

Data File : VV010760.D
Acq On : 09 May 2019 09:30
Operator : SY/MD
Sample : K2633-14
Misc : 5.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA6

Quant Time: May 10 02:09:24 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	109152	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	100819	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33513	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.04%
7) Chloroethane-d5	1.58	69	31966	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.64%
10) 1,1-Dichloroethene-d2	2.12	63	60303	16.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.60%
20) 2-Butanone-d5	3.93	46	11343	22.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.58%
24) Chloroform-d	4.40	84	56871	19.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.44%
26) 1,2-Dichloroethane-d4	5.08	65	32751	17.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.48%
29) Benzene-d6	5.09	84	123728	23.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.28%
33) 1,2-Dichloropropane-d6	6.11	67	37090	21.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.72%
37) Toluene-d8	7.36	98	113053	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.00%
38) trans-1,3-Dichloropropene-	7.66	79	12196	15.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.28%
39) 2-Hexanone-d5	8.14	63	7564	21.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	21168	13.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	53.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	31777	21.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.60%

Target Compounds

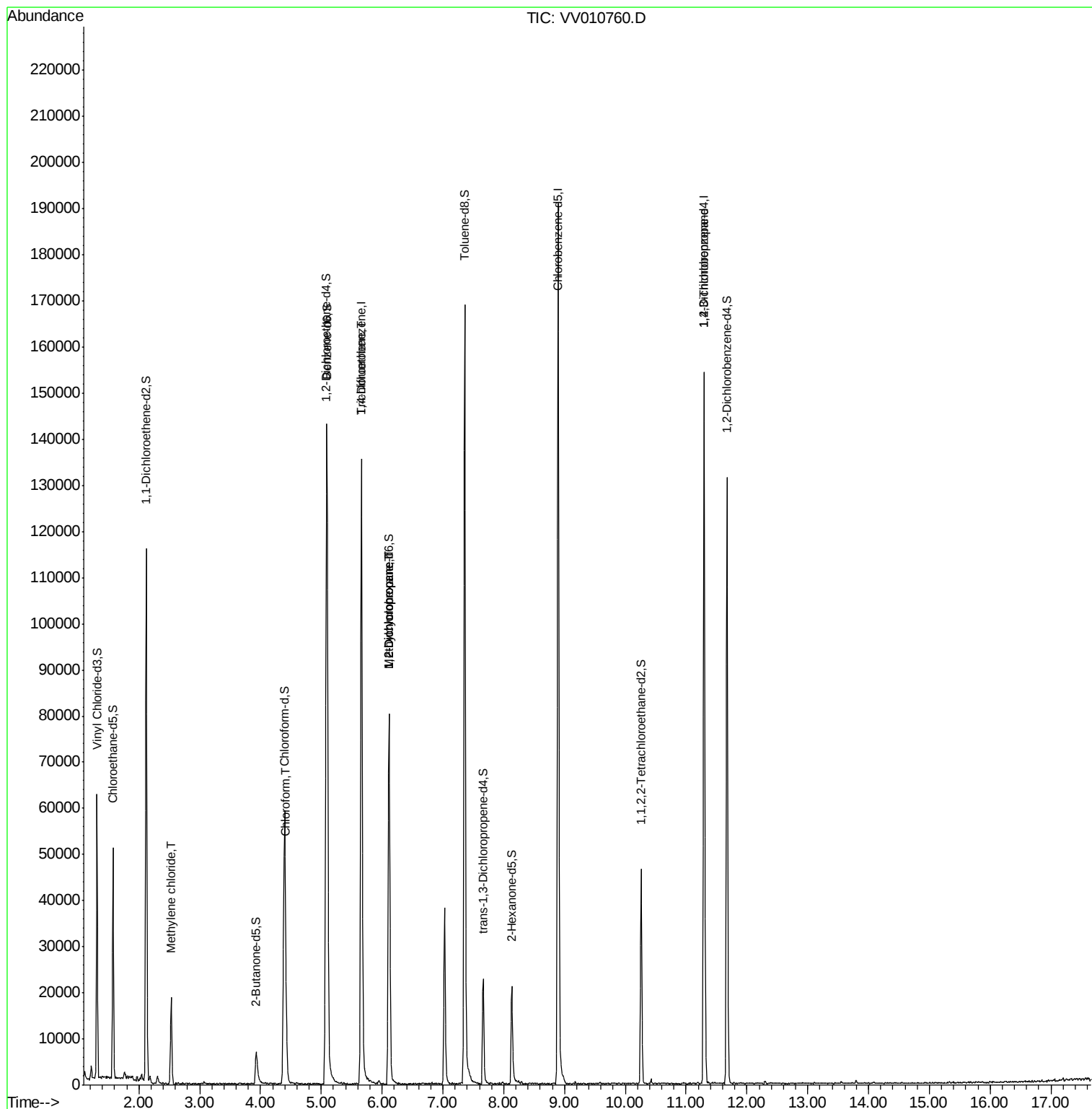
						Qvalue
16) Methylene chloride	2.53	84	6996	4.145	ug/L	96
25) Chloroform	4.42	83	7262	2.198	ug/L	93
35) Trichloroethene	5.66	95	3464	2.089	ug/L #	7
36) Methylcyclohexane	6.12	83	8764	3.298	ug/L #	17
40) 1,2-Dichloropropane	6.12	63	4154	2.638	ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	5420	4.098	ug/L #	87

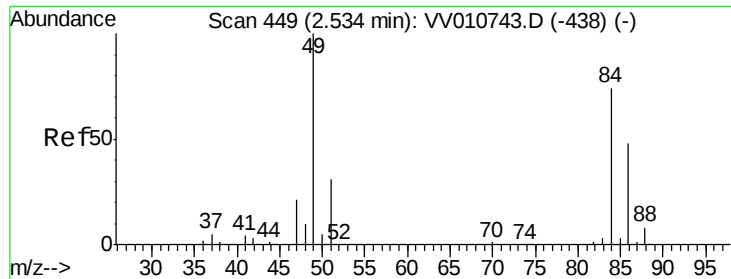
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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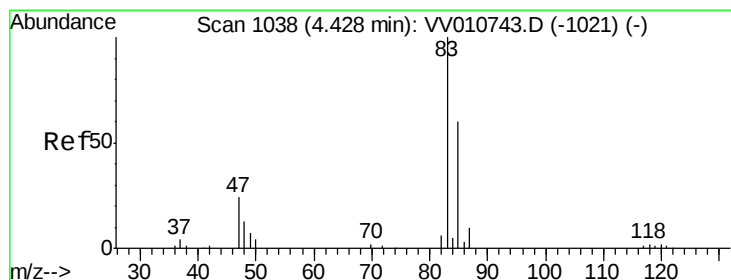
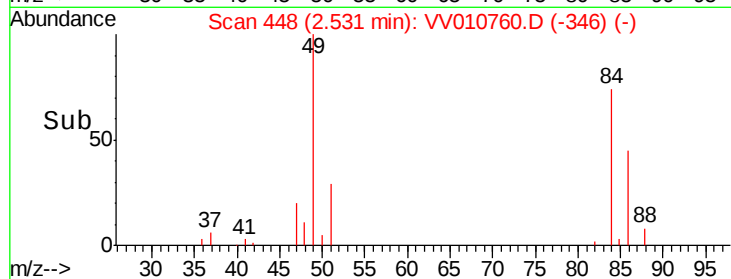
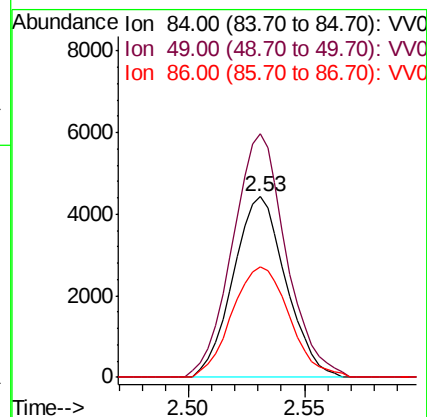
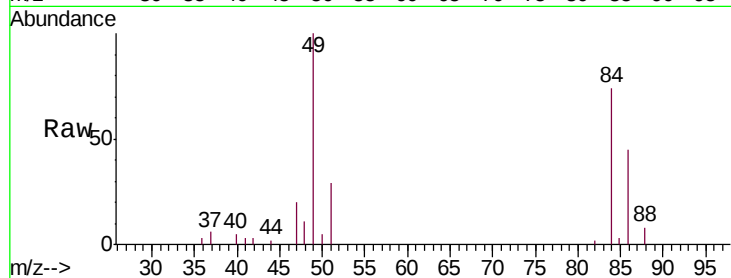




#16
Methylene chloride
Concen: 4.145 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010760.D
Acq: 09 May 2019 09:30

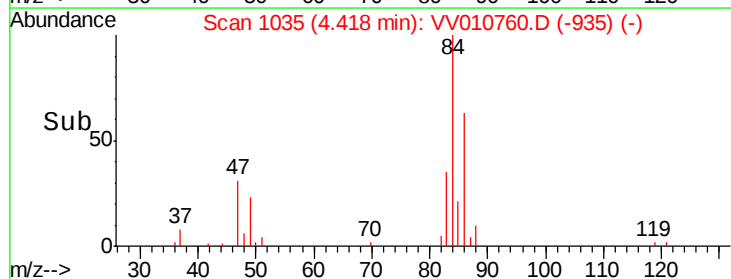
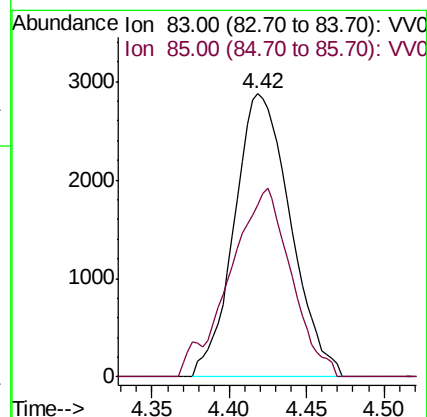
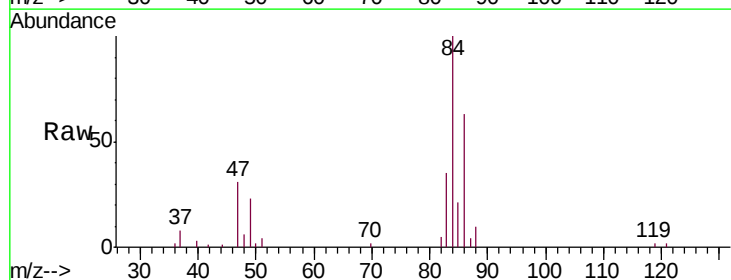
Instrument :
MSVOA_V
ClientSampled :
GAJA6

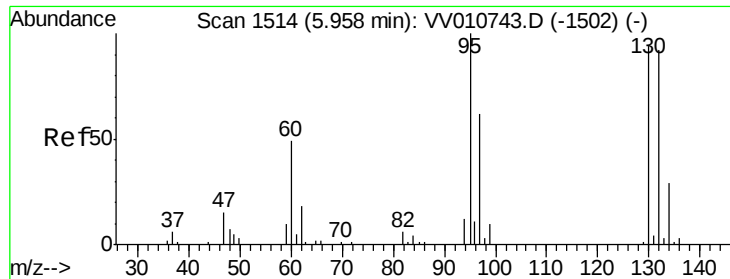
Tgt Ion: 84 Resp: 6996
Ion Ratio Lower Upper
84 100
49 134.8 92.9 172.5
86 60.9 46.5 86.5



#25
Chloroform
Concen: 2.198 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010760.D
Acq: 09 May 2019 09:30

Tgt Ion: 83 Resp: 7262
Ion Ratio Lower Upper
83 100
85 69.3 44.6 82.8





#35

Trichloroethene

Concen: 2.089 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

Lab File: VV010760.D

Acq: 09 May 2019 09:30

Instrument :

MSVOA_V

ClientSampleId :

GAJA6

Tgt Ion: 95 Resp: 3464

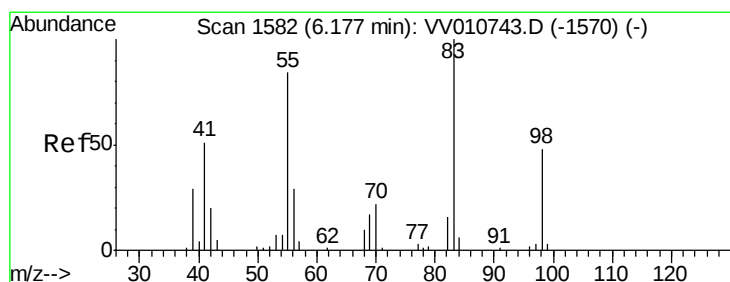
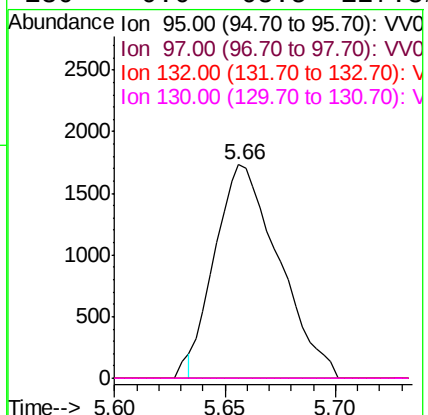
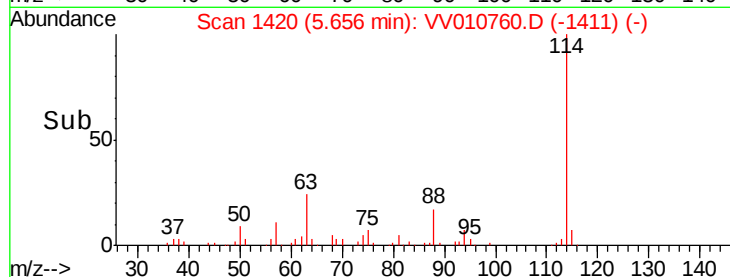
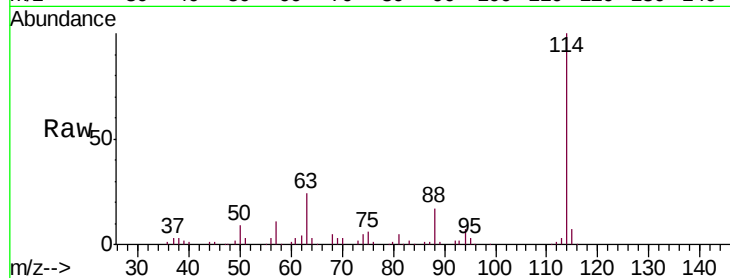
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#36

Methylcyclohexane

Concen: 3.298 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010760.D

Acq: 09 May 2019 09:30

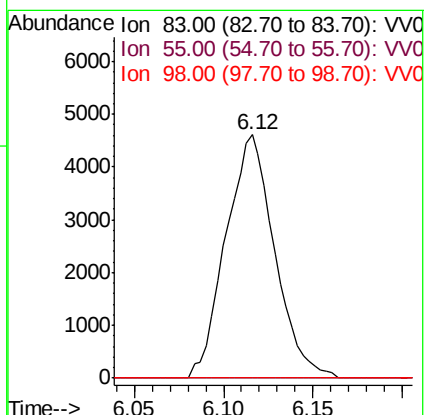
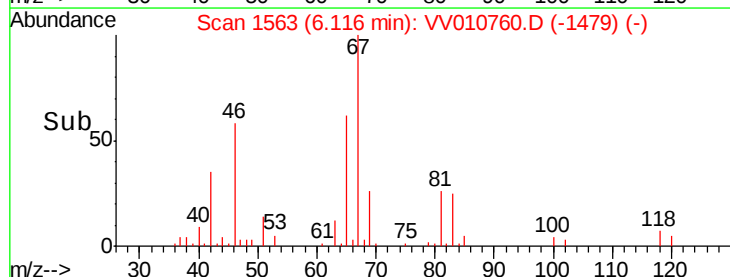
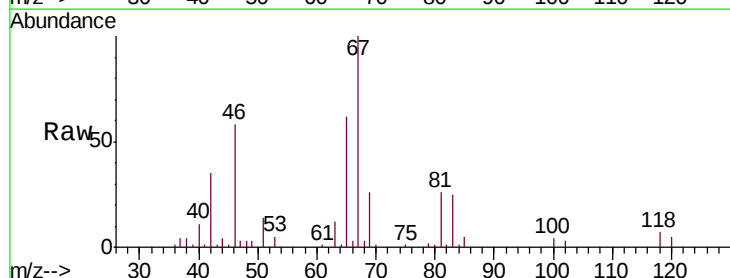
Tgt Ion: 83 Resp: 8764

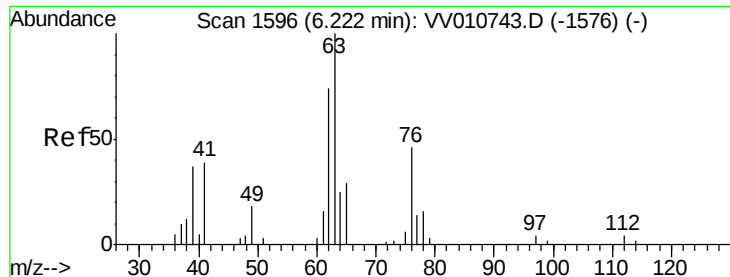
Ion Ratio Lower Upper

83 100

55 0.0 64.6 96.8#

98 0.7 37.7 56.5#

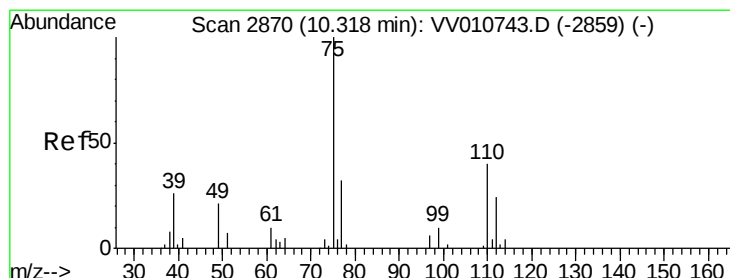
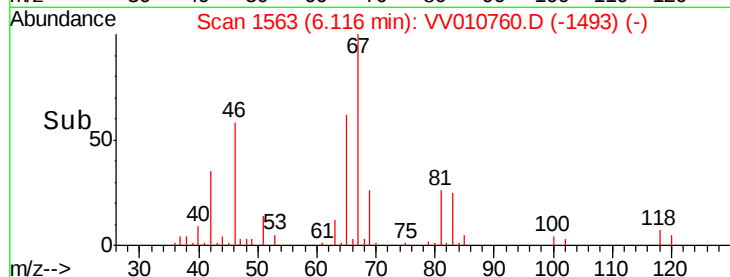
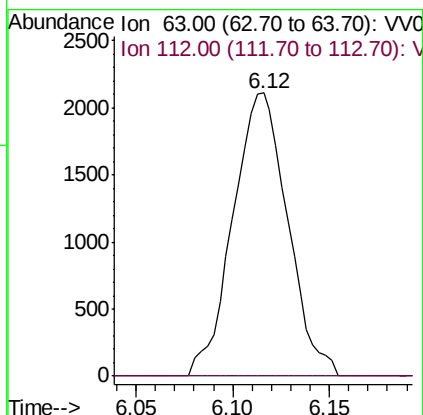
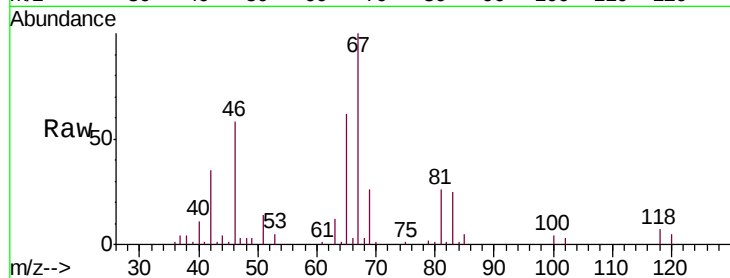




#40
 1,2-Dichloropropane
 Concen: 2.638 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV010760.D
 Acq: 09 May 2019 09:30

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJA6

Tgt Ion: 63 Resp: 4154
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.098 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010760.D
 Acq: 09 May 2019 09:30

Tgt Ion: 75 Resp: 5420
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.0 37.6#

