

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006917.D
 Acq On : 08 Aug 2018 00:23
 Operator : SY/MD
 Sample : J4357-06
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 07:11:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	194328	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66212	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.58	69	59172	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	93440	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.97	46	214237	57.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.24%
24) Chloroform-d	4.41	84	132951	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.09	65	74048	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.10	84	250396	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.12	67	87886	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.37	98	188049	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	22542	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.15	63	106821	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68433	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	65588	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

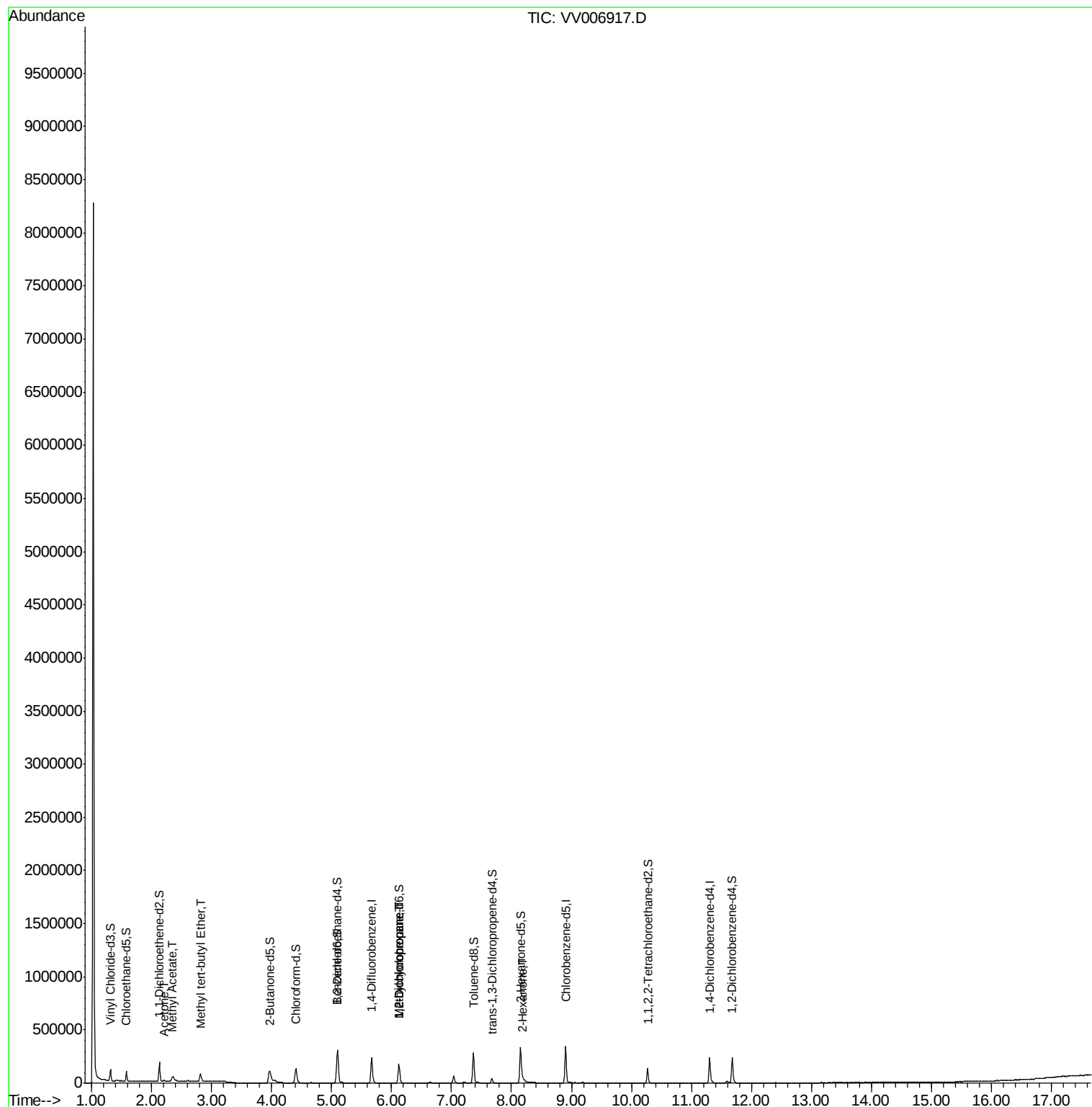
					Ovalue
13) Acetone	2.21	43	9979	4.112	ug/L 100
15) Methyl Acetate	2.35	43	19695	2.955	ug/L # 53
17) Methyl tert-butyl Ether	2.82	73	74879	2.243	ug/L 97
35) Methylcyclohexane	6.12	83	20362	0.979	ug/L # 15
37) 1,2-Dichloropropane	6.12	63	8963	0.560	ug/L # 87
48) 2-Hexanone	8.20	43	8345	1.335	ug/L # 91

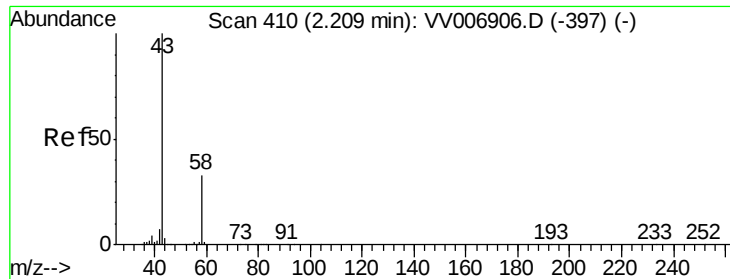
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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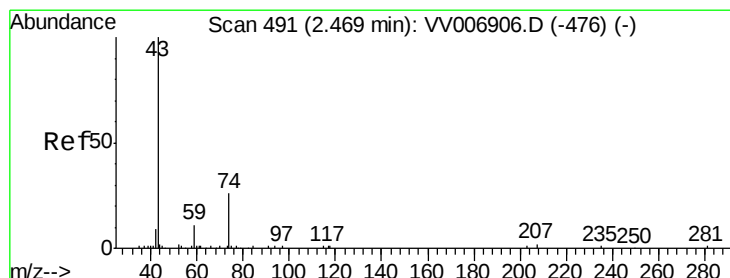
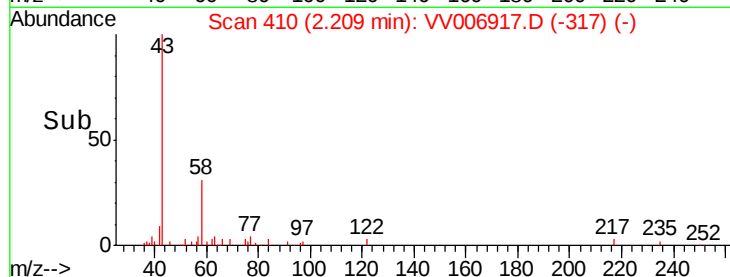
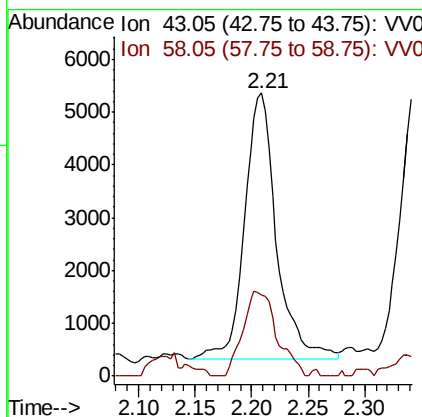
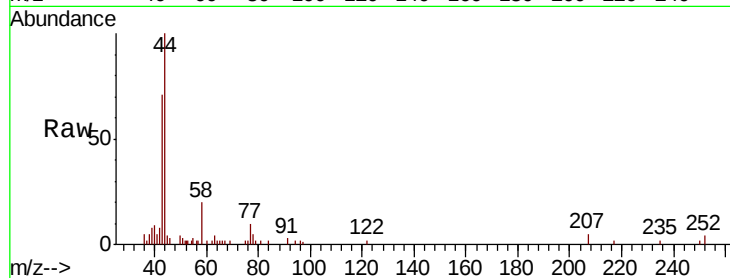




#13
Acetone
Concen: 4.112 ug/L
RT: 2.21 min Scan# 410
Delta R.T. -0.00 min
Lab File: VV006917.D
Acq: 08 Aug 2018 00:23

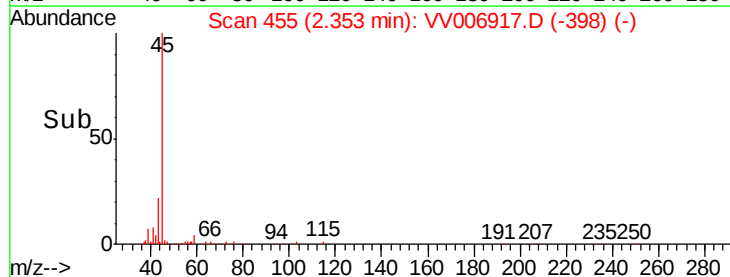
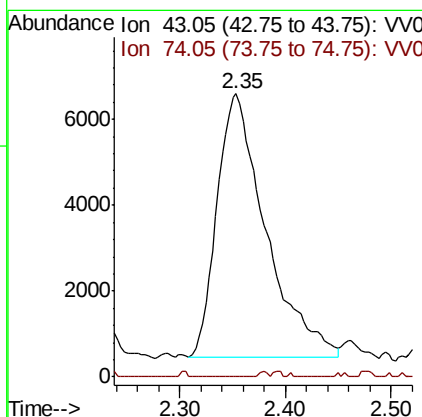
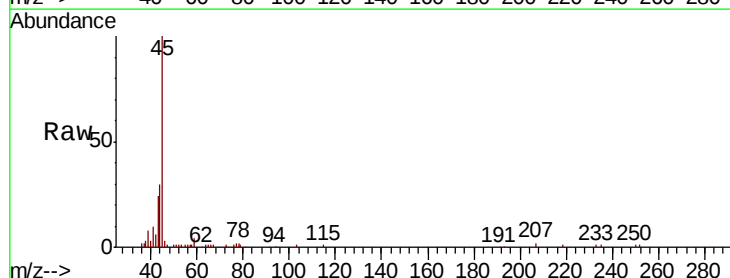
Instrument :
MSVOA_V
ClientSampled :

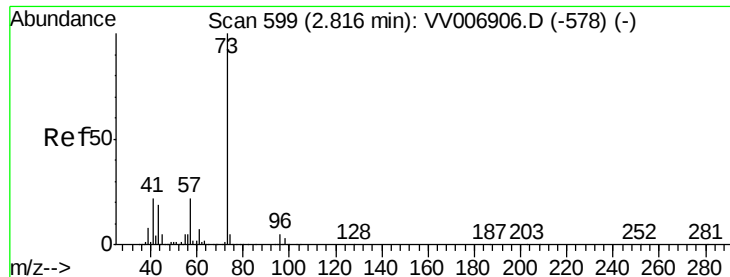
Tot Ion: 43 Resp: 9979
Ion Ratio Lower Upper
43 100
58 33.8 0.0 68.0



#15
Methyl Acetate
Concen: 2.955 ug/L
RT: 2.35 min Scan# 455
Delta R.T. -0.12 min
Lab File: VV006917.D
Acq: 08 Aug 2018 00:23

Tgt Ion: 43 Resp: 19695
Ion Ratio Lower Upper
43 100
74 0.3 18.6 27.8#

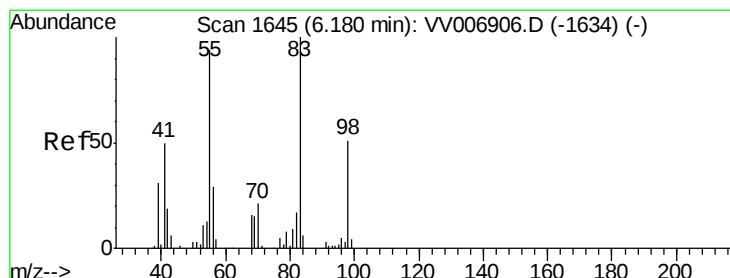
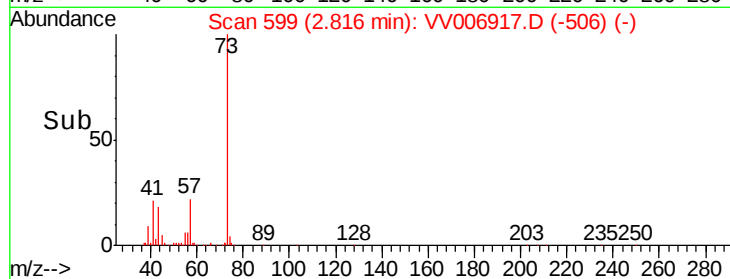
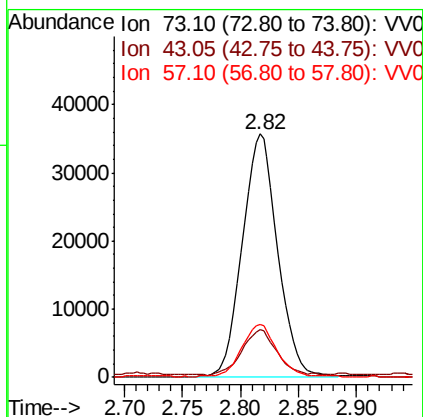
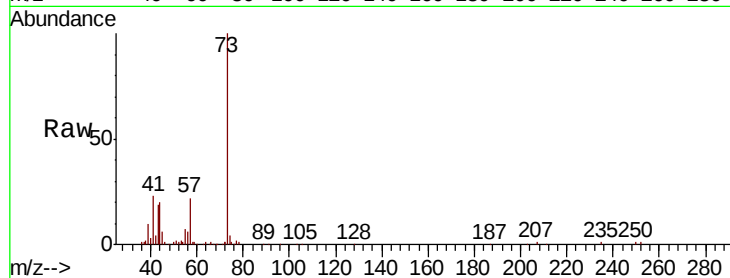




#17
Methvl tert-butvl Ether
Concen: 2.243 ug/L
RT: 2.82 min Scan# 599
Delta R.T. -0.00 min
Lab File: VV006917.D
Acq: 08 Aug 2018 00:23

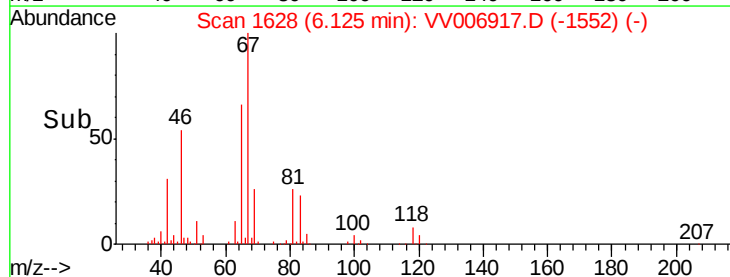
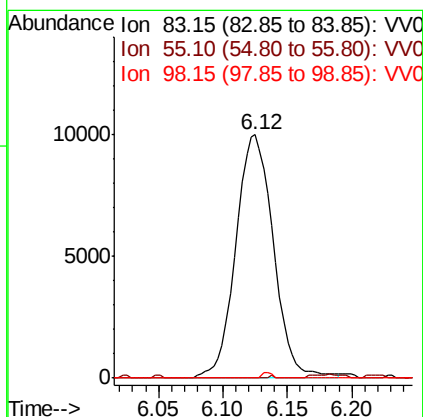
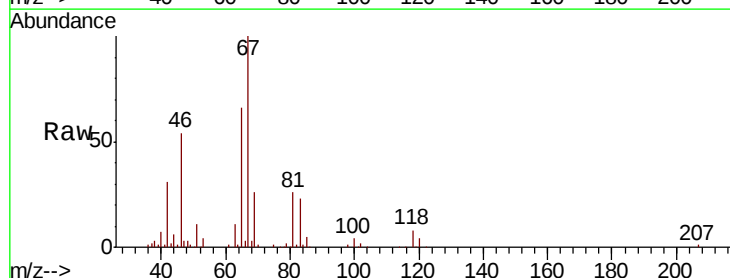
Instrument :
MSVOA_V
ClientSampleId :

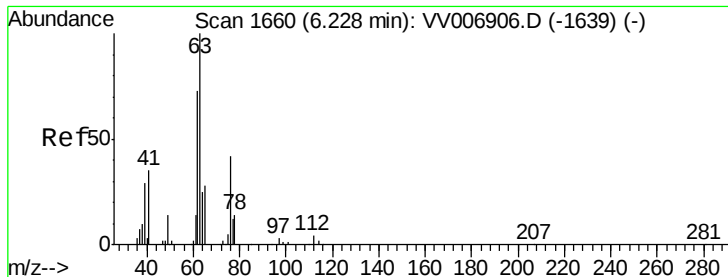
Tot Ion: 73 Resp: 74879
Ion Ratio Lower Upper
73 100
43 18.7 15.3 22.9
57 21.3 18.8 28.2



#35
Methylcyclohexane
Concen: 0.979 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006917.D
Acq: 08 Aug 2018 00:23

Tgt Ion: 83 Resp: 20362
Ion Ratio Lower Upper
83 100
55 0.1 69.8 104.8#
98 0.5 36.4 54.6#

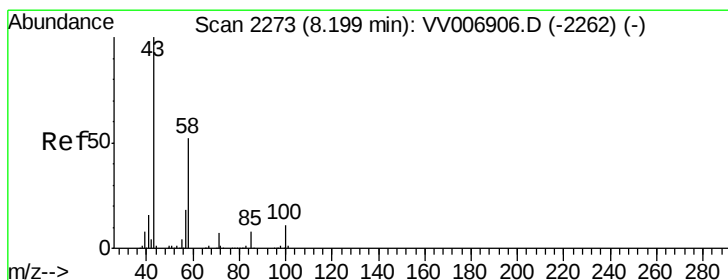
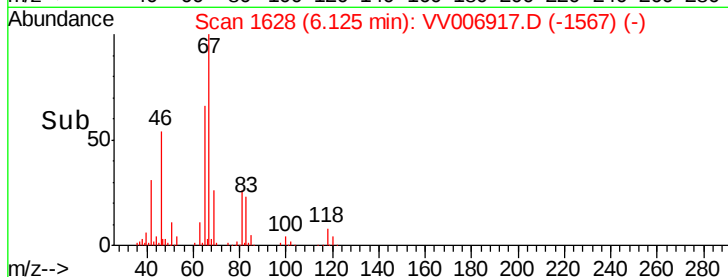
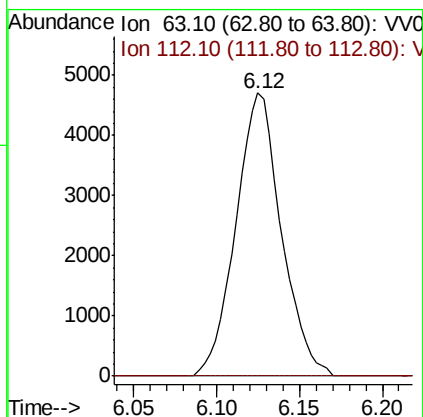
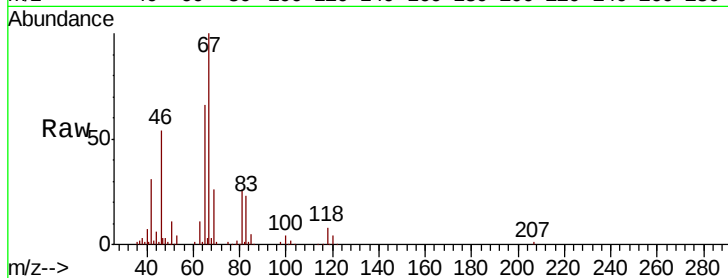




#37
 1,2-Dichloropropane
 Concen: 0.560 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006917.D
 Acq: 08 Aug 2018 00:23

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 63 Resp: 8963
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 1.335 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VV006917.D
 Acq: 08 Aug 2018 00:23

Tgt Ion: 43 Resp: 8345
 Ion Ratio Lower Upper
 43 100
 58 56.8 42.0 63.0
 57 24.3 14.1 21.1#
 100 5.9 8.1 12.1#

