

Data File : VV010882.D
Acq On : 15 May 2019 02:28
Operator : SY/MD
Sample : K2798-10
Misc : 4.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB880

Quant Time: May 15 08:12:43 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	144086	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	44536	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33720	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.48%
7) Chloroethane-d5	1.56	69	28443	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.08%
10) 1,1-Dichloroethene-d2	2.12	63	49636	14.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.16%
20) 2-Butanone-d5	3.93	46	18665	32.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.64%
24) Chloroform-d	4.39	84	69993	16.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.32%
26) 1,2-Dichloroethane-d4	5.07	65	49161	20.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.16%
29) Benzene-d6	5.09	84	173680	23.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.12%
33) 1,2-Dichloropropane-d6	6.11	67	57833	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	7.36	98	148329	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.52%
38) trans-1,3-Dichloropropene-	7.66	79	18298	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.00%
39) 2-Hexanone-d5	8.13	63	12086	27.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41542	19.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	40794	21.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.72%

Target Compounds

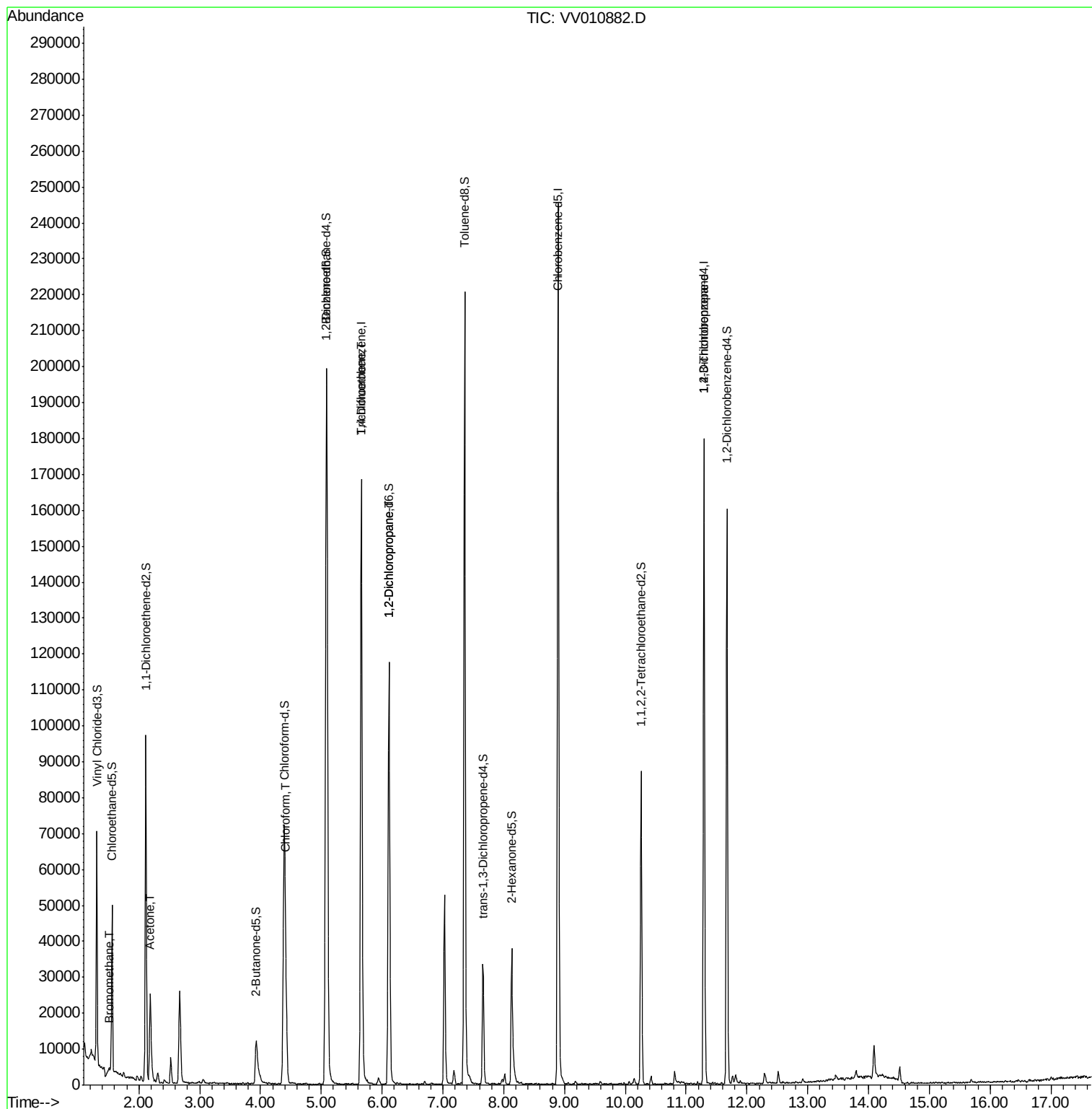
					Qvalue
6) Bromomethane	1.51	94	513	1.072 ug/L	100
13) Acetone	2.19	43	29652	50.406 ug/L	95
25) Chloroform	4.42	83	18519	4.458 ug/L	97
35) Trichloroethene	5.65	95	4111	2.062 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	6381	3.046 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	5757	3.566 ug/L	91

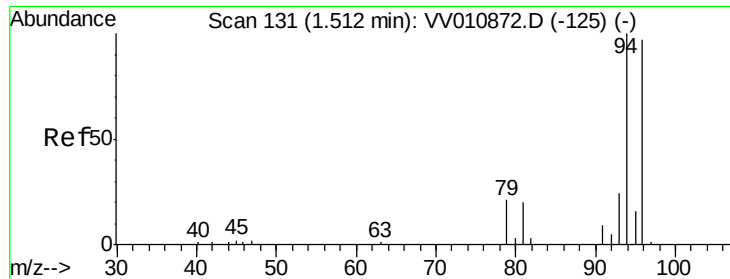
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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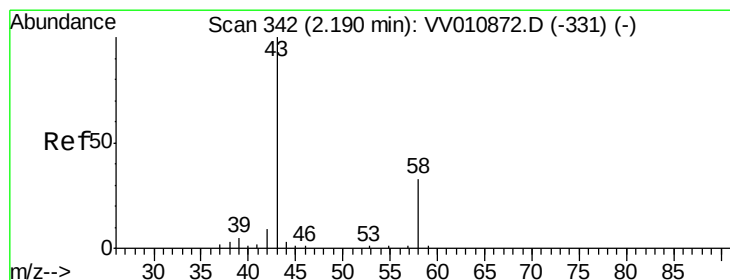
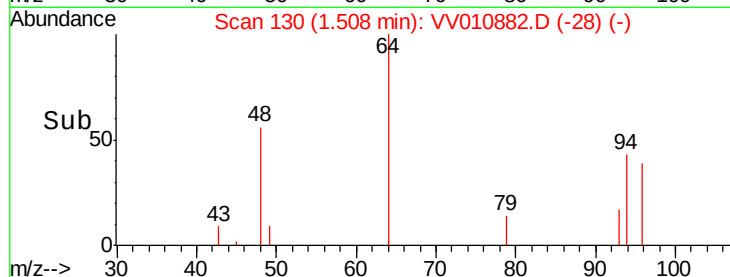
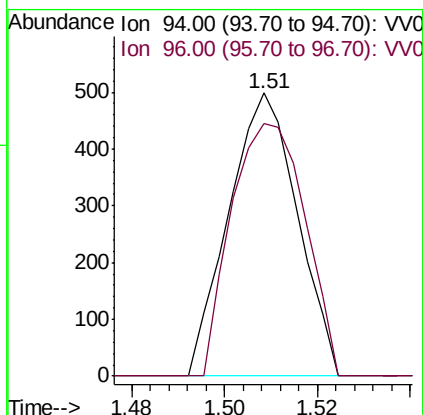
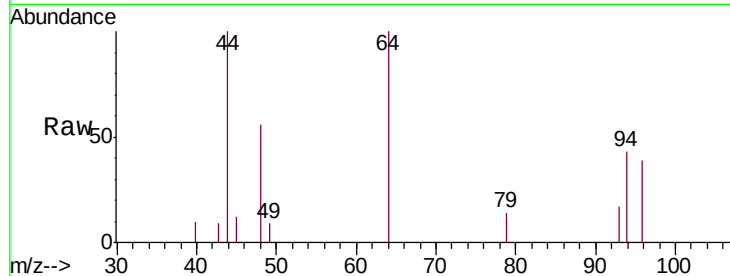




#6
Bromomethane
Concen: 1.072 ug/L
RT: 1.51 min Scan# 130
Delta R.T. -0.00 min
Lab File: VV010882.D
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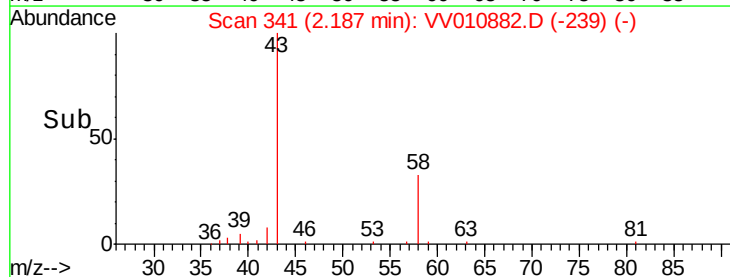
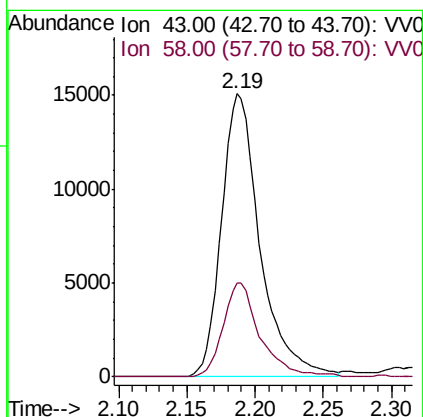
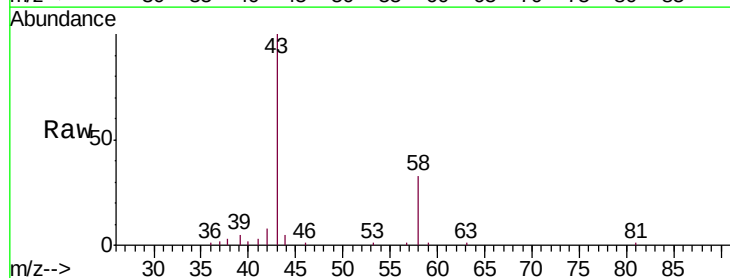
Instrument :
MSVOA_V
ClientSampled :
DB880

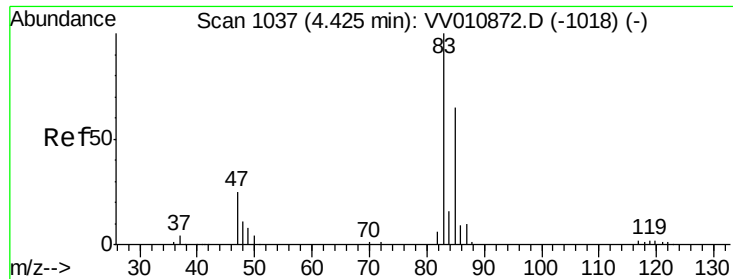
Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 95.9 9.6 181.6



#13
Acetone
Concen: 50.406 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV010882.D
Acq: 15 May 2019 02:28

Tgt Ion: 43 Resp: 29652
Ion Ratio Lower Upper
43 100
58 31.7 0.0 69.2

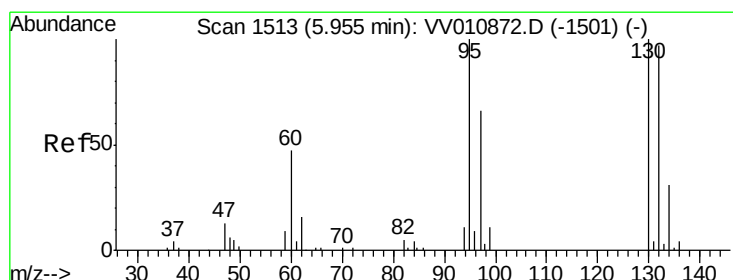
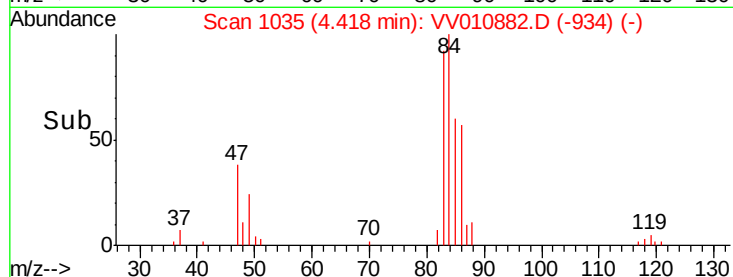
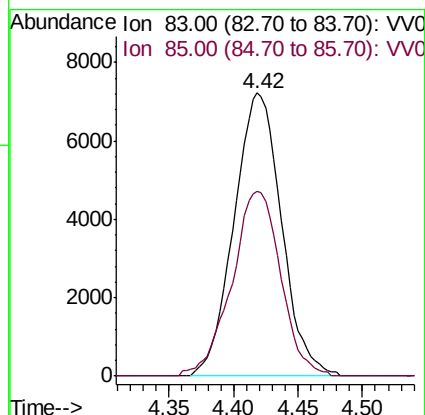
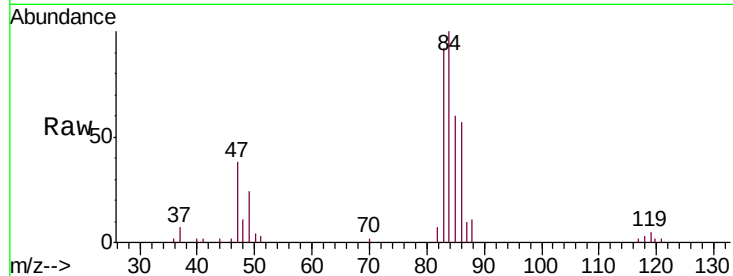




#25
Chloroform
Concen: 4.458 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010882.D
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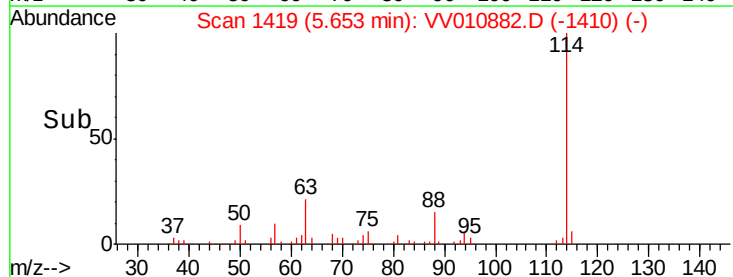
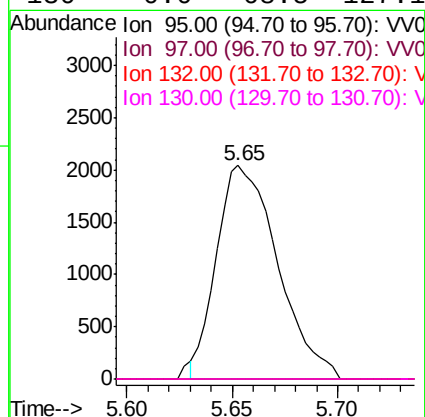
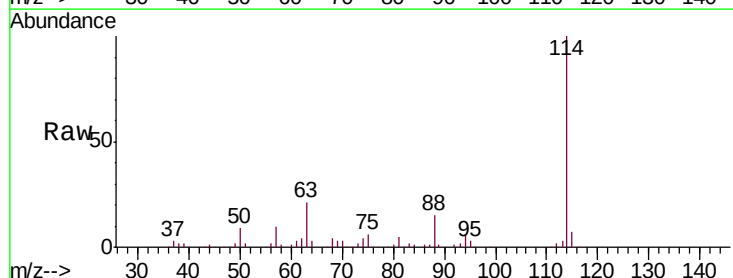
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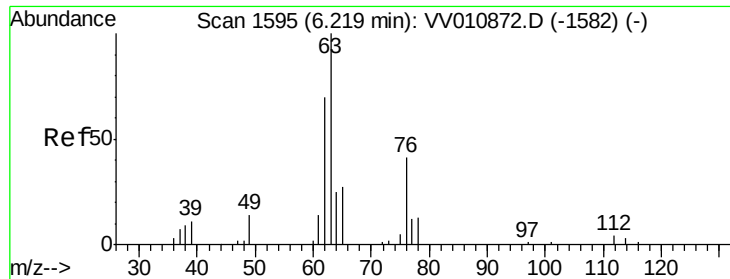
Tgt Ion: 83 Resp: 18519
Ion Ratio Lower Upper
83 100
85 67.1 45.3 84.1



#35
Trichloroethene
Concen: 2.062 ug/L
RT: 5.65 min Scan# 1419
Delta R.T. -0.30 min
Lab File: VV010882.D
Acq: 15 May 2019 02:28

Tgt Ion: 95 Resp: 4111
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 67.4 125.2#
130 0.0 68.5 127.1#

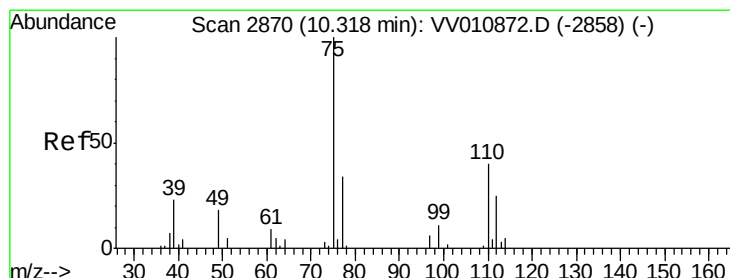
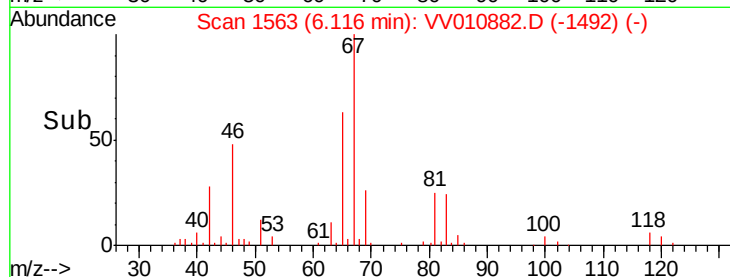
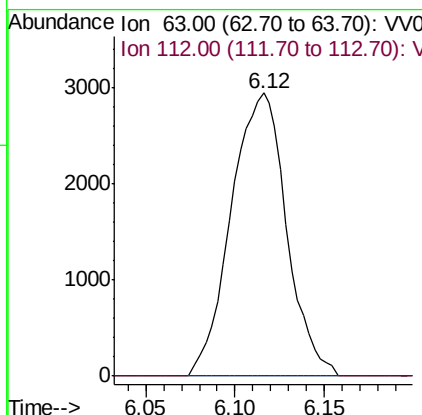
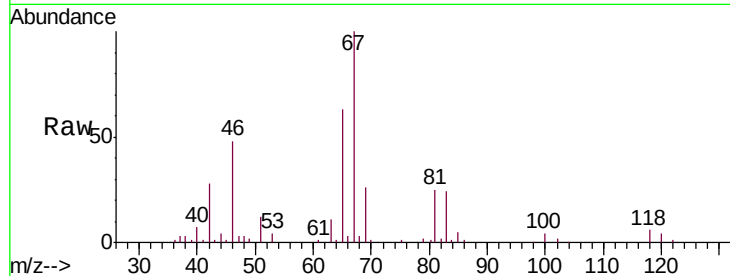




#40
 1,2-Dichloropropane
 Concen: 3.046 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 6381
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 3.566 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010882.D
 Acq: 15 May 2019 02:28

Tgt Ion: 75 Resp: 5757
 Ion Ratio Lower Upper
 75 100
 77 37.8 26.4 39.6

