

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025616.D
 Acq On : 23 Jul 2018 21:01
 Operator : MD/SY
 Sample : VLEB#03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB#03

Quant Time: Jul 24 02:10:32 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	315389	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	293819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	152594	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95646	53.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.24%
7) Chloroethane-d5	1.68	69	74976	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.96%
11) 1,1-Dichloroethene-d2	2.27	63	140046	37.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.72%
21) 2-Butanone-d5	4.18	46	173323	124.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.69%
24) Chloroform-d	4.65	84	198194	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	5.31	65	139597	52.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.26%
32) Benzene-d6	5.35	84	387095	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
36) 1,2-Dichloropropane-d6	6.34	67	124775	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.78%
41) Toluene-d8	7.57	98	371226	51.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.74%
43) trans-1,3-Dichloropropene-	7.85	79	62143	50.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.20%
47) 2-Hexanone-d5	8.31	63	132670	130.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.49%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	178848	52.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	159350	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

Target Compounds

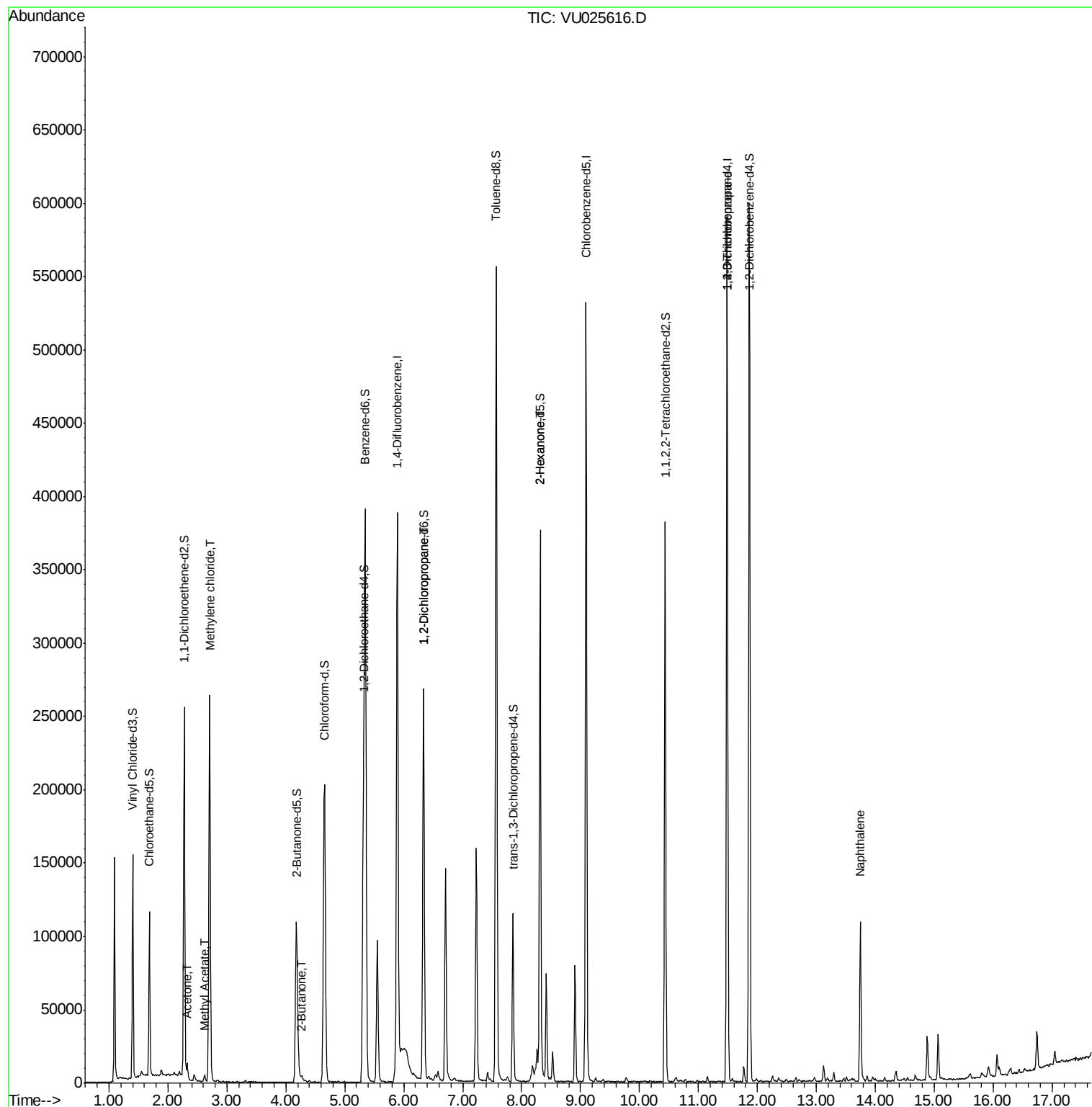
					Ovalue
13) Acetone	2.32	43	9043	5.543	ug/L 99
15) Methyl Acetate	2.62	43	5398	2.393	ug/L 93
16) Methylene chloride	2.70	84	115191	51.953	ug/L 98
22) 2-Butanone	4.27	43	4035	2.222	ug/L 77
37) 1,2-Dichloropropane	6.34	63	14304	6.200	ug/L # 88
48) 2-Hexanone	8.31	43	15016	5.866	ug/L # 65
59) 1,2,3-Trichloropropane	11.49	75	16777	6.191	ug/L 89
69) Naphthalene	13.75	128	90249	9.584	ug/L 99

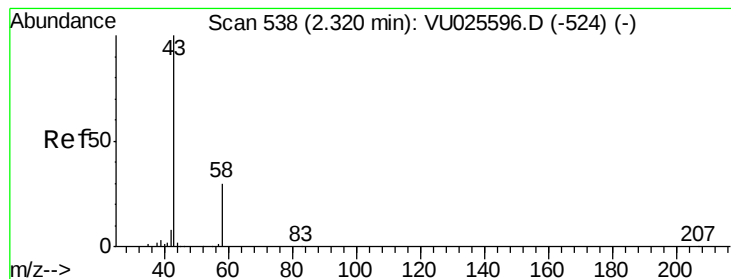
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.543 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025616.D

Acq: 23 Jul 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

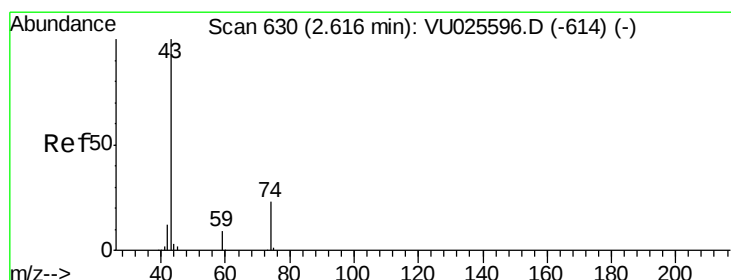
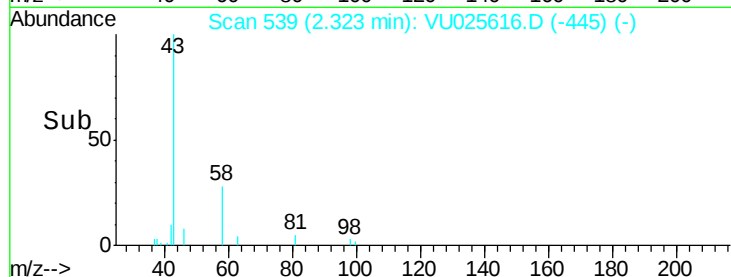
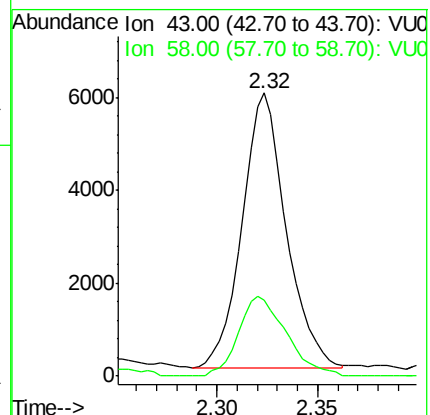
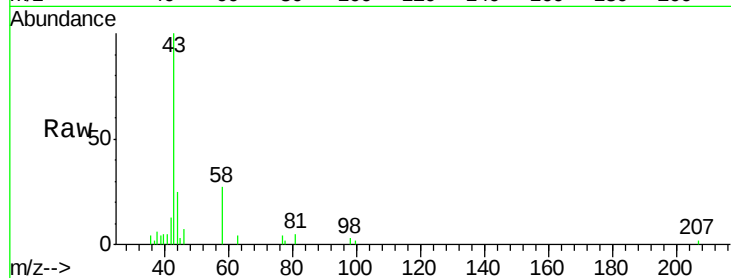
VLEB#03

Tot Ion: 43 Resp: 9043

Ion Ratio Lower Upper

43 100

58 31.4 0.0 61.2



#15

Methyl Acetate

Concen: 2.393 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025616.D

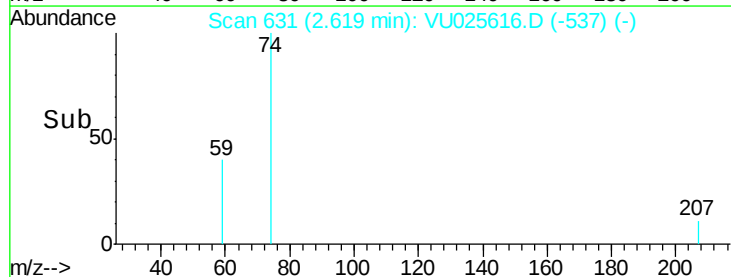
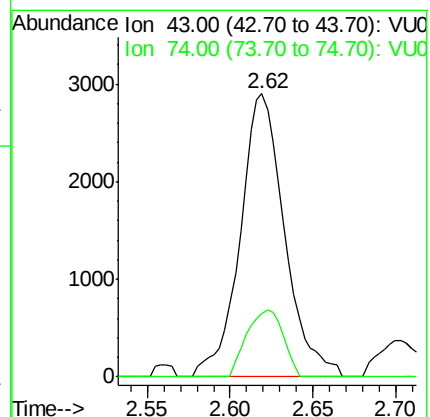
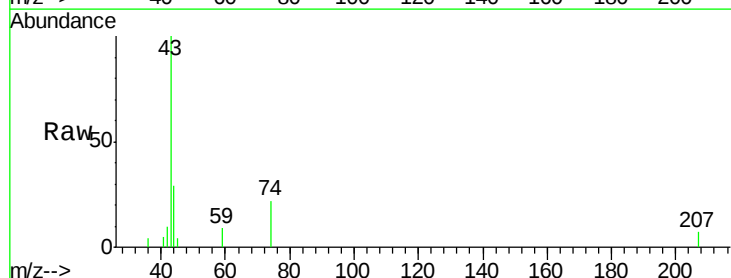
Acq: 23 Jul 2018 21:01

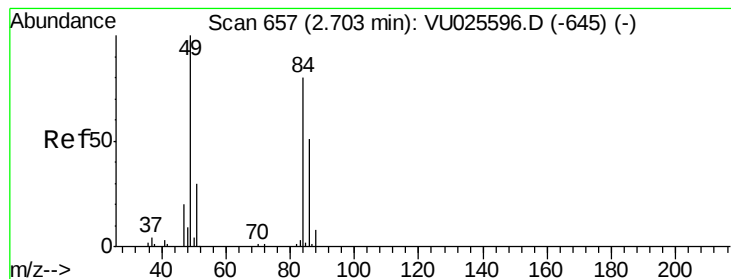
Tgt Ion: 43 Resp: 5398

Ion Ratio Lower Upper

43 100

74 19.4 18.3 27.5





#16

Methvlene chloride

Concen: 51.953 ug/L

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU025616.D

Acq: 23 Jul 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

VLEB#03

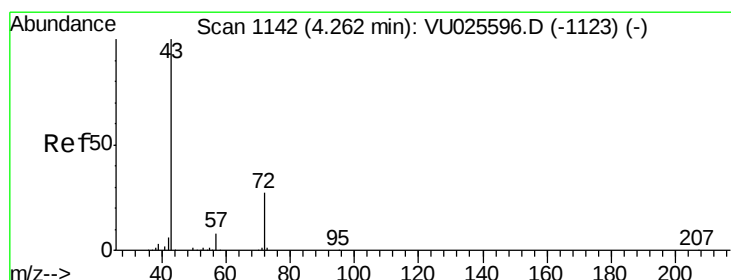
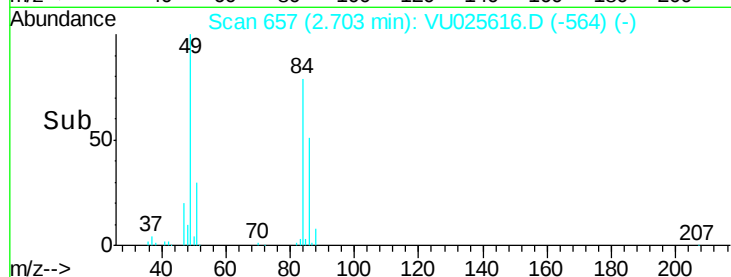
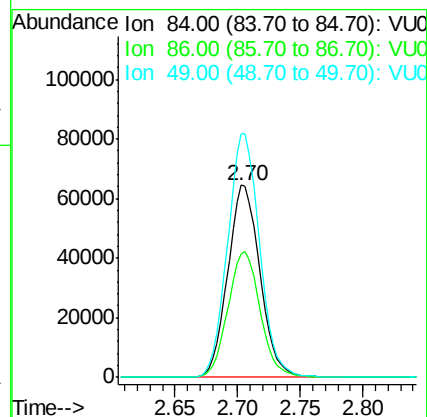
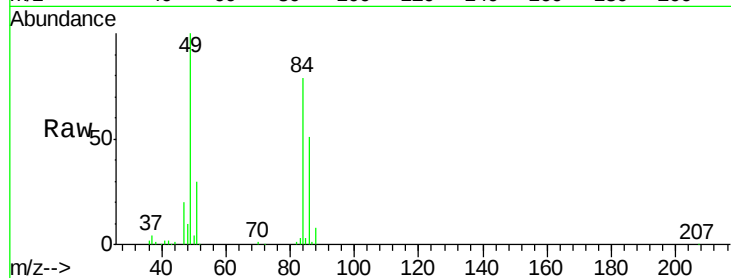
Tot Ion: 84 Resp: 115191

Ion Ratio Lower Upper

84 100

86 64.5 45.6 84.6

49 126.6 87.0 161.6



#22

2-Butanone

Concen: 2.222 ug/L

RT: 4.27 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VU025616.D

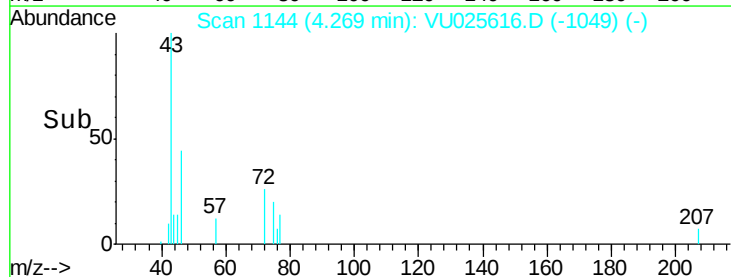
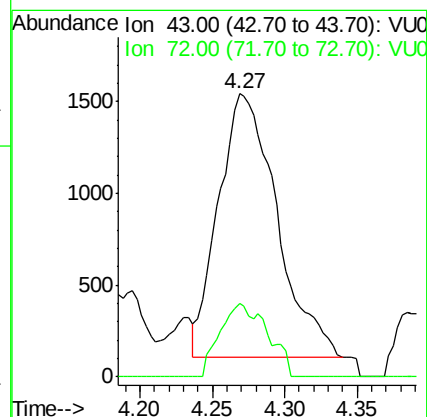
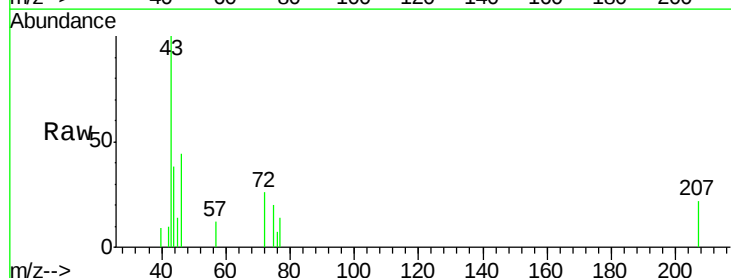
Acq: 23 Jul 2018 21:01

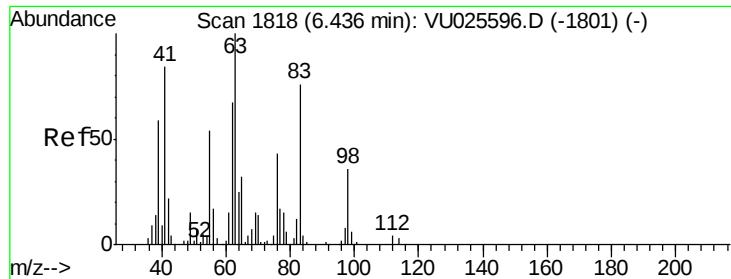
Tgt Ion: 43 Resp: 4035

Ion Ratio Lower Upper

43 100

72 15.2 13.6 40.8

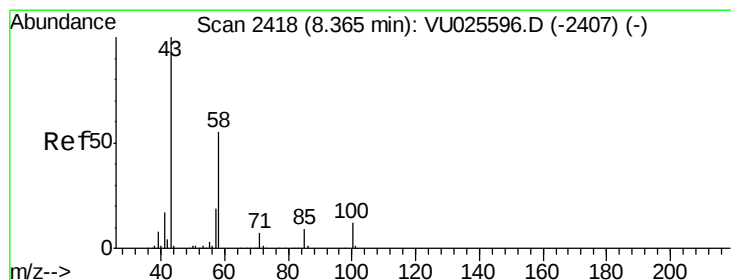
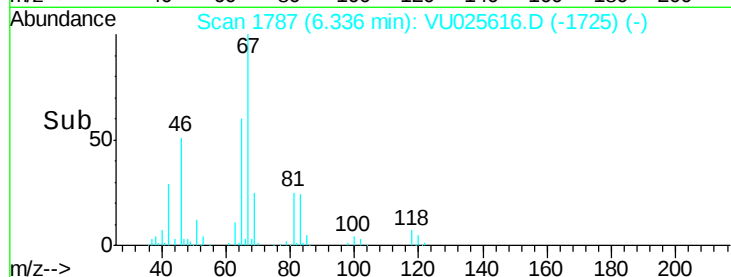
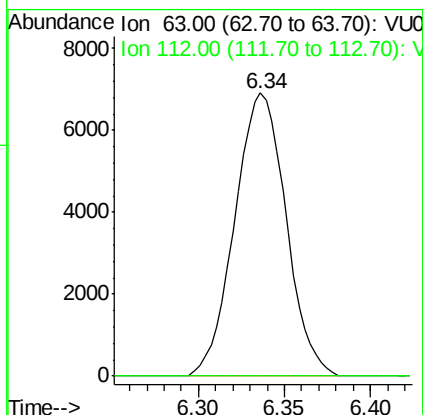
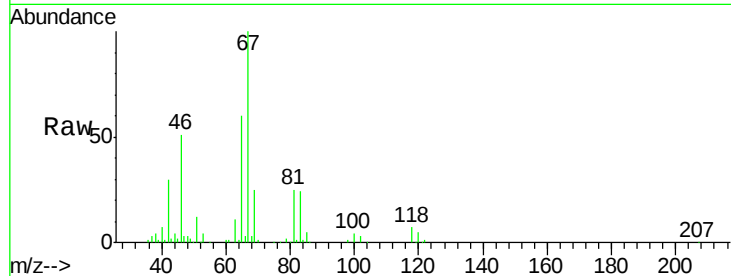




#37
 1,2-Dichloropropane
 Concen: 6.200 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025616.D
 Acq: 23 Jul 2018 21:01

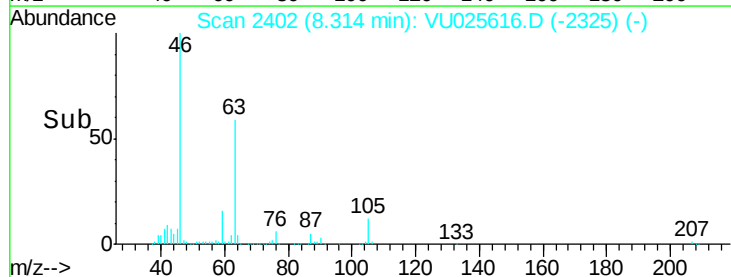
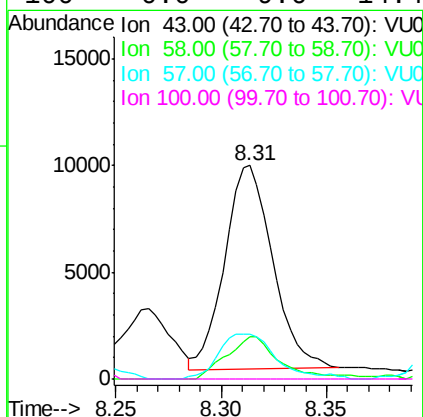
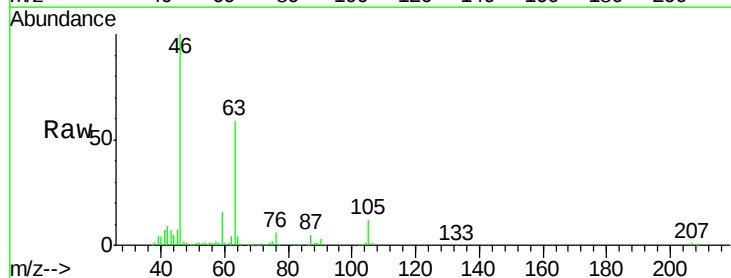
Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB#03

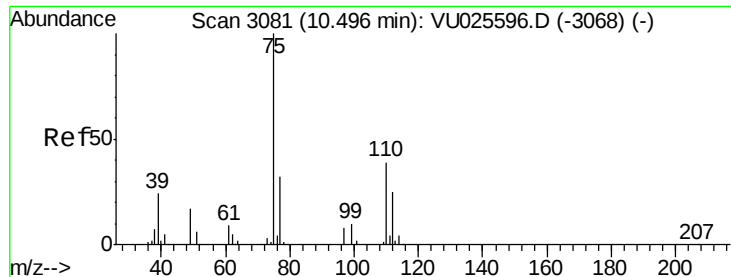
Tot Ion: 63 Resp: 14304
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#48
 2-Hexanone
 Concen: 5.866 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU025616.D
 Acq: 23 Jul 2018 21:01

Tgt Ion: 43 Resp: 15016
 Ion Ratio Lower Upper
 43 100
 58 23.3 42.9 64.3#
 57 26.1 15.4 23.2#
 100 0.0 9.6 14.4#





#59

1,2,3-Trichloropropane

Concen: 6.191 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025616.D

Acq: 23 Jul 2018 21:01

Instrument :

MSVOA_U

ClientSampled :

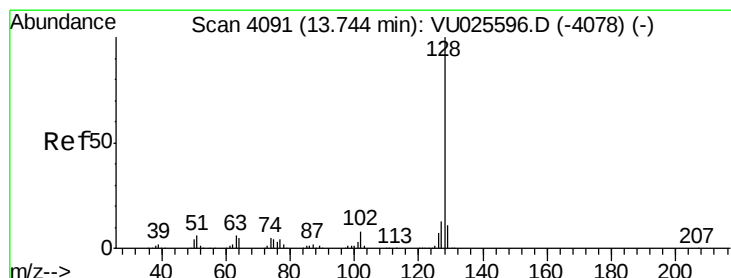
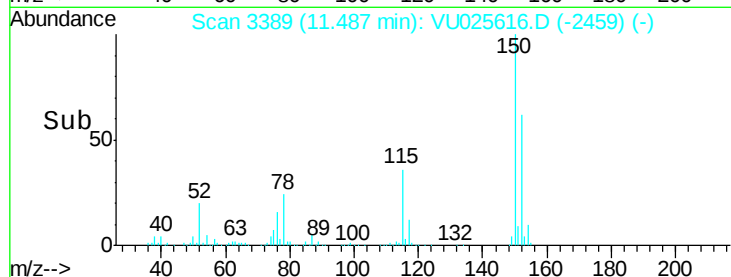
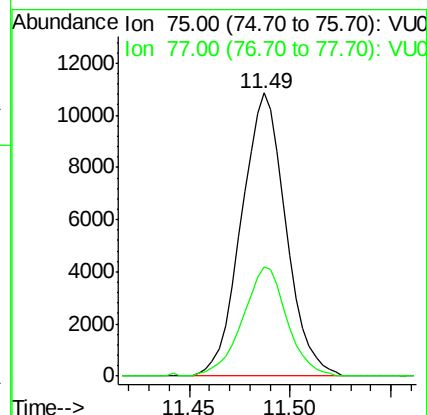
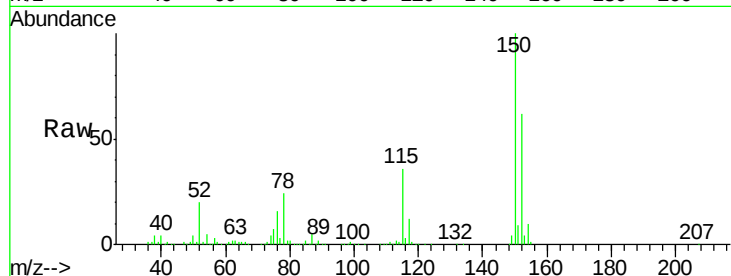
VLEB#03

Tot Ion: 75 Resp: 16777

Ion Ratio Lower Upper

75 100

77 38.5 25.8 38.8



#69

Naphthalene

Concen: 9.584 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025616.D

Acq: 23 Jul 2018 21:01

Tgt Ion: 128 Resp: 90249

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.4 12.6

