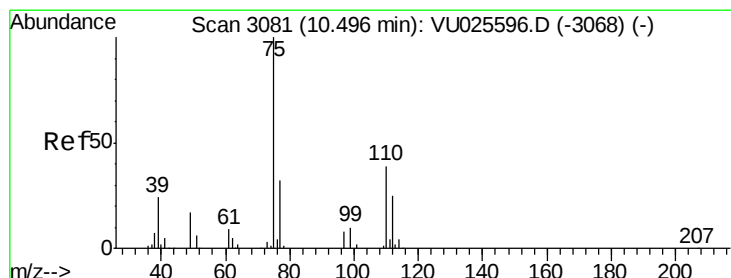
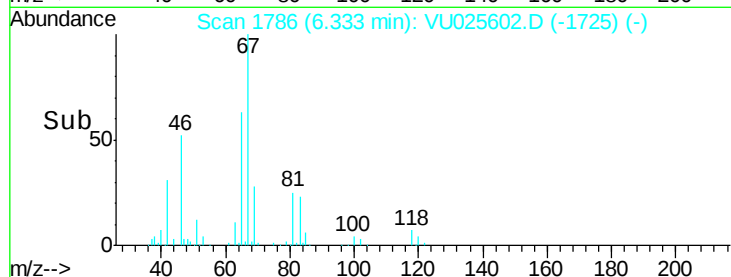
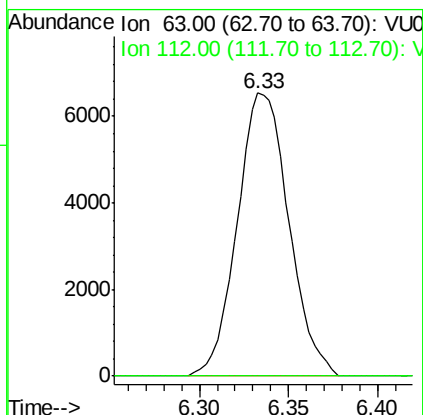
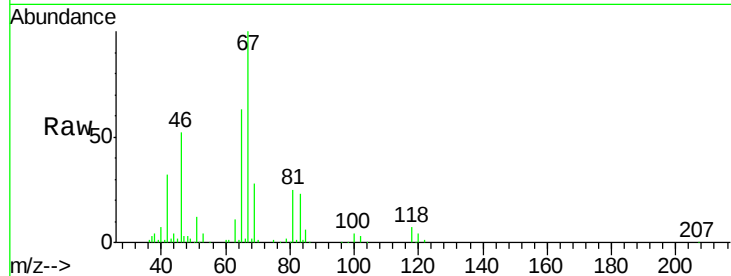




#37
 1,2-Dichloropropane
 Concen: 5.495 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025602.D
 Acq: 23 Jul 2018 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111343ZHE#08

Tot Ion: 63 Resp: 13198
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.828 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025602.D
 Acq: 23 Jul 2018 15:11

Tgt Ion: 75 Resp: 16441
 Ion Ratio Lower Upper
 75 100
 77 41.9 25.8 38.8#

