

Data File : VV009088.D
Acq On : 20 Dec 2018 17:02
Operator : SY/MD
Sample : J6471-02
Misc : 5.54 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9H11

Quant Time: Dec 21 00:30:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 00:25:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	199022	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41940	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.44%
7) Chloroethane-d5	1.58	69	44046	28.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.80%
10) 1,1-Dichloroethene-d2	2.13	63	84939	16.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.00%
20) 2-Butanone-d5	3.94	46	29530	39.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.76%
24) Chloroform-d	4.40	84	115620	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	5.08	65	69366	26.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.28%
29) Benzene-d6	5.10	84	226862	24.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.28%
33) 1,2-Dichloropropane-d6	6.12	67	68928	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	7.36	98	199018	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.20%
38) trans-1,3-Dichloropropene-	7.67	79	28016	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.64%
39) 2-Hexanone-d5	8.14	63	16963	35.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51409	23.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	57493	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds

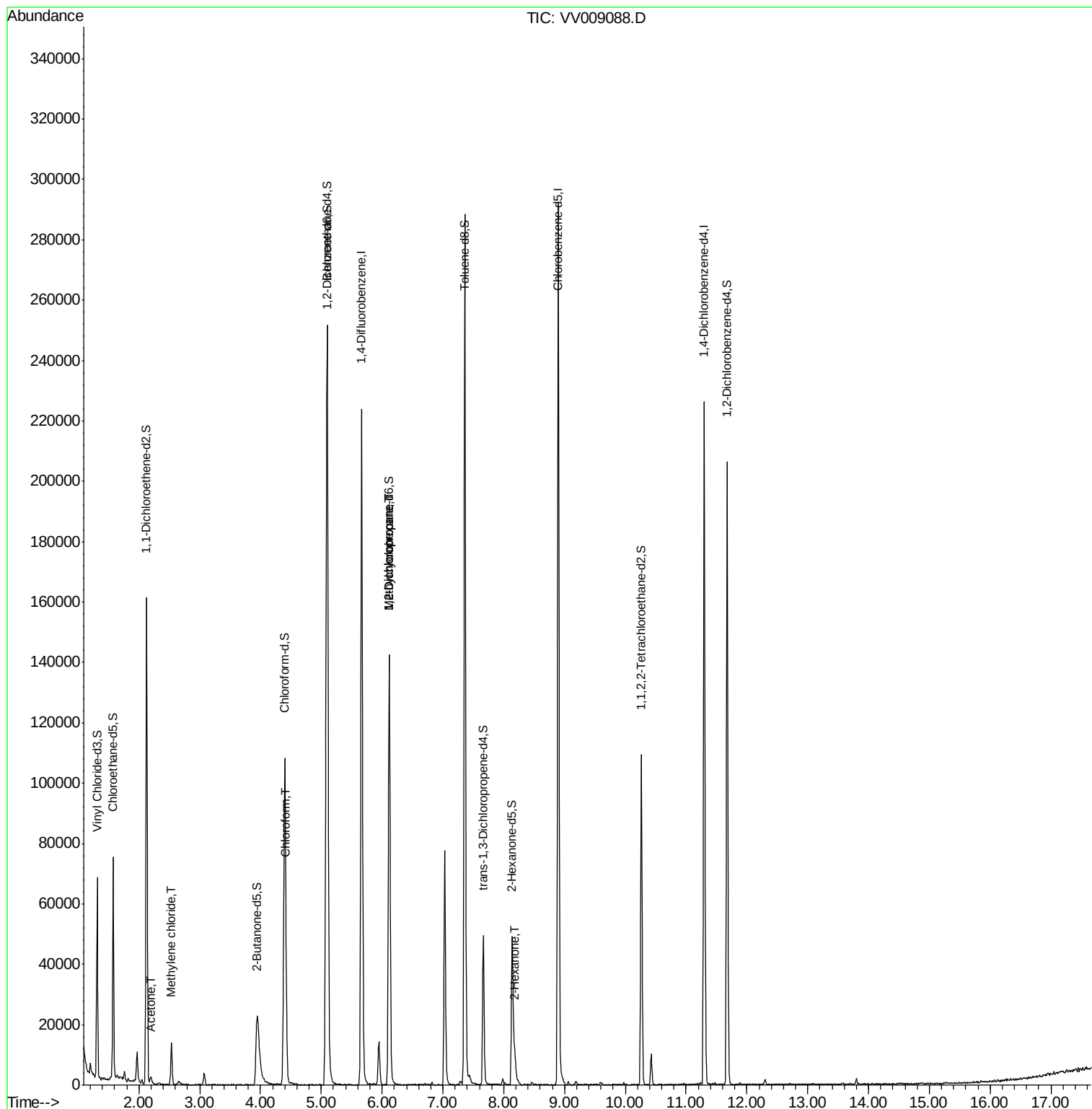
					Qvalue
13) Acetone	2.20	43	2883	2.610 ug/L	88
16) Methylene chloride	2.53	84	6094	1.818 ug/L	96
25) Chloroform	4.43	83	3560	0.738 ug/L	96
36) Methylcyclohexane	6.12	83	17446	3.625 ug/L #	20
40) 1,2-Dichloropropane	6.12	63	7944	3.307 ug/L #	85
49) 2-Hexanone	8.18	43	5570	4.147 ug/L #	73

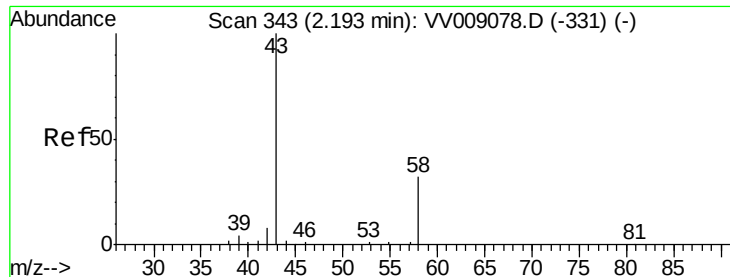
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 21 00:25:26 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.610 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV009088.D

Acq: 20 Dec 2018 17:02

Instrument :

MSVOA_V

ClientSampleId :

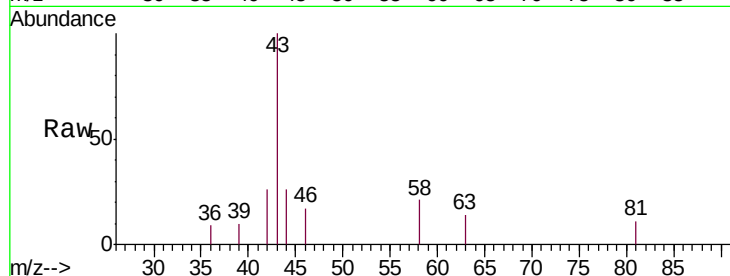
F9H11

Tgt Ion: 43 Resp: 2883

Ion Ratio Lower Upper

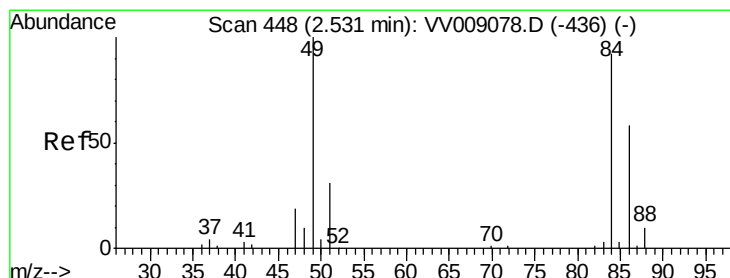
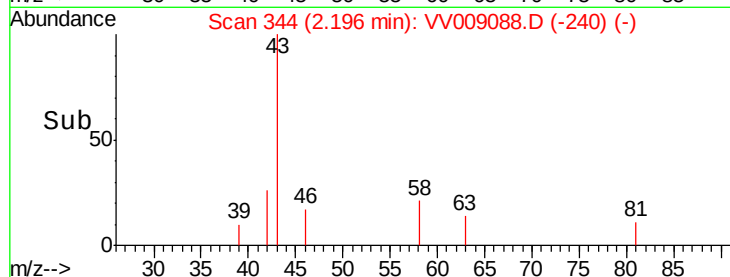
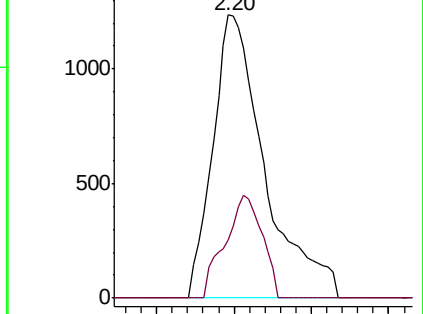
43 100

58 25.9 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009078.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009078.D (-331) (-)



#16

Methylene chloride

Concen: 1.818 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009088.D

Acq: 20 Dec 2018 17:02

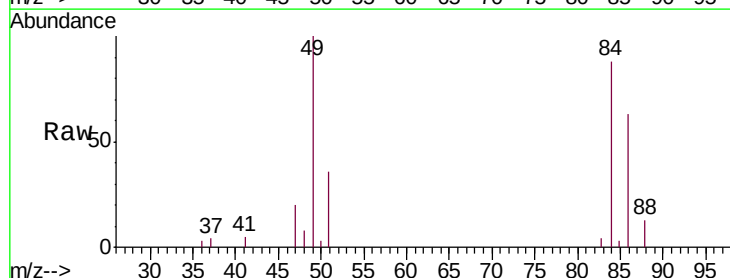
Tgt Ion: 84 Resp: 6094

Ion Ratio Lower Upper

84 100

49 113.1 80.5 149.5

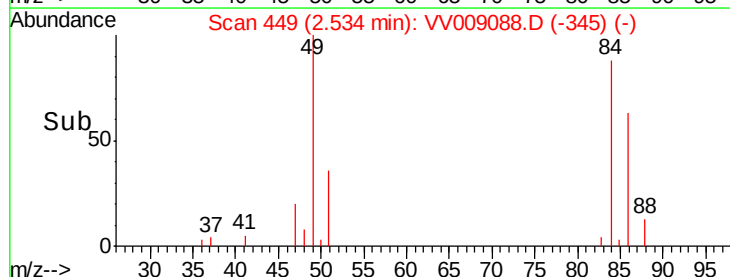
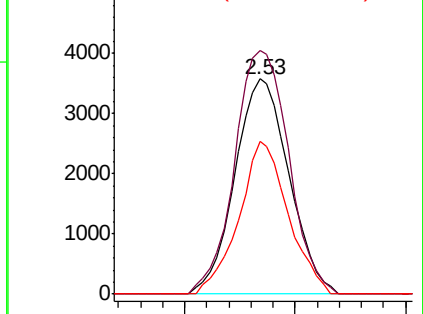
86 70.7 45.5 84.5

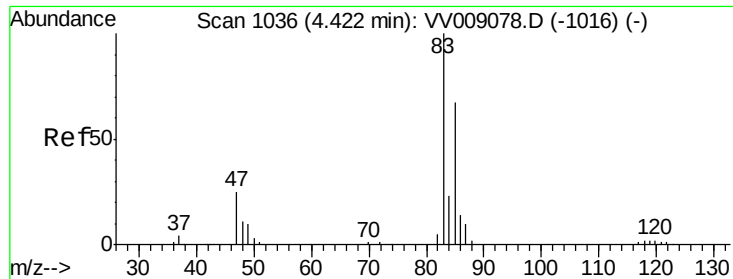


Abundance Ion 84.00 (83.70 to 84.70): VV009078.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009078.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009078.D (-436) (-)

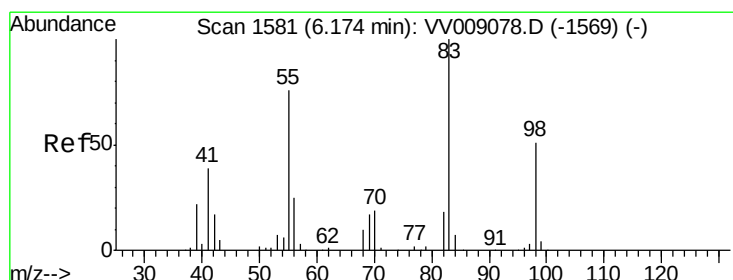
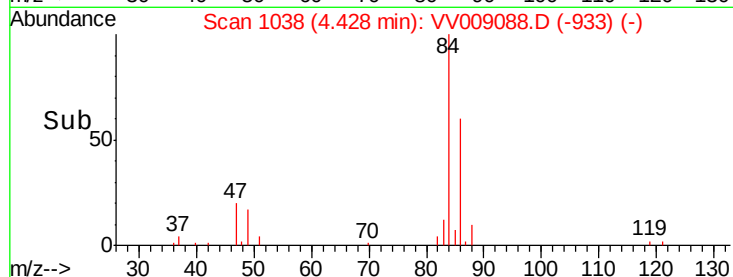
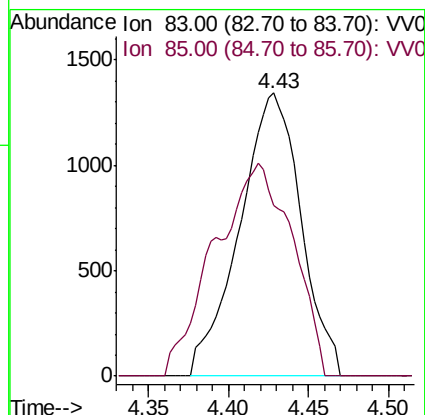
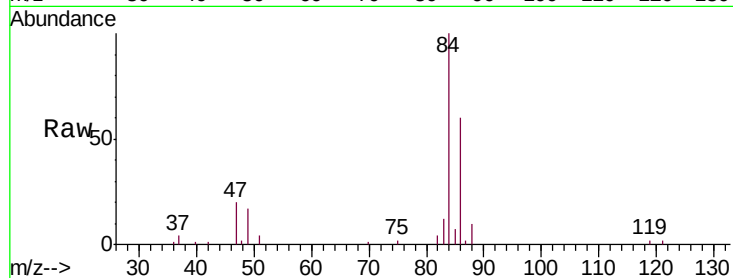




#25
Chloroform
Concen: 0.738 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009088.D
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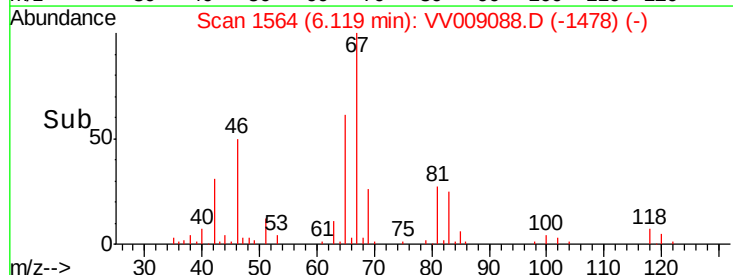
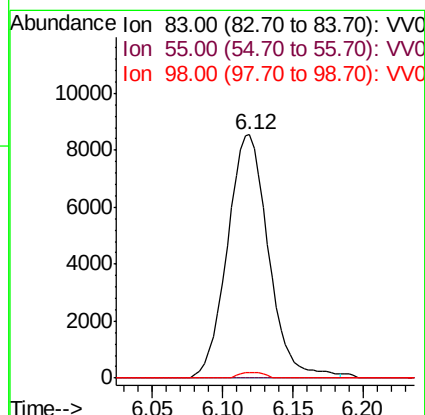
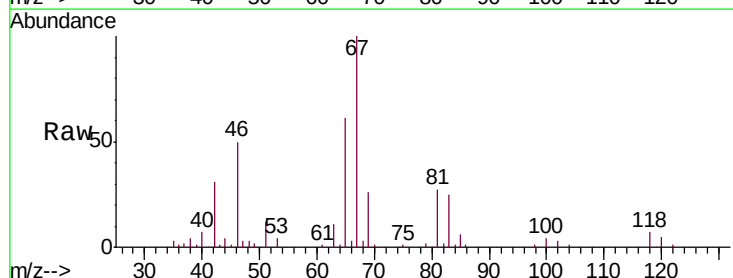
Instrument :
MSVOA_V
ClientSampled :
F9H11

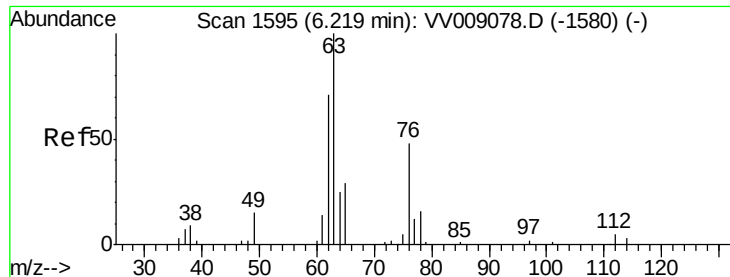
Tgt Ion: 83 Resp: 3560
Ion Ratio Lower Upper
83 100
85 68.7 45.6 84.8



#36
Methylcyclohexane
Concen: 3.625 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009088.D
Acq: 20 Dec 2018 17:02

Tgt Ion: 83 Resp: 17446
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.2#
98 0.9 37.8 56.8#

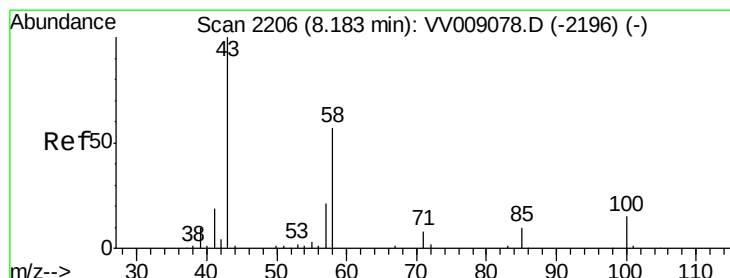
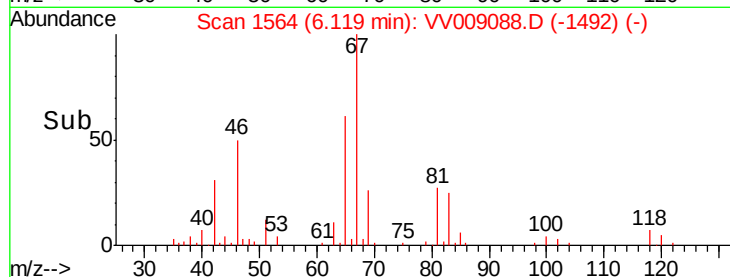
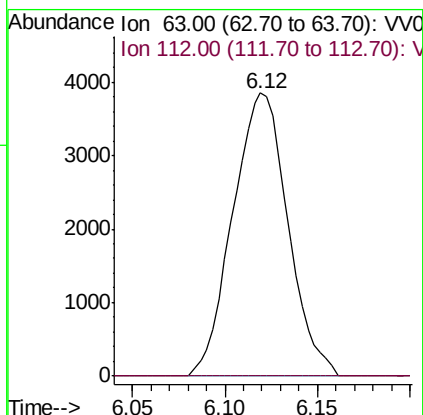
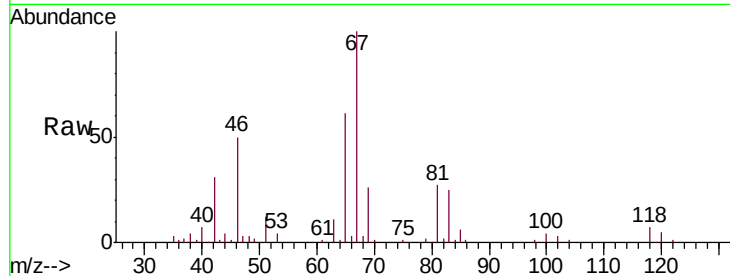




#40
 1,2-Dichloropropane
 Concen: 3.307 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009088.D
 Acq: 20 Dec 2018 17:02

Instrument :
 MSVOA_V
 ClientSampled :
 F9H11

Tgt Ion: 63 Resp: 7944
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#49
 2-Hexanone
 Concen: 4.147 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: VV009088.D
 Acq: 20 Dec 2018 17:02

Tgt Ion: 43 Resp: 5570
 Ion Ratio Lower Upper
 43 100
 58 38.5 43.9 65.9#
 57 1.3 15.7 23.5#
 100 3.9 11.0 16.4#

