

Data File : VV010929.D
Acq On : 16 May 2019 12:40
Operator : SY/MD
Sample : K2788-09RE
Misc : 6.29G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5197

Quant Time: May 17 05:22:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130539	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131813	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63745	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34659	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
7) Chloroethane-d5	1.58	69	27175	25.07	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.28%
10) 1,1-Dichloroethene-d2	2.13	63	52953	16.83	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.32%
20) 2-Butanone-d5	3.94	46	26612	50.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.72%
24) Chloroform-d	4.40	84	85208	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.08	65	48688	22.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.88%
29) Benzene-d6	5.10	84	169194	23.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.76%
33) 1,2-Dichloropropane-d6	6.12	67	56153	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.48%
37) Toluene-d8	7.36	98	150212	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.72%
38) trans-1,3-Dichloropropene-	7.66	79	20925	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.44%
39) 2-Hexanone-d5	8.13	63	21468	48.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52421	24.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	63166	23.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.88%

Target Compounds

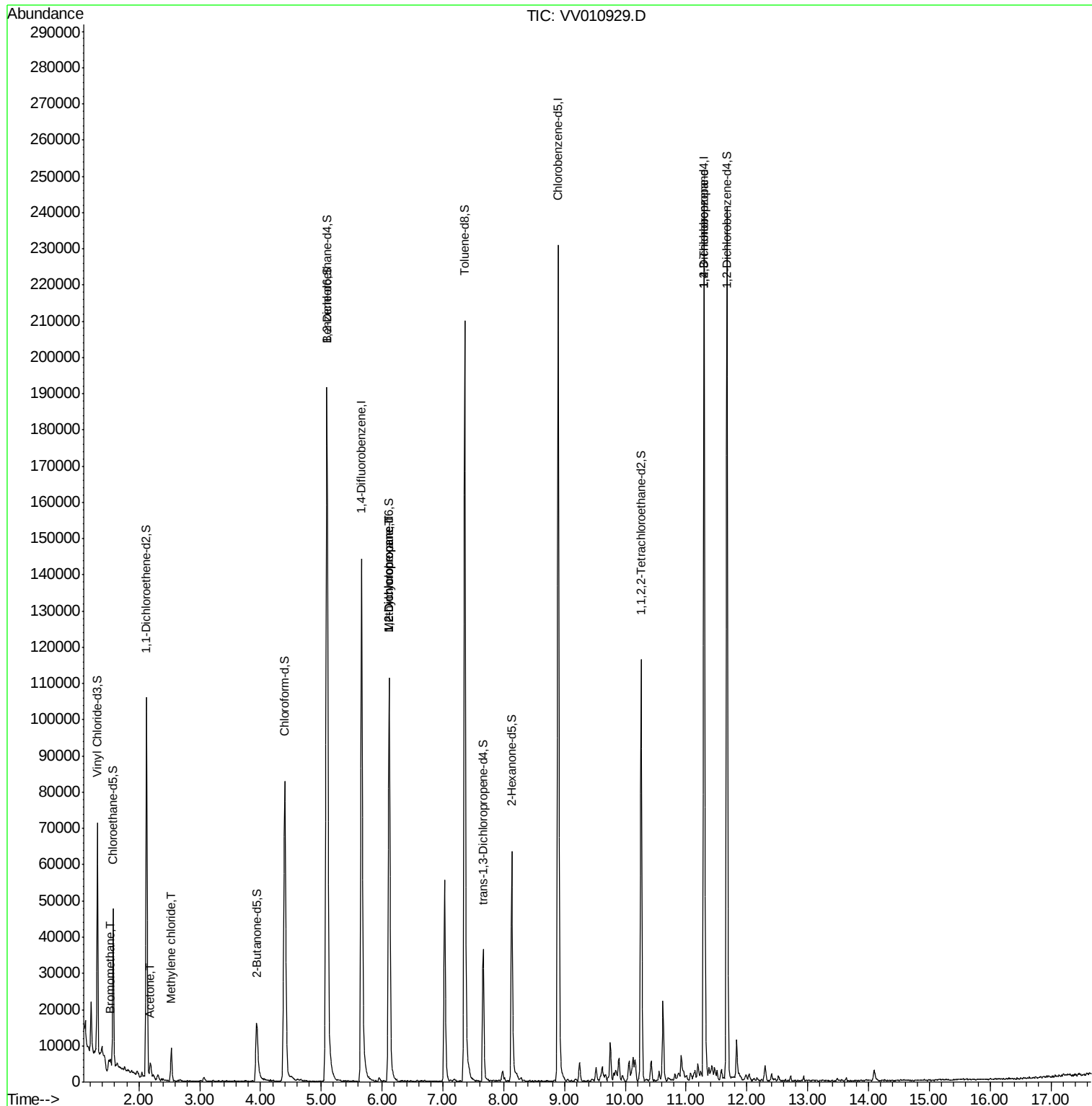
					Qvalue
6) Bromomethane	1.53	94	357	0.824 ug/L	94
13) Acetone	2.19	43	2891	5.424 ug/L	93
16) Methylene chloride	2.53	84	3797	1.802 ug/L	92
36) Methylcyclohexane	6.12	83	12879	4.648 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	6423	3.070 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	8114	5.032 ug/L	89

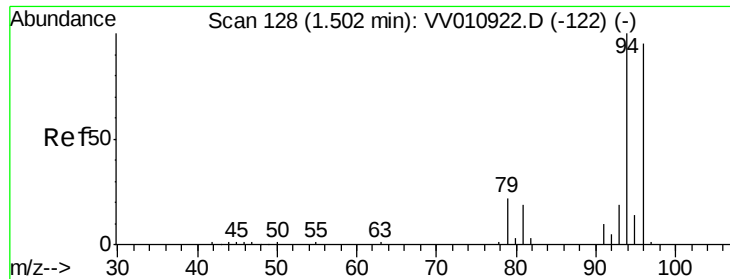
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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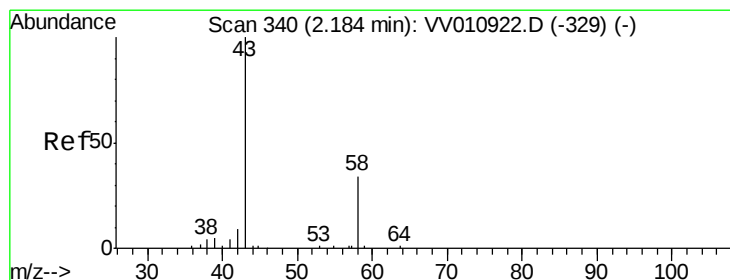
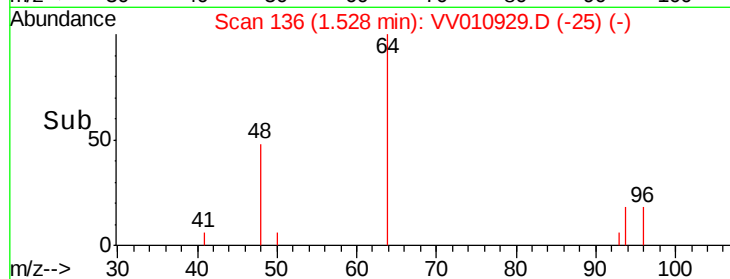
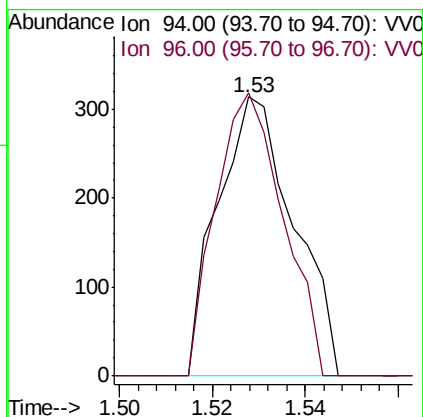
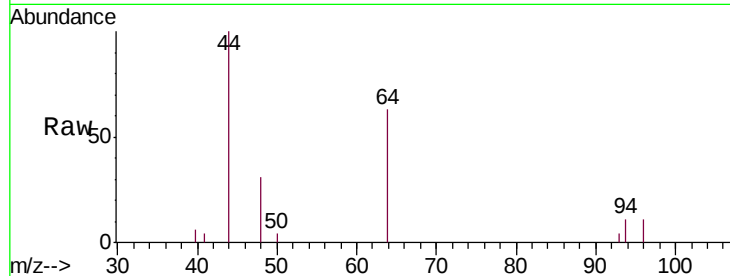




#6
 Bromomethane
 Concen: 0.824 ug/L
 RT: 1.53 min Scan# 136
 Delta R.T. 0.03 min
 Lab File: VV010929.D
 Acq: 16 May 2019 12:40

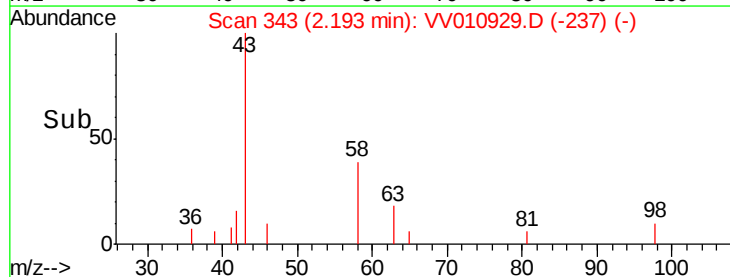
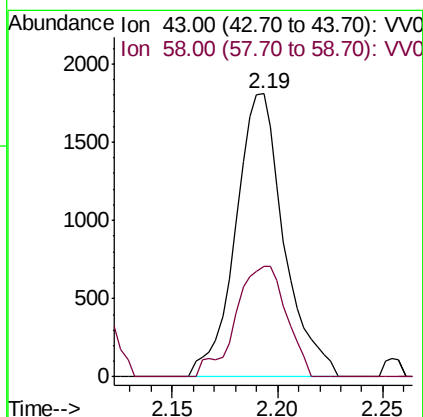
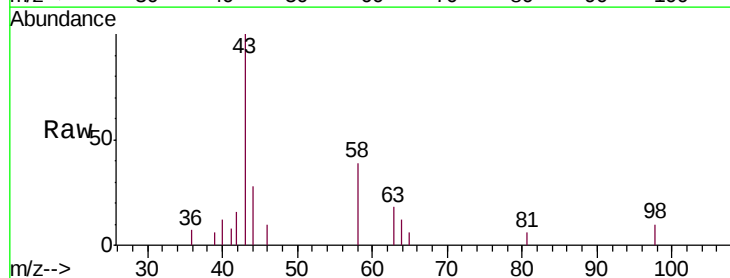
Instrument :
 MSVOA_V
 ClientSampled :
 A5197

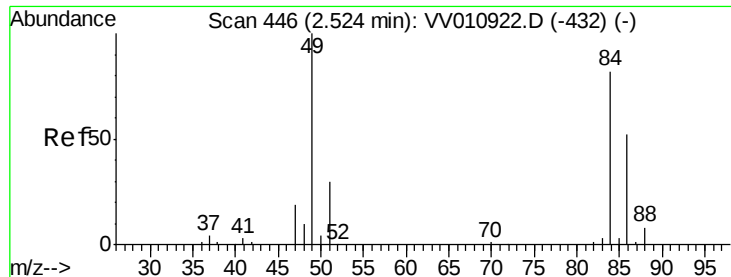
Tgt Ion: 94 Resp: 357
 Ion Ratio Lower Upper
 94 100
 96 89.9 9.6 181.6



#13
 Acetone
 Concen: 5.424 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VV010929.D
 Acq: 16 May 2019 12:40

Tgt Ion: 43 Resp: 2891
 Ion Ratio Lower Upper
 43 100
 58 38.7 0.0 69.2

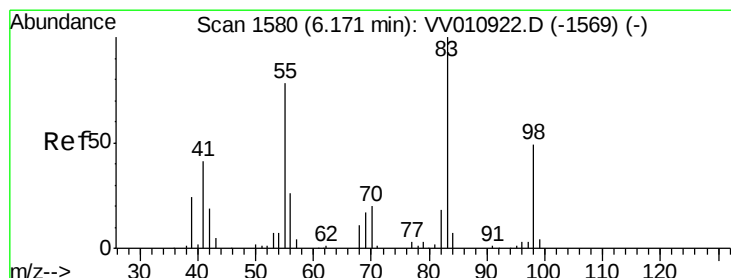
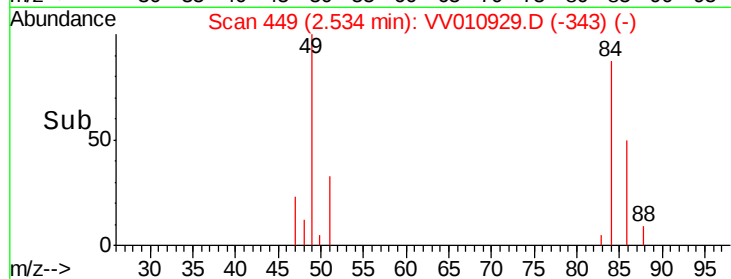
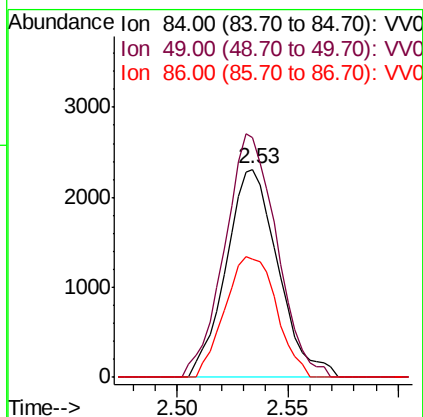
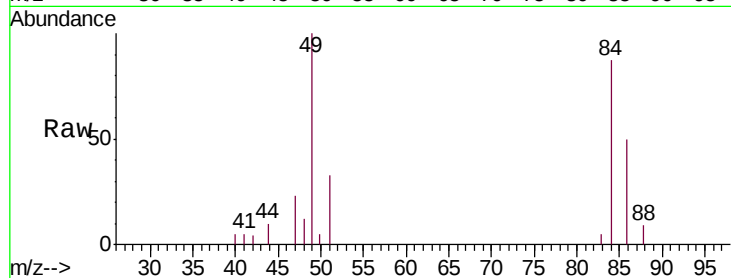




#16
Methylene chloride
Concen: 1.802 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV010929.D
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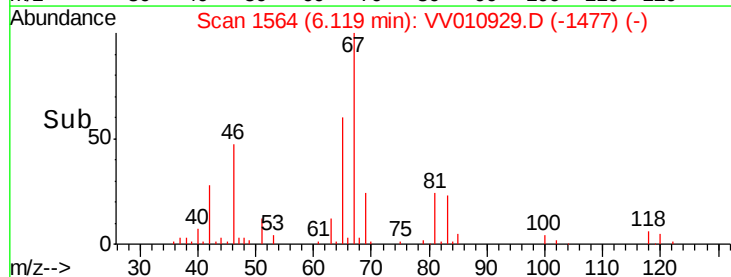
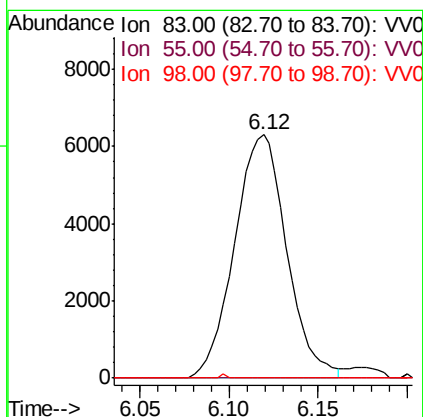
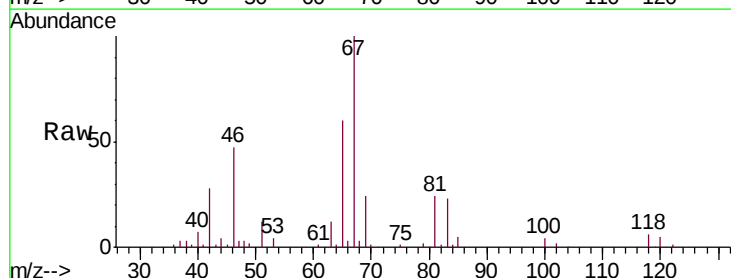
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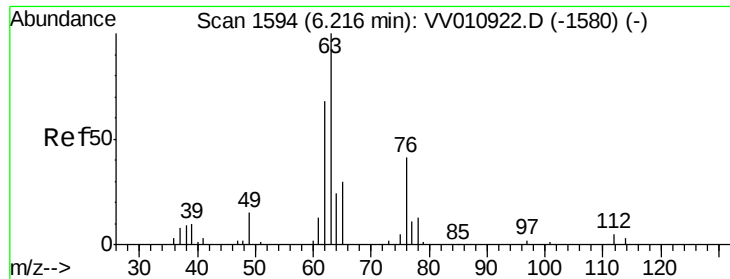
Tgt Ion: 84 Resp: 3797
Ion Ratio Lower Upper
84 100
49 114.8 85.8 159.3
86 57.0 45.0 83.6



#36
Methylcyclohexane
Concen: 4.648 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010929.D
Acq: 16 May 2019 12:40

Tgt Ion: 83 Resp: 12879
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.9 37.2 55.8#

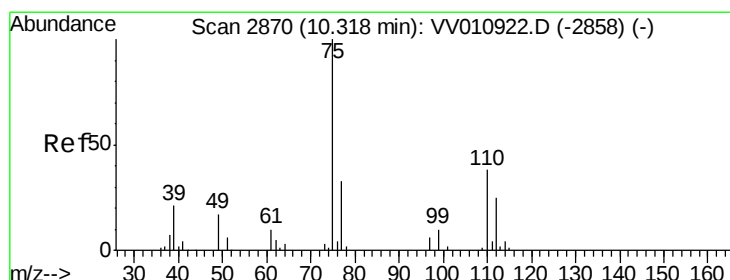
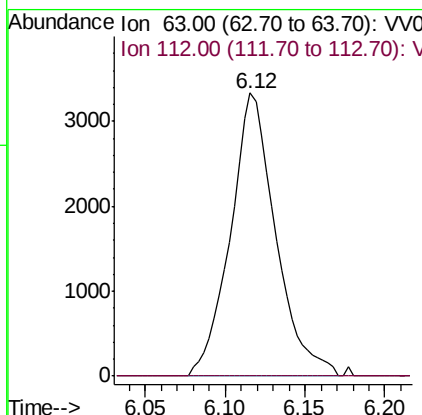
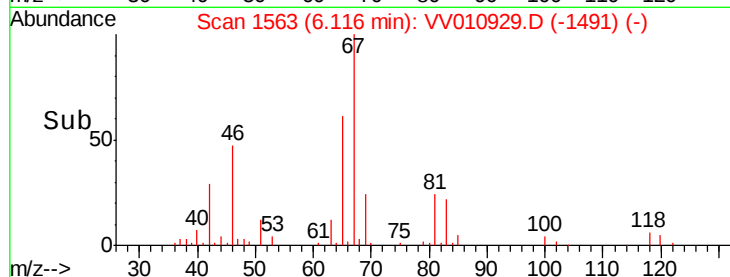
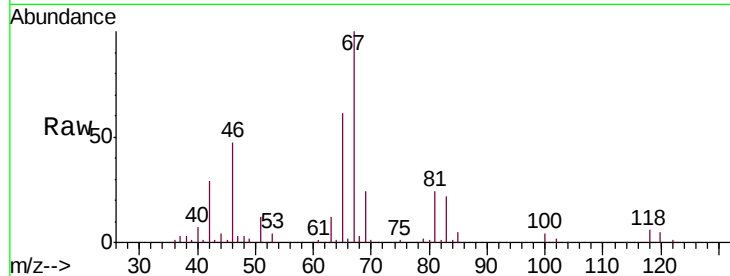




#40
 1,2-Dichloropropane
 Concen: 3.070 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
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 MSVOA_V
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Tgt Ion: 63 Resp: 6423
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.032 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010929.D
 Acq: 16 May 2019 12:40

Tgt Ion: 75 Resp: 8114
 Ion Ratio Lower Upper
 75 100
 77 39.0 26.4 39.6

