

Data File : VV010759.D
Acq On : 09 May 2019 09:02
Operator : SY/MD
Sample : K2693-09
Misc : 4.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHE8

Quant Time: May 10 02:09:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	75975	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	74120	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26632	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	20086	17.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.08%
7) Chloroethane-d5	1.57	69	22047	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
10) 1,1-Dichloroethene-d2	2.12	63	36295	14.18	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	3.92	46	14456	40.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.64%
24) Chloroform-d	4.39	84	52042	25.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.48%
26) 1,2-Dichloroethane-d4	5.07	65	36269	28.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.16%
29) Benzene-d6	5.09	84	103193	26.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.80%
33) 1,2-Dichloropropane-d6	6.12	67	36833	29.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.52%
37) Toluene-d8	7.36	98	90583	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	7.66	79	12064	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	8.13	63	10557	40.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25161	21.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	26677	25.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.44%

Target Compounds

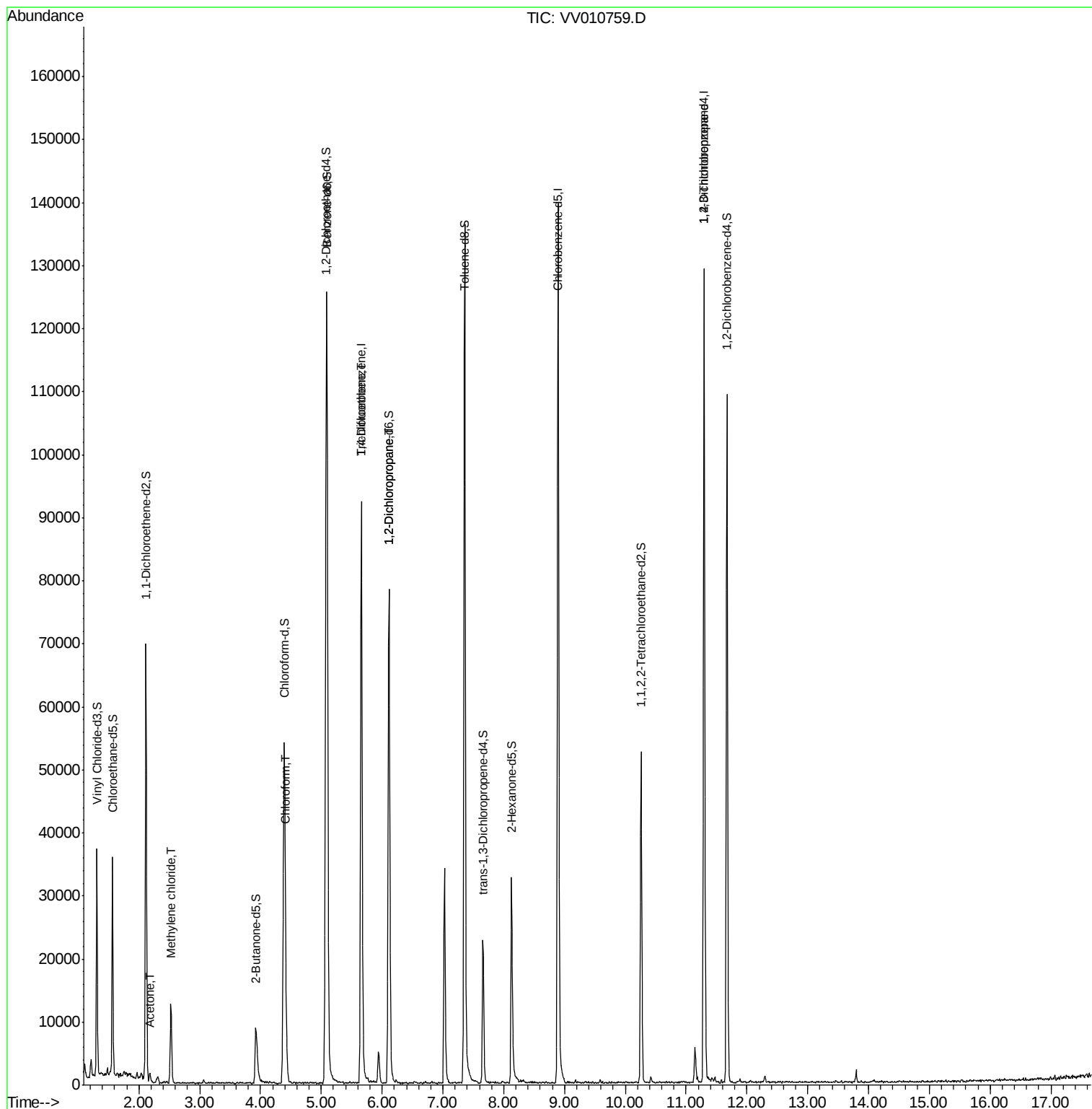
					Qvalue
13) Acetone	2.18	43	1181	2.154 ug/L	98
16) Methylene chloride	2.53	84	5096	4.338 ug/L	94
25) Chloroform	4.42	83	4331	1.884 ug/L	82
35) Trichloroethene	5.66	95	2231	1.830 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	4353	3.761 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	3480	3.579 ug/L #	75

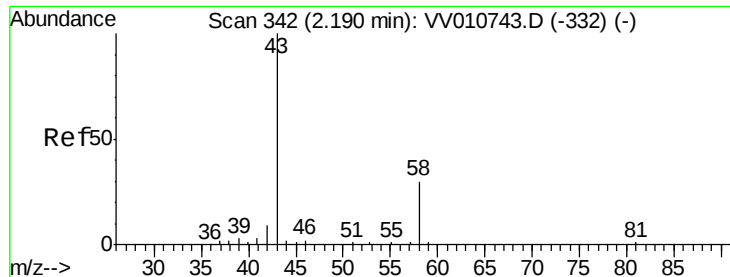
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010759.D
Acq On : 09 May 2019 09:02
Operator : SY/MD
Sample : K2693-09
Misc : 4.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHE8

Quant Time: May 10 02:09:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.154 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010759.D

Acq: 09 May 2019 09:02

Instrument :

MSVOA_V

ClientSampled :

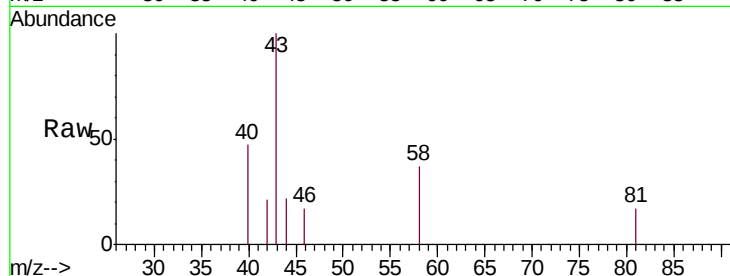
BFHE8

Tgt Ion: 43 Resp: 1181

Ion Ratio Lower Upper

43 100

58 33.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010743.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010743.D (-332) (-)

2.18

800

600

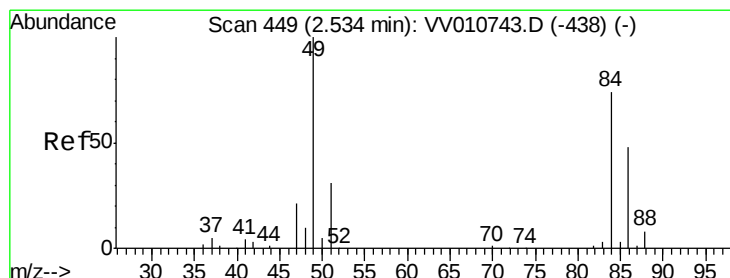
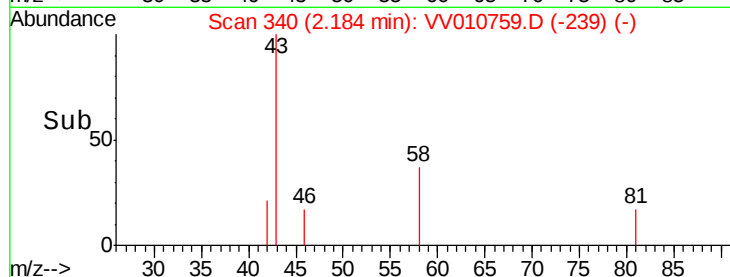
400

200

0

Time-->

2.14 2.16 2.18 2.20 2.22



#16

Methylene chloride

Concen: 4.338 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010759.D

Acq: 09 May 2019 09:02

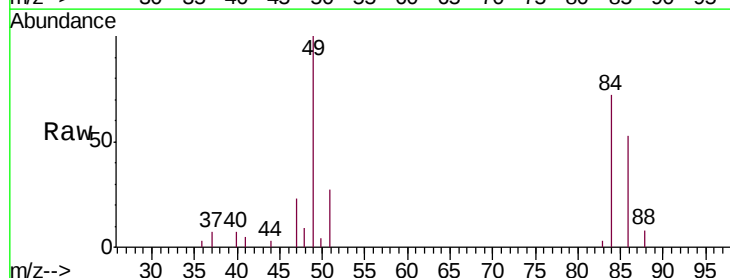
Tgt Ion: 84 Resp: 5096

Ion Ratio Lower Upper

84 100

49 138.7 92.9 172.5

86 73.2 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010743.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010743.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010743.D (-438) (-)

5000

4000

3000

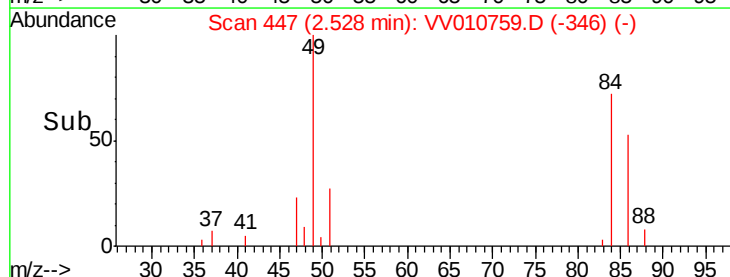
2000

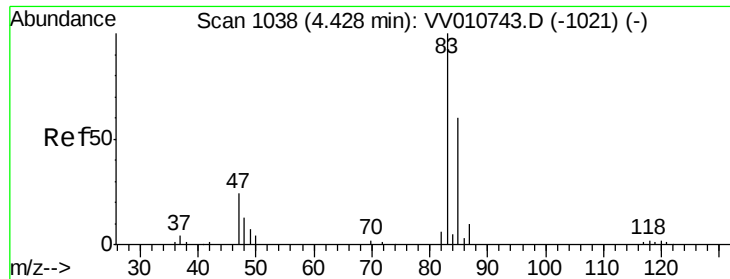
1000

0

Time-->

2.50 2.53 2.55

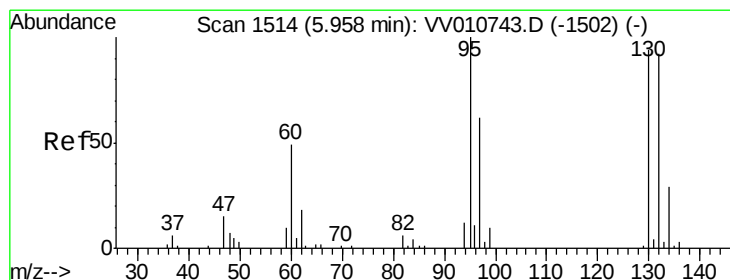
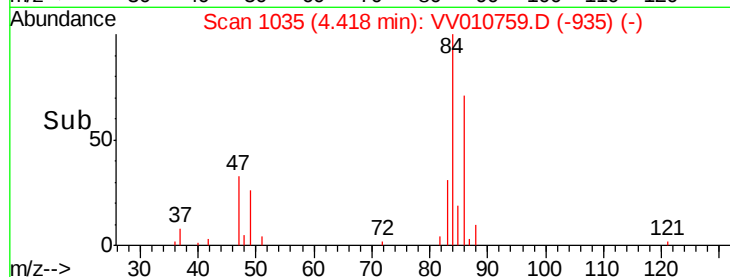
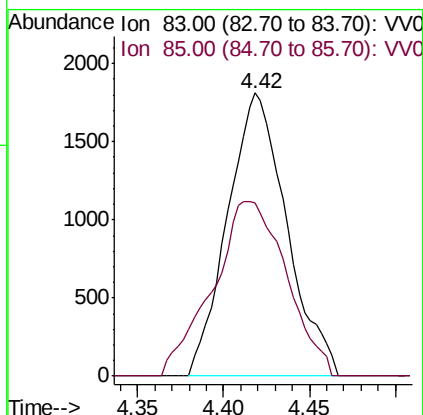
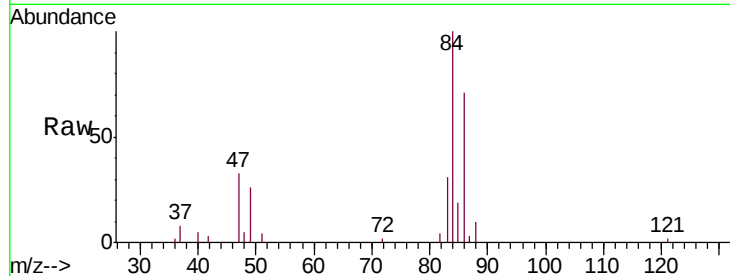




#25
Chloroform
Concen: 1.884 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010759.D
Acq: 09 May 2019 09:02

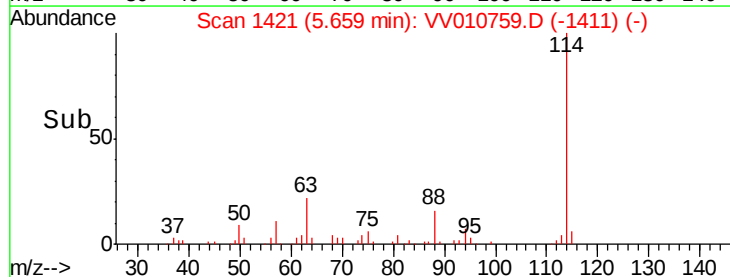
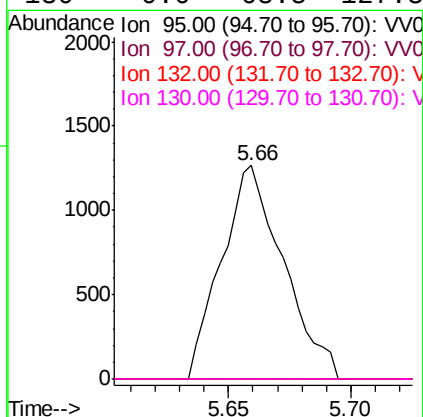
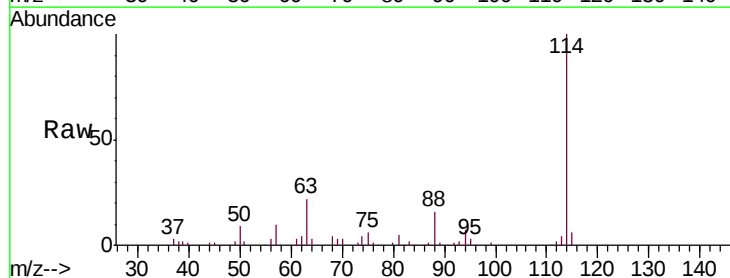
Instrument :
MSVOA_V
ClientSampleId :
BFHE8

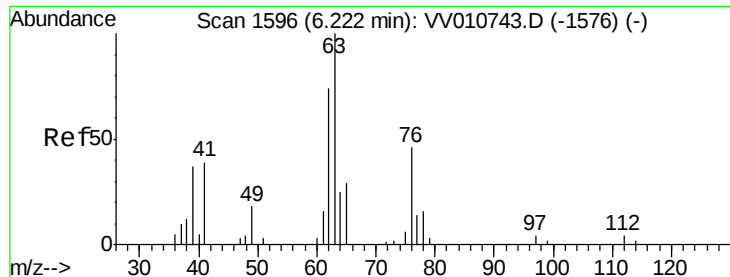
Tgt Ion: 83 Resp: 4331
Ion Ratio Lower Upper
83 100
85 77.4 44.6 82.8



#35
Trichloroethene
Concen: 1.830 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010759.D
Acq: 09 May 2019 09:02

Tgt Ion: 95 Resp: 2231
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#

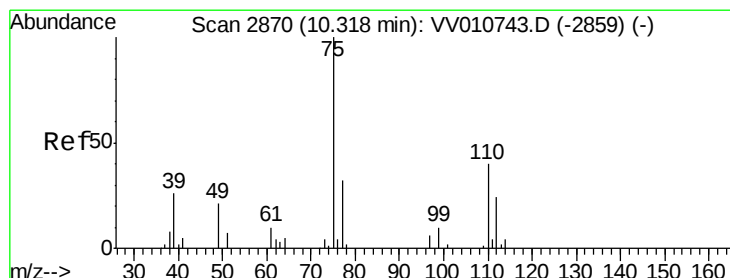
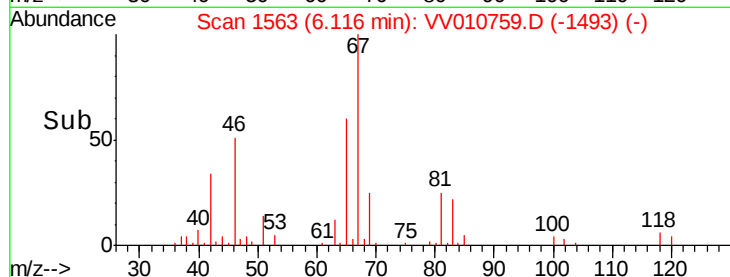
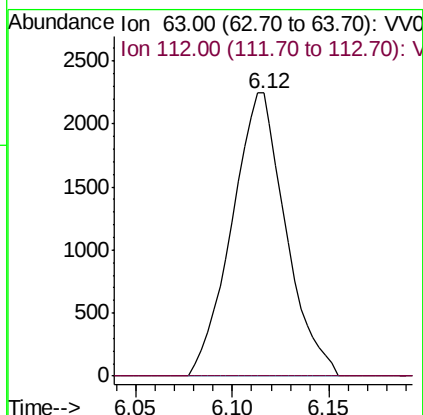
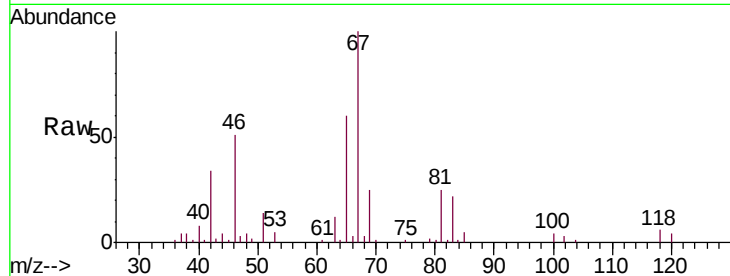




#40
 1,2-Dichloropropane
 Concen: 3.761 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV010759.D
 Acq: 09 May 2019 09:02

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHE8

Tgt Ion: 63 Resp: 4353
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 3.579 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010759.D
 Acq: 09 May 2019 09:02

Tgt Ion: 75 Resp: 3480
 Ion Ratio Lower Upper
 75 100
 77 44.9 25.0 37.6#

