

Data File : VV010877.D
Acq On : 15 May 2019 00:10
Operator : SY/MD
Sample : K2798-01
Misc : 4.67G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB873

Quant Time: May 15 08:12:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	129092	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130200	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55992	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31017	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.44%
7) Chloroethane-d5	1.57	69	25225	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.12%
10) 1,1-Dichloroethene-d2	2.12	63	45932	14.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.04%
20) 2-Butanone-d5	3.94	46	18157	35.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.18%
24) Chloroform-d	4.40	84	66352	17.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.20%
26) 1,2-Dichloroethane-d4	5.08	65	39643	18.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.84%
29) Benzene-d6	5.10	84	142321	19.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.00%
33) 1,2-Dichloropropane-d6	6.12	67	45618	19.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.36%
37) Toluene-d8	7.36	98	124912	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.16%
38) trans-1,3-Dichloropropene-	7.66	79	15946	15.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.60%
39) 2-Hexanone-d5	8.13	63	14265	32.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.48%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36699	17.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	46023	19.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.72%

Target Compounds

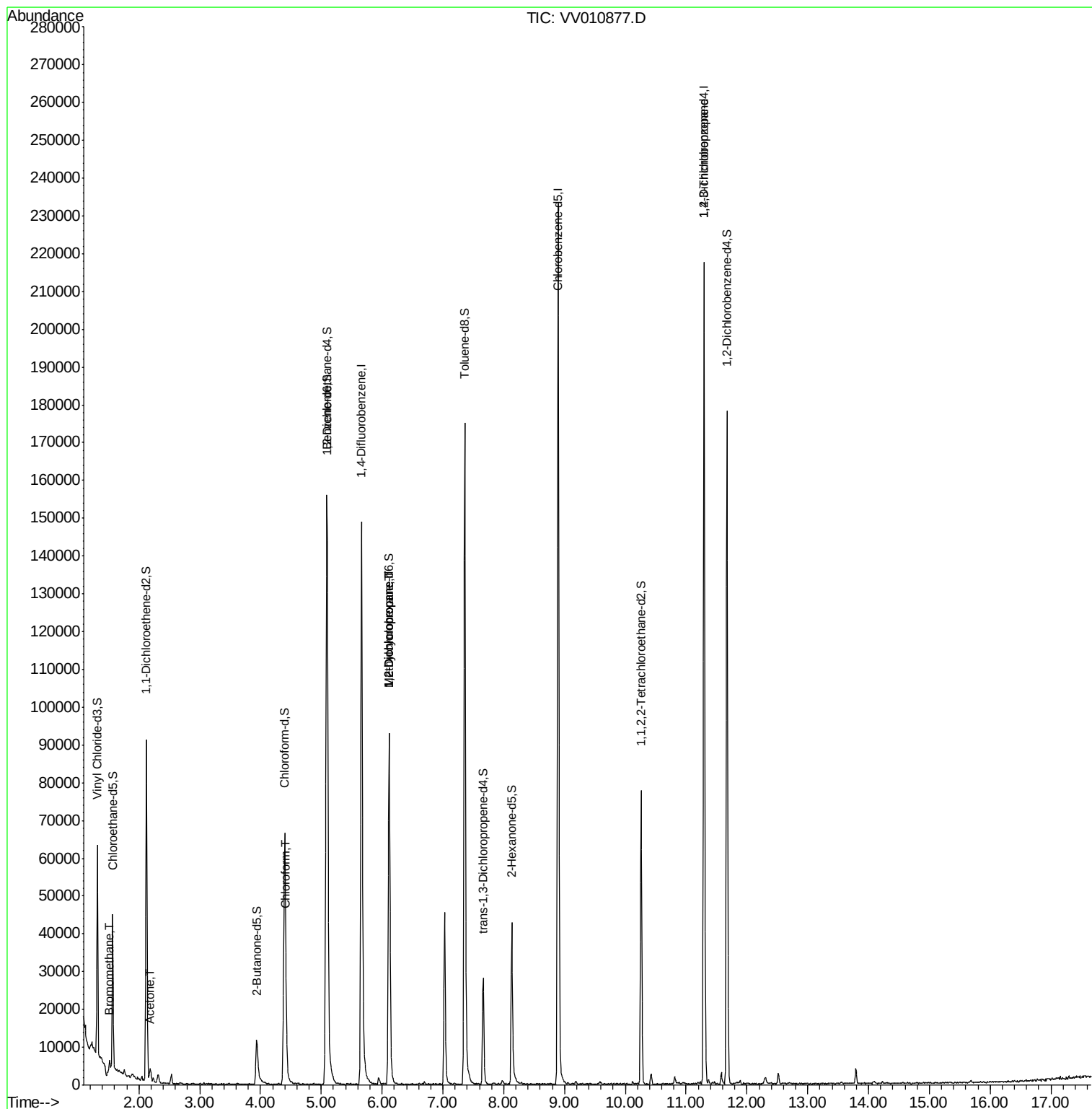
					Qvalue
6) Bromomethane	1.52	94	676	1.577 ug/L	99
13) Acetone	2.19	43	1777	3.372 ug/L	99
25) Chloroform	4.43	83	4655	1.251 ug/L	84
36) Methylcyclohexane	6.12	83	10816	3.952 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	5270	2.550 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	7288	4.575 ug/L	93

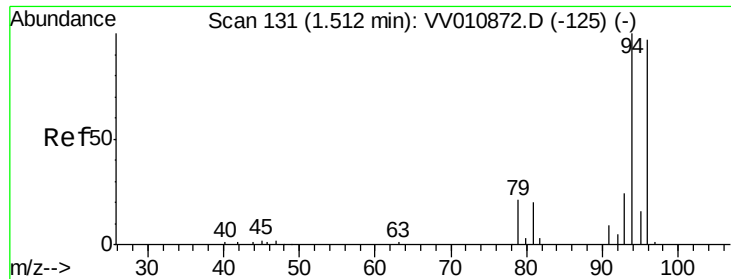
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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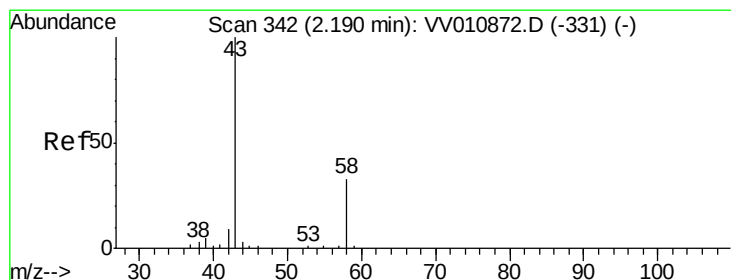
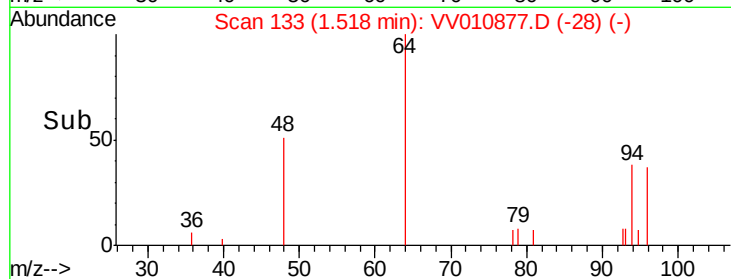
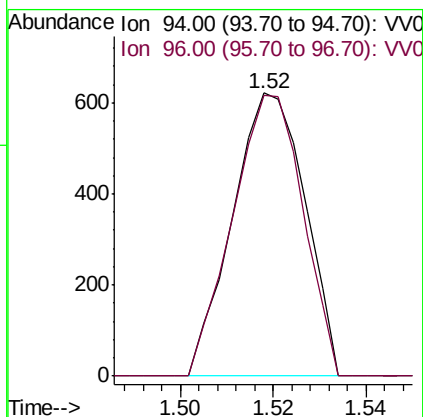
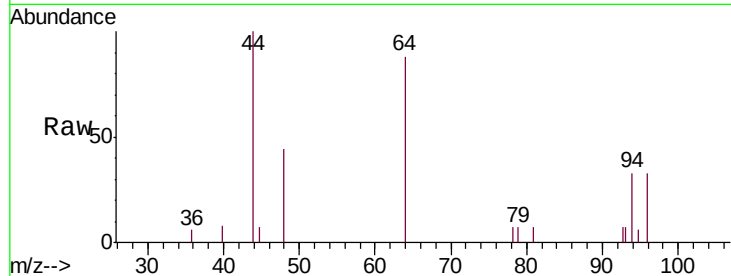




#6
Bromomethane
Concen: 1.577 ug/L
RT: 1.52 min Scan# 133
Delta R.T. 0.01 min
Lab File: VV010877.D
Acq: 15 May 2019 00:10

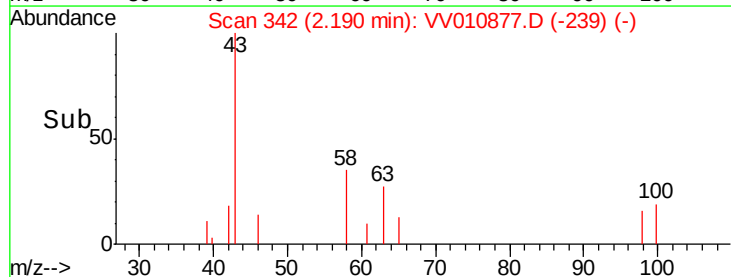
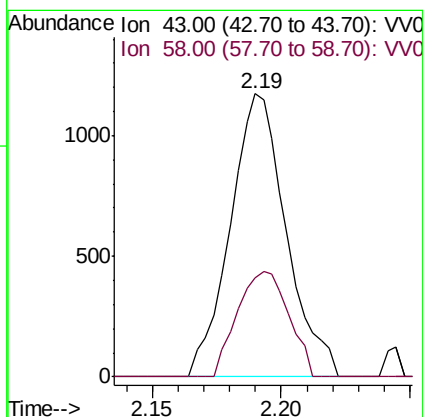
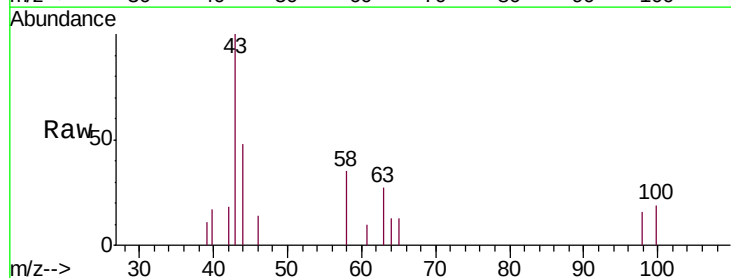
Instrument :
MSVOA_V
ClientSampled :
DB873

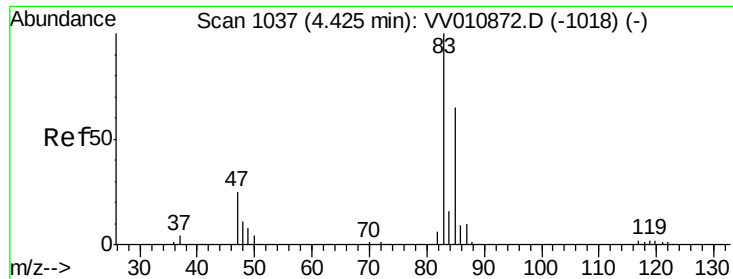
Tgt Ion: 94 Resp: 676
Ion Ratio Lower Upper
94 100
96 96.6 9.6 181.6



#13
Acetone
Concen: 3.372 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV010877.D
Acq: 15 May 2019 00:10

Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
58 34.3 0.0 69.2

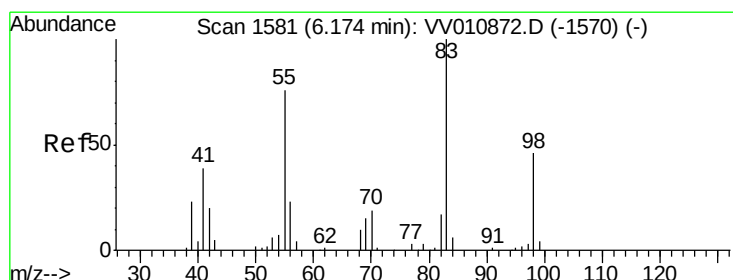
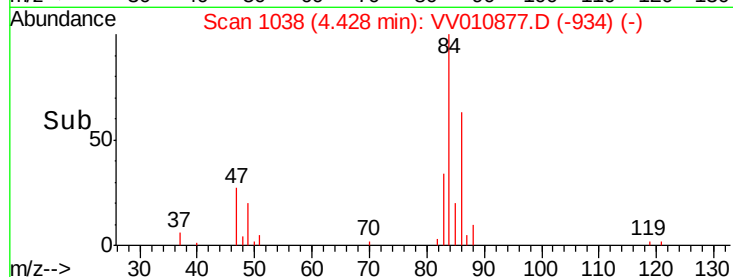
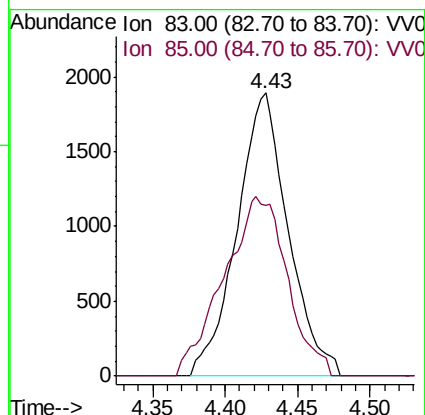
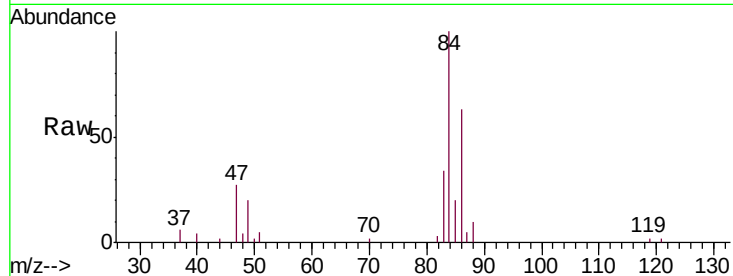




#25
Chloroform
Concen: 1.251 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010877.D
Acq: 15 May 2019 00:10

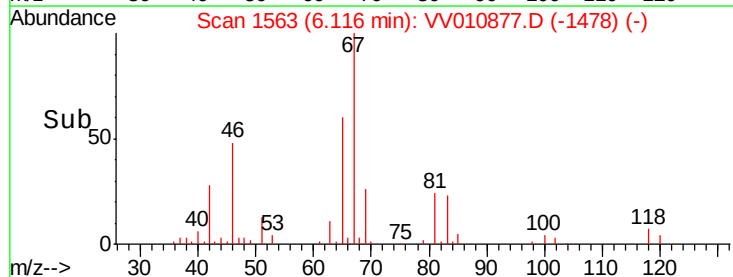
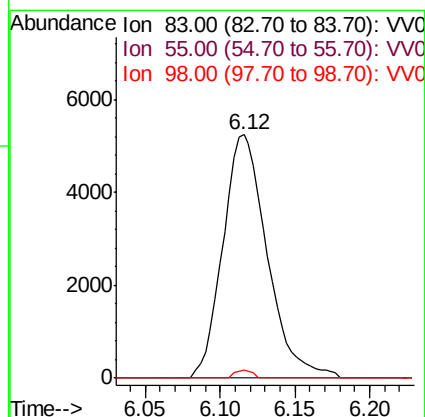
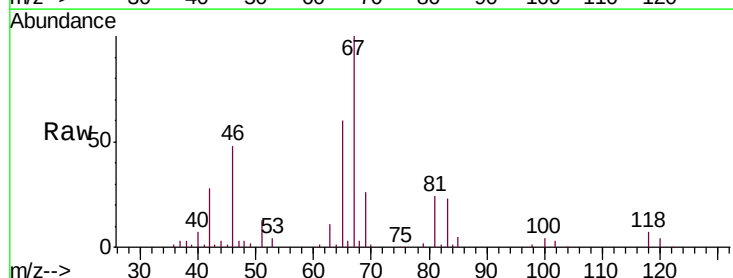
Instrument :
MSVOA_V
ClientSampleId :
DB873

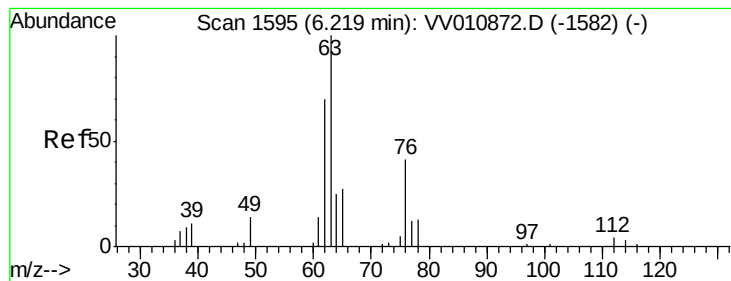
Tgt Ion: 83 Resp: 4655
Ion Ratio Lower Upper
83 100
85 51.8 45.3 84.1



#36
Methylcyclohexane
Concen: 3.952 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010877.D
Acq: 15 May 2019 00:10

Tgt Ion: 83 Resp: 10816
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 1.2 37.2 55.8#

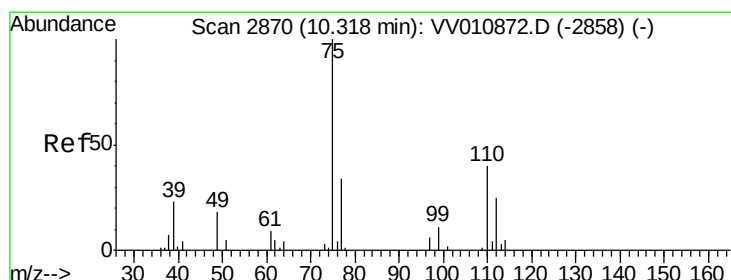
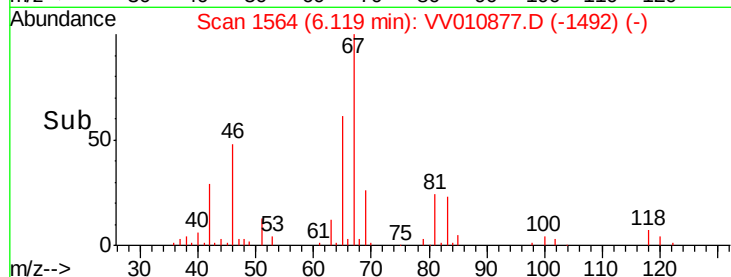
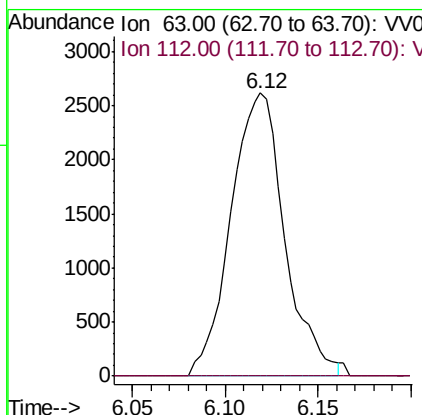
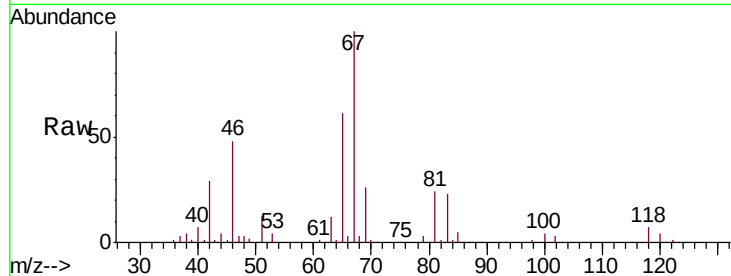




#40
 1,2-Dichloropropane
 Concen: 2.550 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010877.D
 Acq: 15 May 2019 00:10

Instrument :
 MSVOA_V
 ClientSampleId :
 DB873

Tgt Ion: 63 Resp: 5270
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.575 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010877.D
 Acq: 15 May 2019 00:10

Tgt Ion: 75 Resp: 7288
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.4 39.6

