

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025568.D
 Acq On : 21 Jul 2018 01:28
 Operator : MD/SY
 Sample : J4097-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:56:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	314277	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282901	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	128573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77903	43.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.84%
7) Chloroethane-d5	1.68	69	66245	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.52%
11) 1,1-Dichloroethene-d2	2.27	63	128173	34.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.64%
21) 2-Butanone-d5	4.18	46	137343	99.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.15%
24) Chloroform-d	4.65	84	179049	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.31	65	125767	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
32) Benzene-d6	5.35	84	349978	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
36) 1,2-Dichloropropane-d6	6.34	67	115238	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.58%
41) Toluene-d8	7.57	98	325627	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	52672	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.22%
47) 2-Hexanone-d5	8.31	63	99986	102.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.14%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155602	47.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	129086	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%

Target Compounds

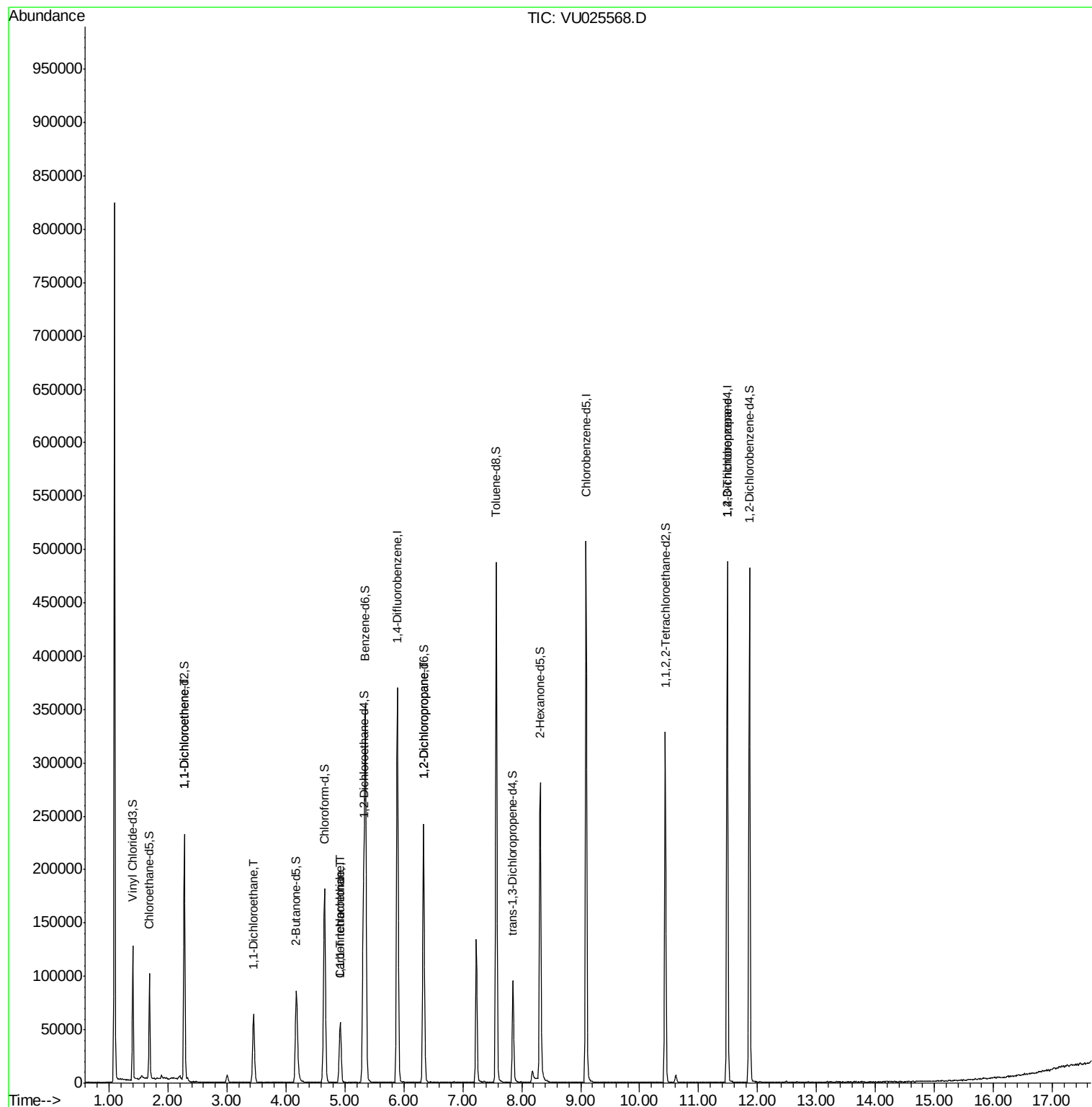
					Ovalue
12) 1,1-Dichloroethene	2.28	96	2814	1.587 ug/L #	1
19) 1,1-Dichloroethane	3.45	63	68812	17.714 ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	44904	12.685 ug/L	99
31) Carbon tetrachloride	4.92	117	5577	1.704 ug/L	98
37) 1,2-Dichloropropane	6.34	63	13233	5.957 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	14101	5.405 ug/L #	83

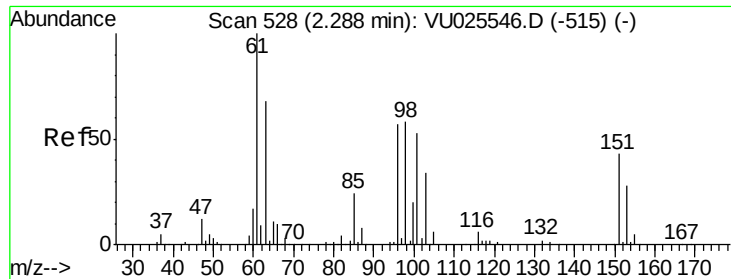
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Jul 21 02:53:20 2018
Response via : Initial Calibration

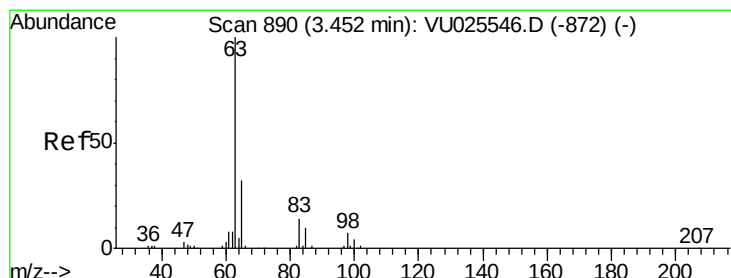
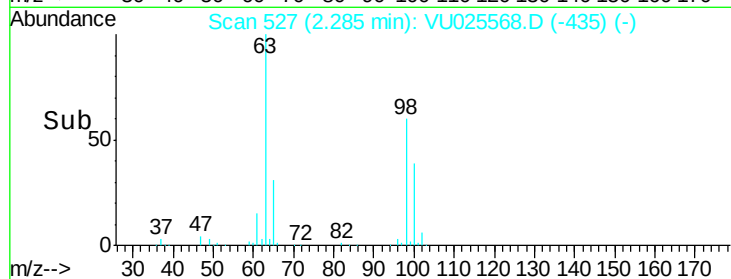
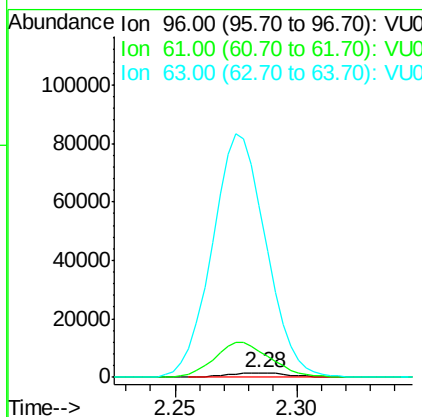
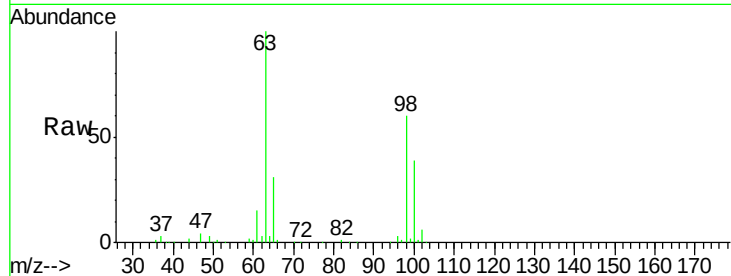




#12
 1,1-Dichloroethene
 Concen: 1.587 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025568.D
 Acq: 21 Jul 2018 01:28

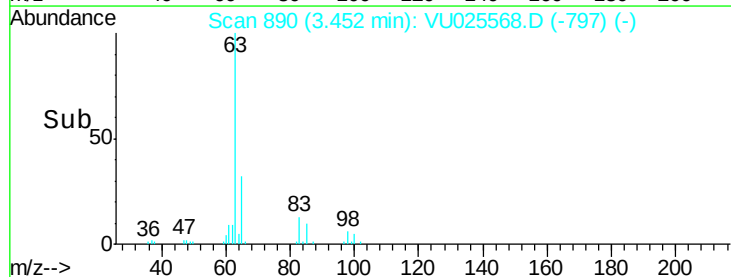
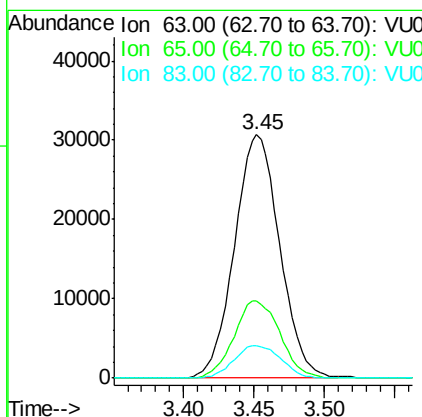
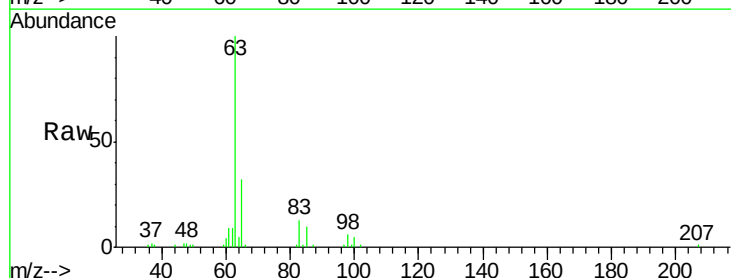
Instrument :
 MSVOA_U
 ClientSampleId :

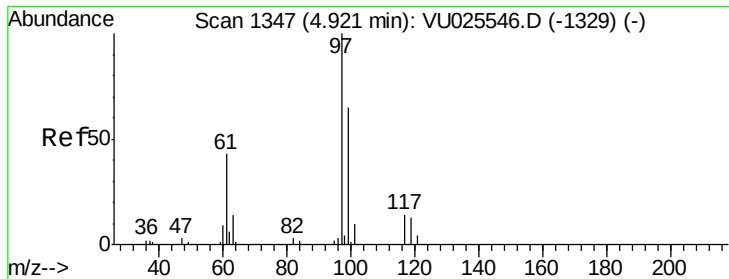
Tot Ion: 96 Resp: 2814
 Ion Ratio Lower Upper
 96 100
 61 545.3 122.5 227.5#
 63 3529.6 90.9 168.9#



#19
 1,1-Dichloroethane
 Concen: 17.714 ug/L
 RT: 3.45 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: VU025568.D
 Acq: 21 Jul 2018 01:28

Tgt Ion: 63 Resp: 68812
 Ion Ratio Lower Upper
 63 100
 65 31.8 22.0 41.0
 83 13.2 9.6 17.8

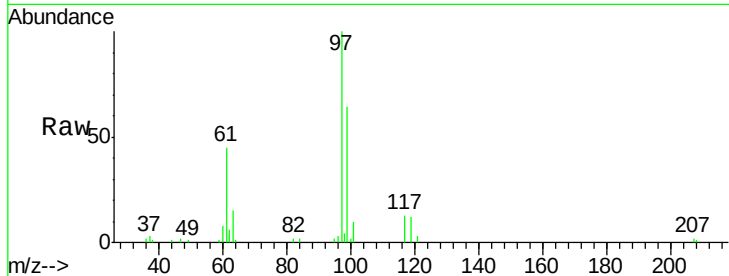




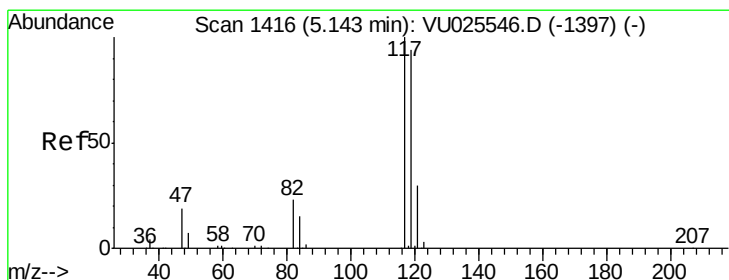
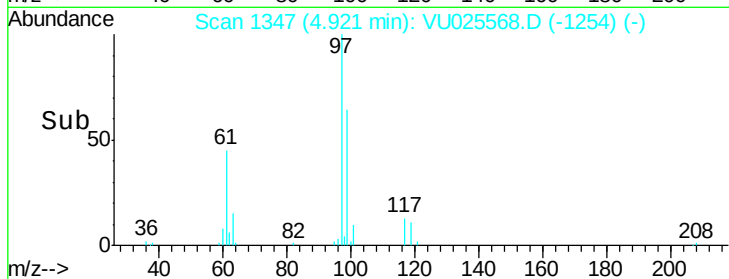
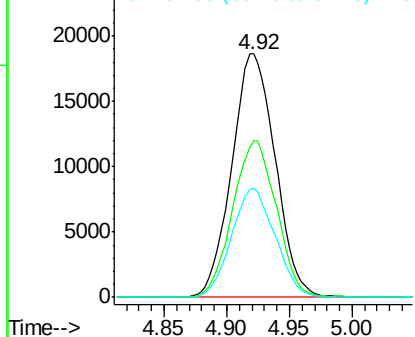
#30
 1,1,1-Trichloroethane
 Concen: 12.685 ug/L
 RT: 4.92 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VU025568.D
 Acq: 21 Jul 2018 01:28

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 97 Resp: 44904
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.4 78.6
 61 44.6 34.6 52.0

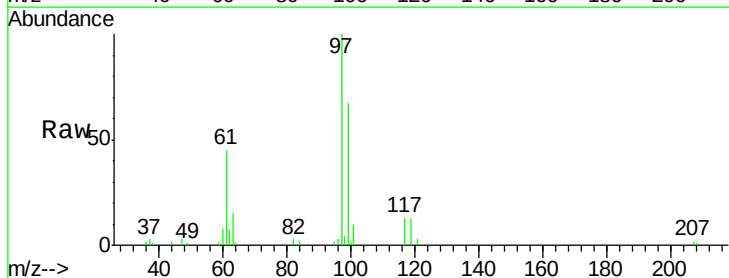


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

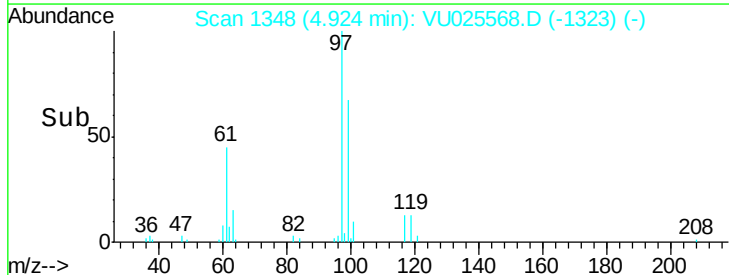
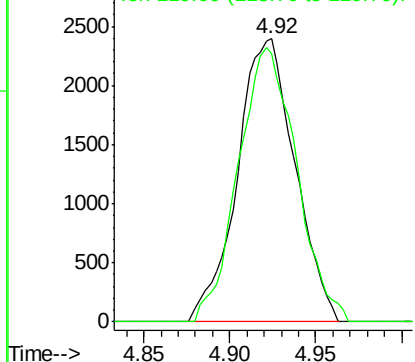


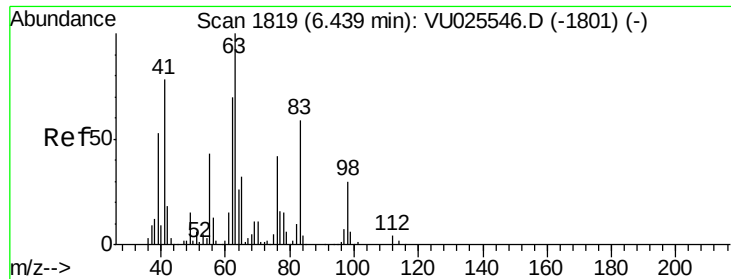
#31
 Carbon tetrachloride
 Concen: 1.704 ug/L
 RT: 4.92 min Scan# 1348
 Delta R.T. -0.22 min
 Lab File: VU025568.D
 Acq: 21 Jul 2018 01:28

Tgt Ion: 117 Resp: 5577
 Ion Ratio Lower Upper
 117 100
 119 97.9 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V

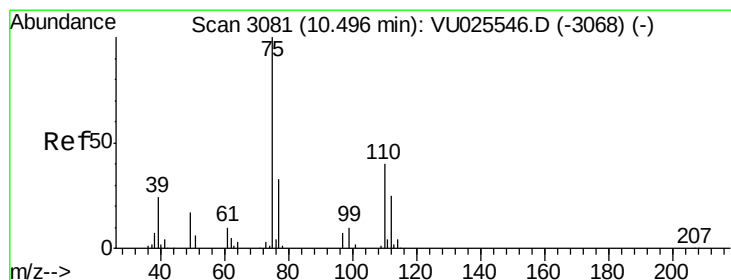
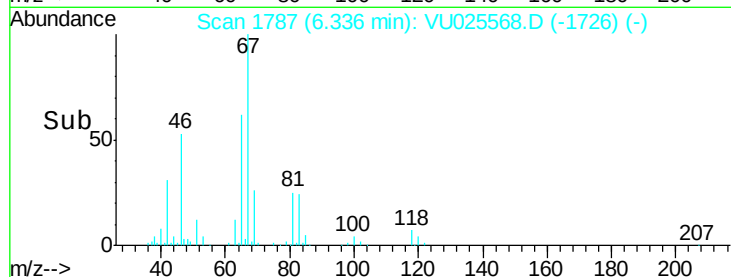
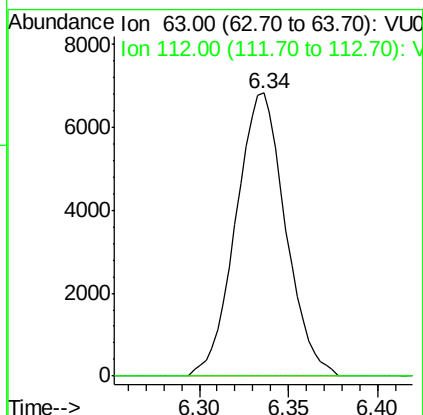
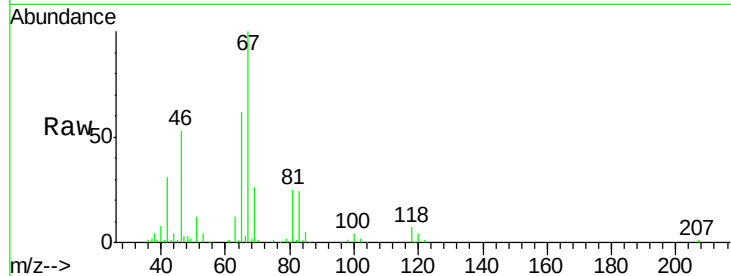




#37
 1,2-Dichloropropane
 Concen: 5.957 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025568.D
 Acq: 21 Jul 2018 01:28

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 13233
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.405 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025568.D
 Acq: 21 Jul 2018 01:28

Tgt Ion: 75 Resp: 14101
 Ion Ratio Lower Upper
 75 100
 77 42.1 25.8 38.8#

