

Data File : VV010785.D
Acq On : 10 May 2019 00:31
Operator : SY/MD
Sample : K2693-12RE
Misc : 4.30G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH62

Quant Time: May 10 07:57:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	90516	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	82836	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26494	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22939	16.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.24%
7) Chloroethane-d5	1.57	69	23563	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.44%
10) 1,1-Dichloroethene-d2	2.13	63	41305	13.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.16%
20) 2-Butanone-d5	3.93	46	12726	30.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.32%
24) Chloroform-d	4.40	84	50750	20.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.24%
26) 1,2-Dichloroethane-d4	5.08	65	30786	19.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.92%
29) Benzene-d6	5.10	84	100240	22.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.96%
33) 1,2-Dichloropropane-d6	6.12	67	33068	23.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.20%
37) Toluene-d8	7.36	98	87438	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.76%
38) trans-1,3-Dichloropropene-	7.66	79	11350	17.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.68%
39) 2-Hexanone-d5	8.13	63	8625	29.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	22801	17.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	22036	21.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.92%

Target Compounds

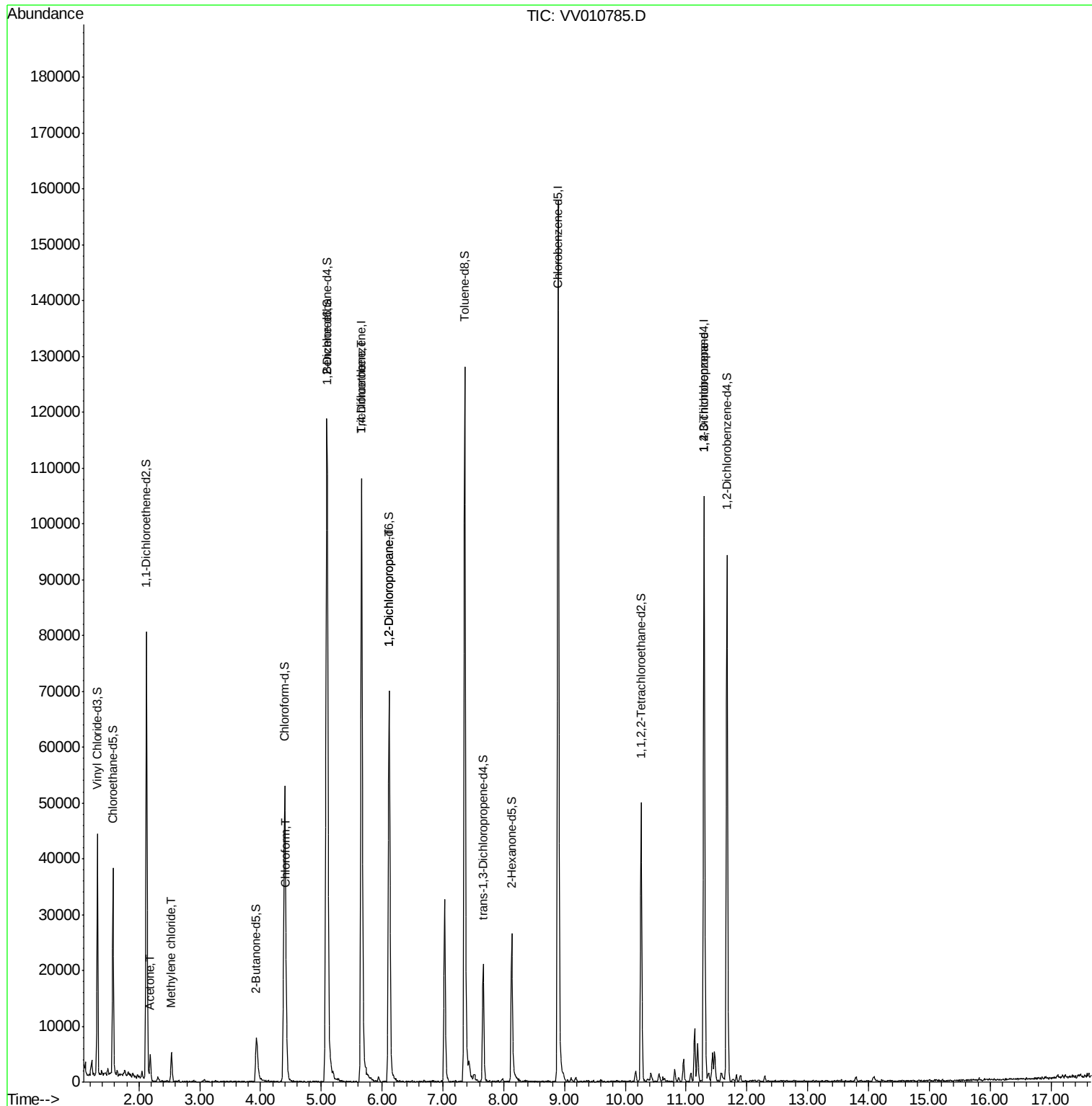
					Qvalue
13) Acetone	2.19	43	2968	4.543 ug/L	99
16) Methylene chloride	2.53	84	2098	1.499 ug/L	84
25) Chloroform	4.43	83	2815	1.028 ug/L	89
35) Trichloroethene	5.66	95	2677	1.965 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	3829	2.960 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	3716	3.420 ug/L	98

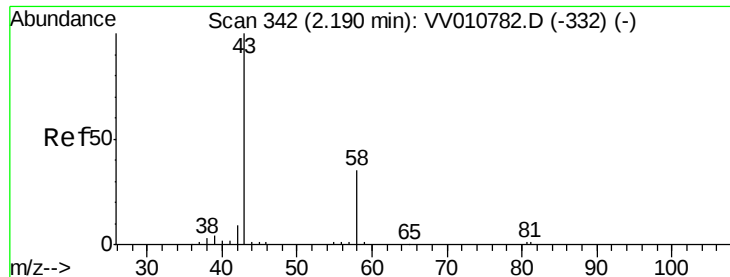
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 10 07:54:34 2019
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#13

Acetone

Concen: 4.543 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010785.D

Acq: 10 May 2019 00:31

Instrument :

MSVOA_V

ClientSampleId :

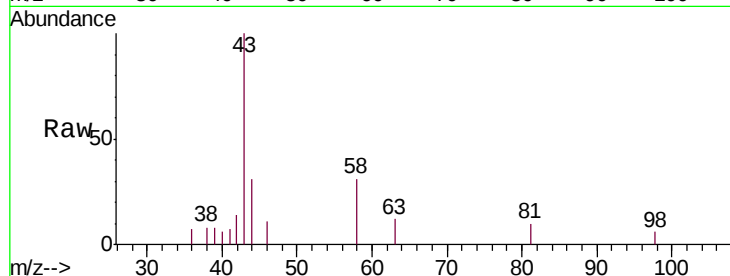
BFH62

Tgt Ion: 43 Resp: 2968

Ion Ratio Lower Upper

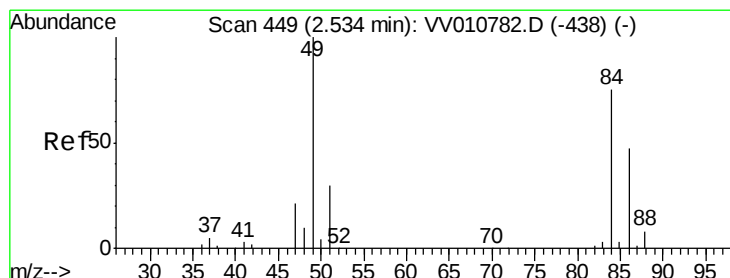
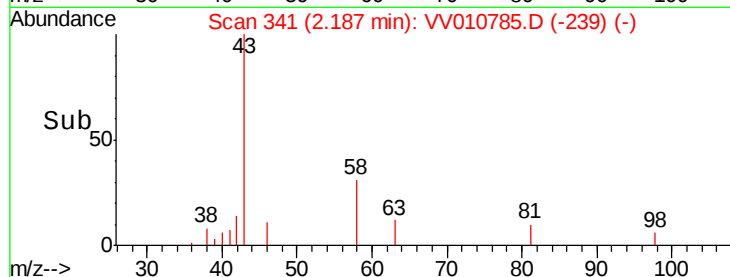
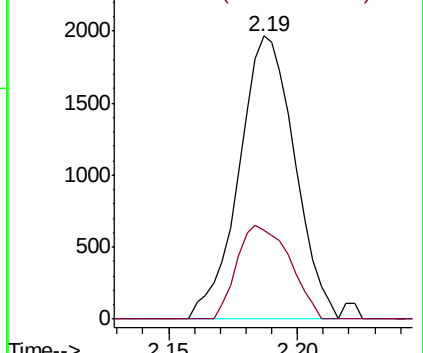
43 100

58 31.4 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010785.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010785.D (-332) (-)



#16

Methylene chloride

Concen: 1.499 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010785.D

Acq: 10 May 2019 00:31

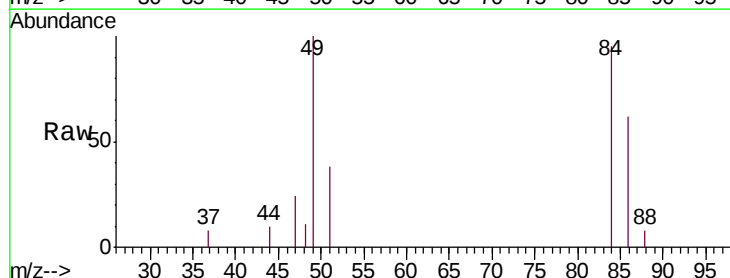
Tgt Ion: 84 Resp: 2098

Ion Ratio Lower Upper

84 100

49 105.2 92.9 172.5

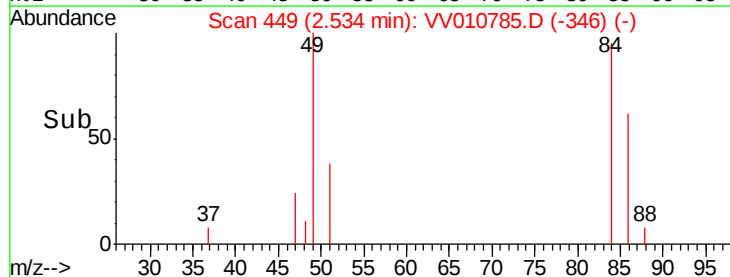
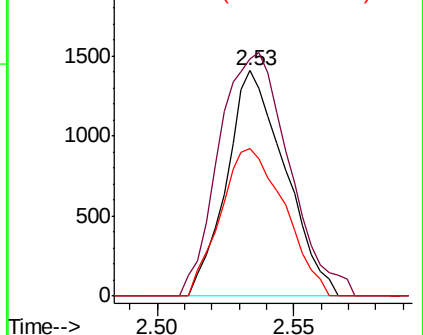
86 65.4 46.5 86.5

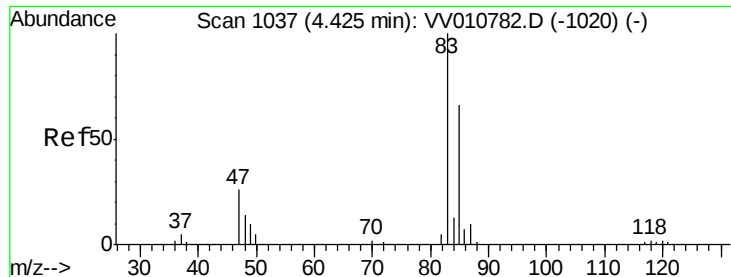


Abundance Ion 84.00 (83.70 to 84.70): VV010785.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV010785.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV010785.D (-346) (-)

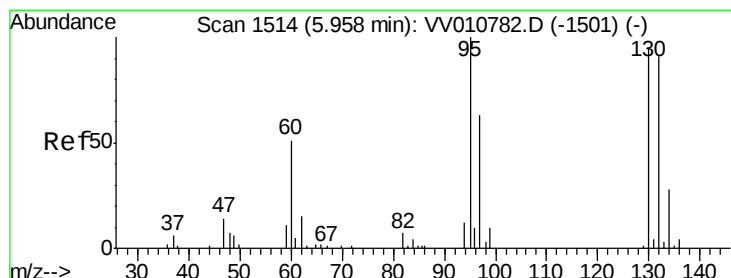
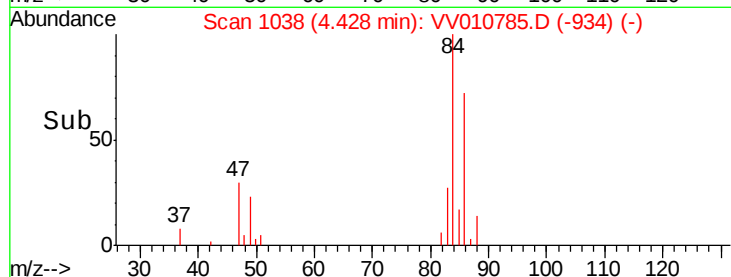
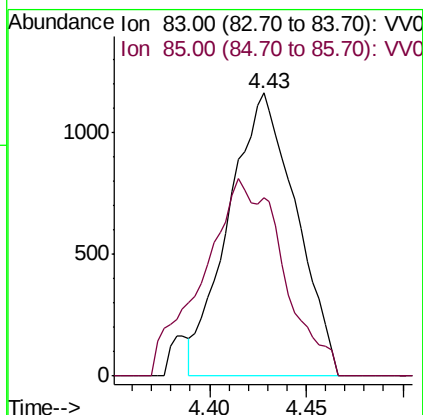
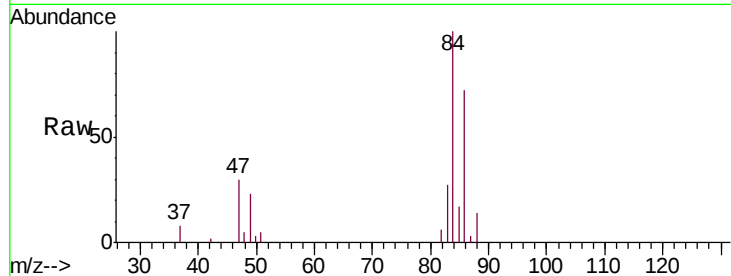




#25
Chloroform
Concen: 1.028 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010785.D
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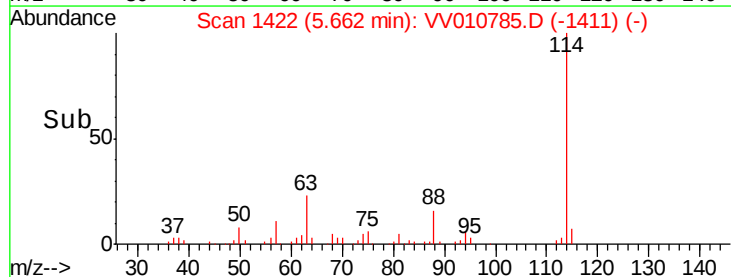
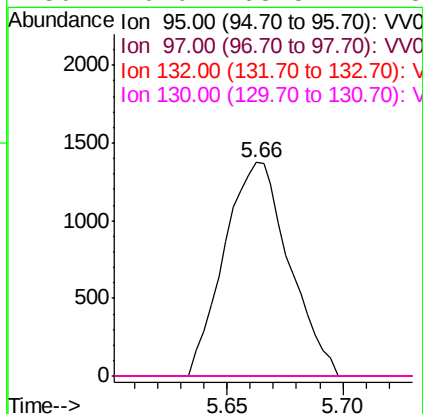
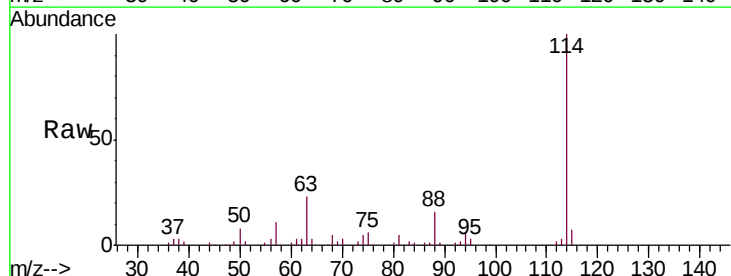
Instrument :
MSVOA_V
ClientSampled :
BFH62

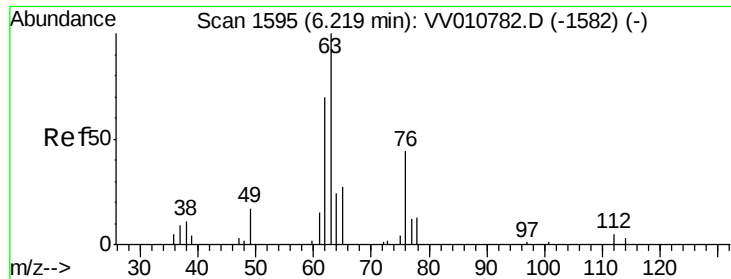
Tgt Ion: 83 Resp: 2815
Ion Ratio Lower Upper
83 100
85 54.9 44.6 82.8



#35
Trichloroethene
Concen: 1.965 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV010785.D
Acq: 10 May 2019 00:31

Tgt Ion: 95 Resp: 2677
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 62.4 115.8#
130 0.0 68.5 127.3#

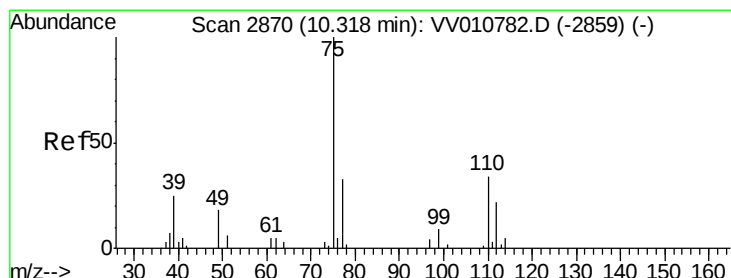
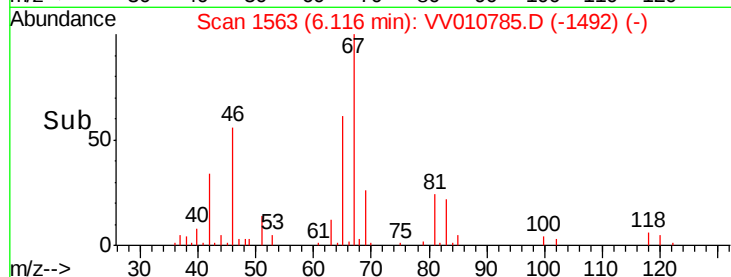
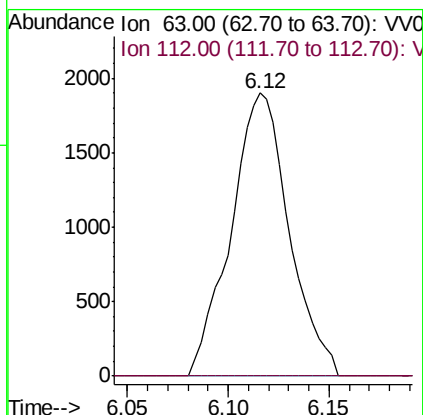
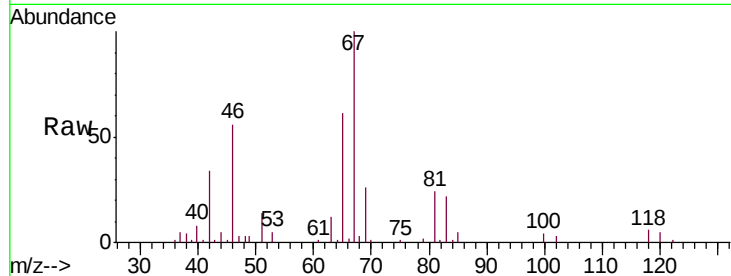




#40
 1,2-Dichloropropane
 Concen: 2.960 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010785.D
 Acq: 10 May 2019 00:31

Instrument :
 MSVOA_V
 ClientSampled :
 BFH62

Tgt Ion: 63 Resp: 3829
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 3.420 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010785.D
 Acq: 10 May 2019 00:31

Tgt Ion: 75 Resp: 3716
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.6

