

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062419\
 Data File : VV011725.D
 Acq On : 24 Jun 2019 12:18
 Operator : SY/MD
 Sample : VV0624WBL01
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 08:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 25 08:19:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	184900	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	168084	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50559	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.57	69	39966	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.12	63	81314	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.95	46	144273	44.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.26%
24) Chloroform-d	4.40	84	106608	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	60474	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.09	84	221876	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.12	67	70116	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	194321	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.66	79	20933	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.13	63	108824	45.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45183	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	64928	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

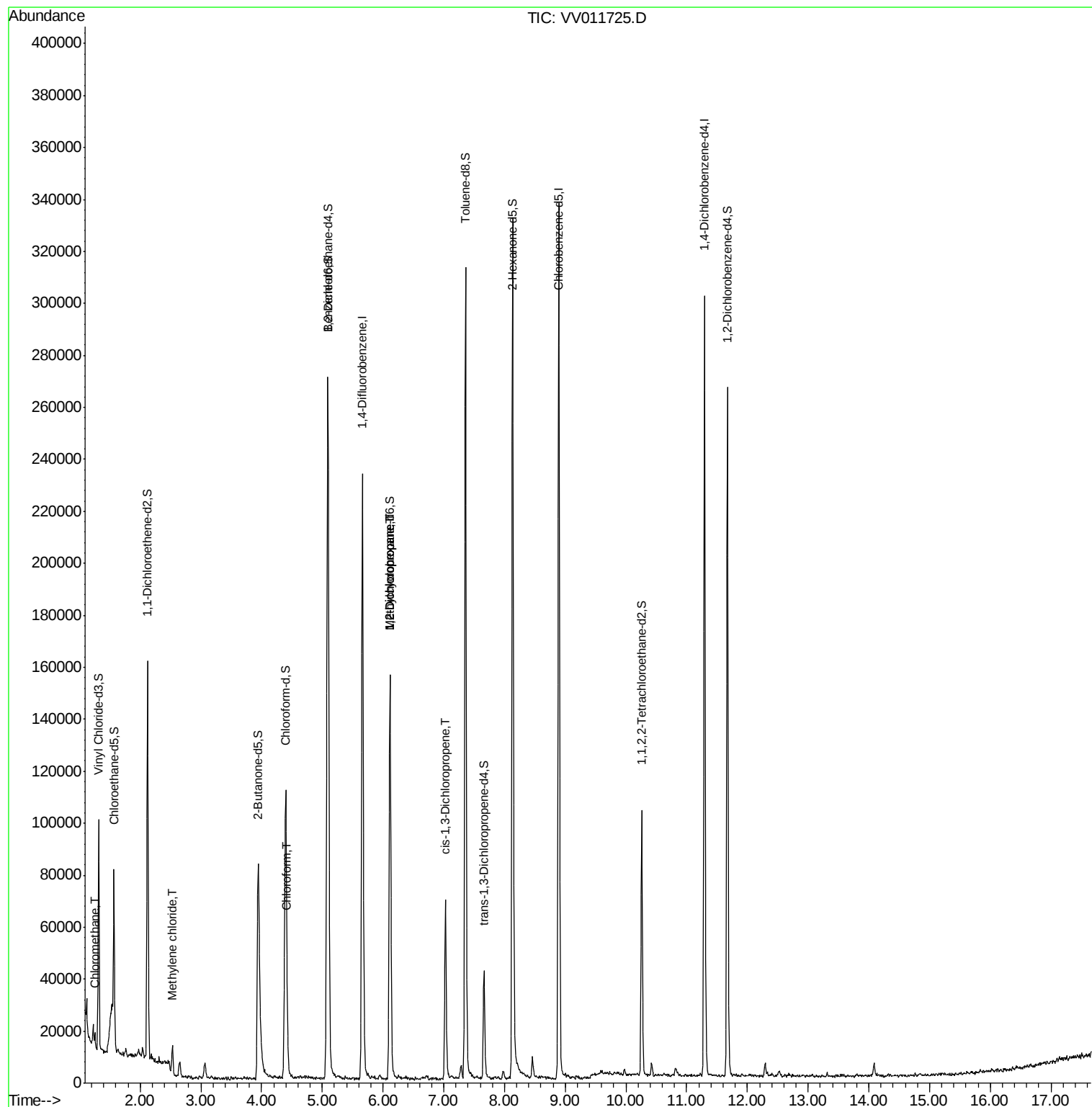
					Ovalue
3) Chloromethane	1.25	50	3224	0.185 ug/L	91
16) Methylene chloride	2.53	84	4793	0.376 ug/L	86
25) Chloroform	4.43	83	3809	0.130 ug/L	98
35) Methylcyclohexane	6.12	83	16414	0.688 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	8507	0.601 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1857	0.100 ug/L #	48

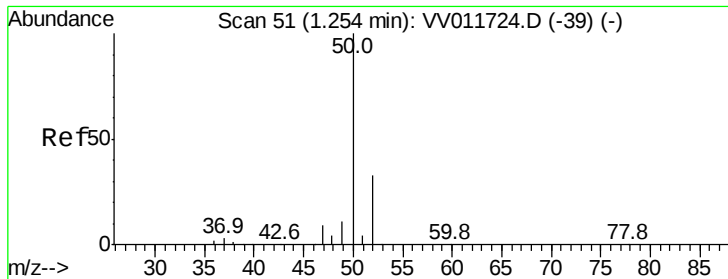
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.185 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV011725.D

Acq: 24 Jun 2019 12:18

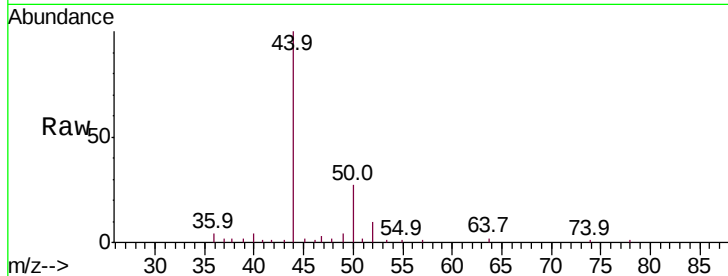
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 3224

Ion Ratio Lower Upper

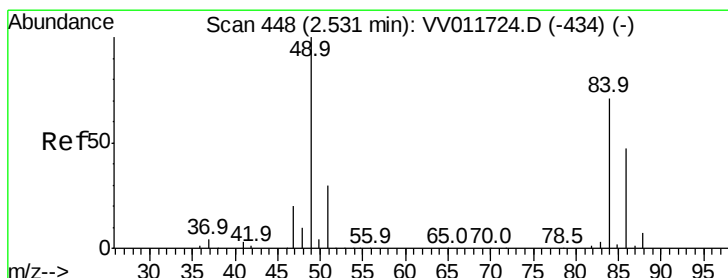
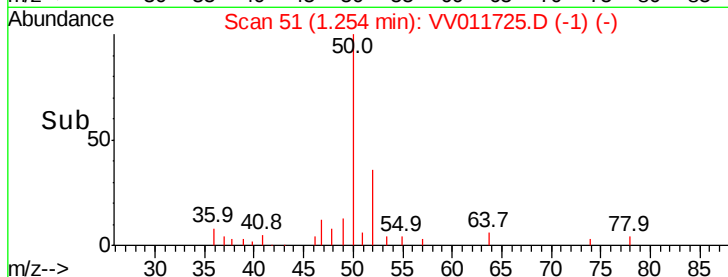
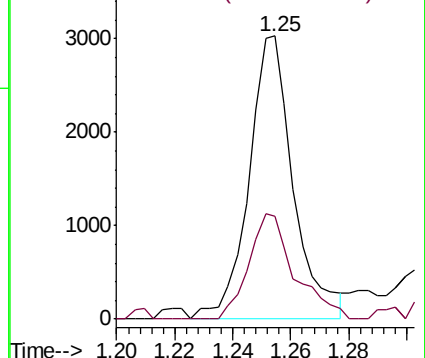
50 100

52 36.5 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#16

Methylene chloride

Concen: 0.376 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV011725.D

Acq: 24 Jun 2019 12:18

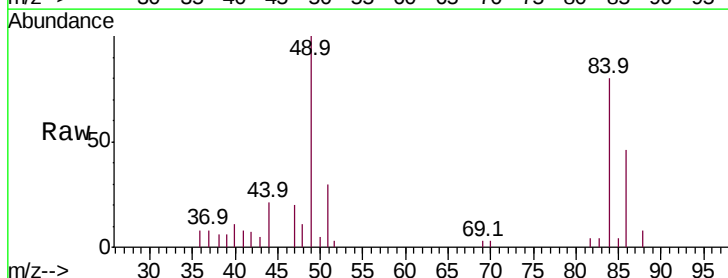
Tgt Ion: 84 Resp: 4793

Ion Ratio Lower Upper

84 100

86 57.6 44.9 83.5

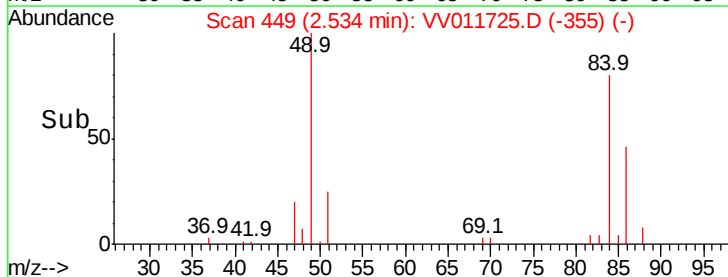
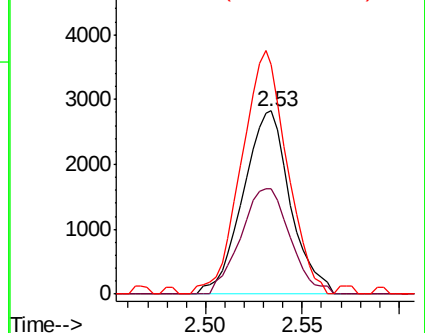
49 125.2 101.4 188.2

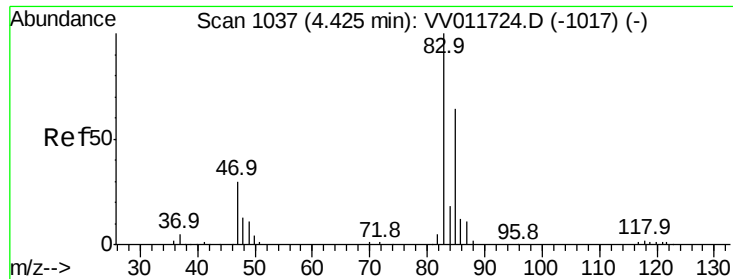


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

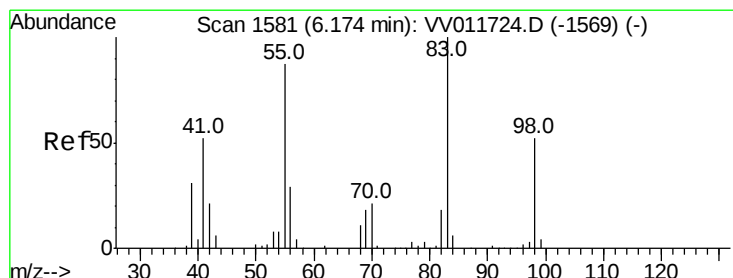
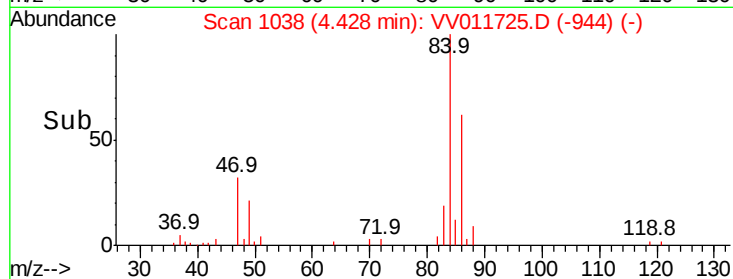
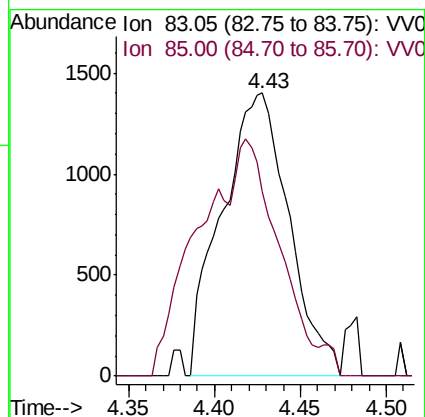
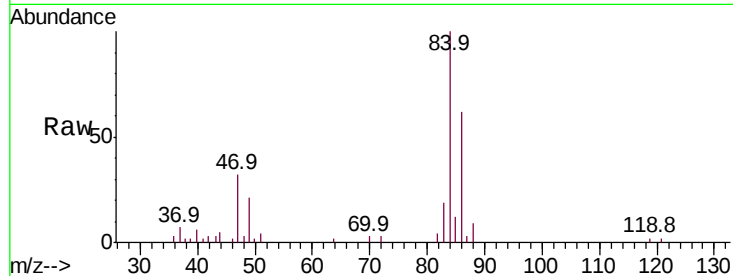




#25
Chloroform
Concen: 0.130 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011725.D
Acq: 24 Jun 2019 12:18

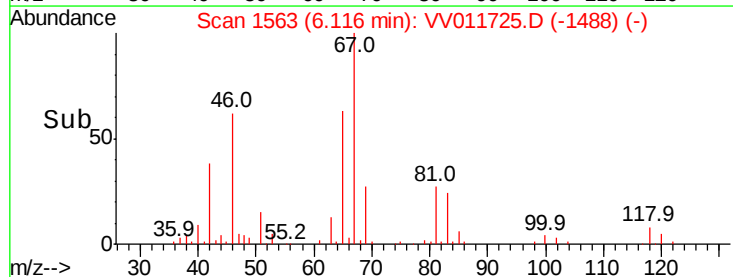
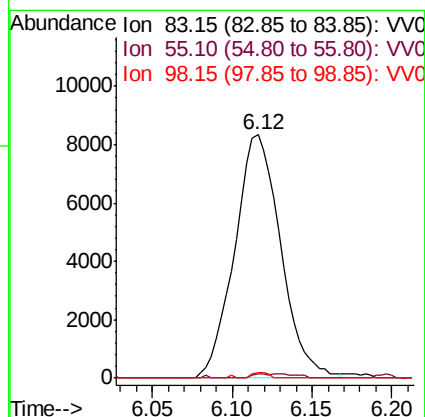
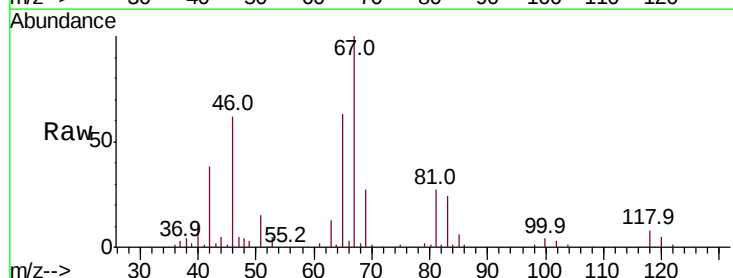
Instrument :
MSVOA_V
ClientSampled :

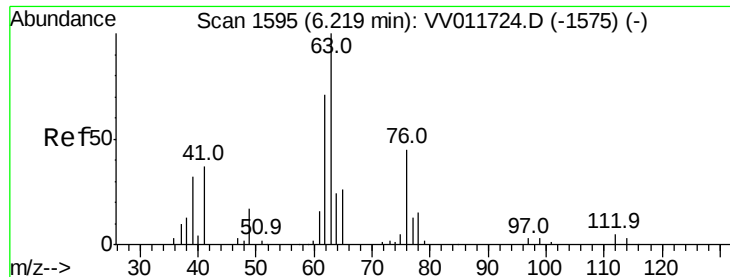
Tot Ion: 83 Resp: 3809
Ion Ratio Lower Upper
83 100
85 65.2 47.0 87.2



#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011725.D
Acq: 24 Jun 2019 12:18

Tgt Ion: 83 Resp: 16414
Ion Ratio Lower Upper
83 100
55 0.6 69.4 104.2#
98 0.8 40.2 60.4#

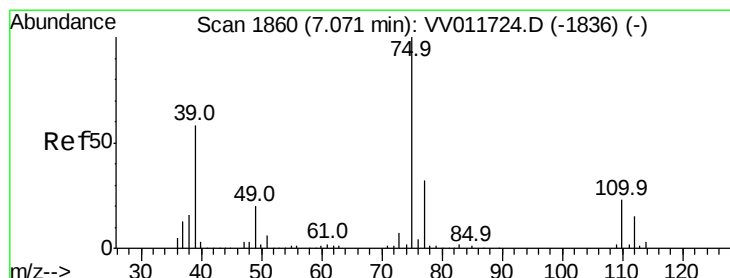
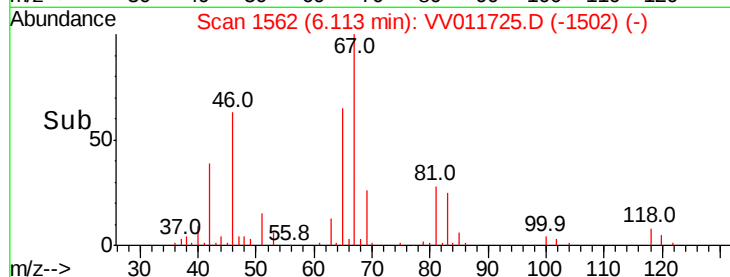
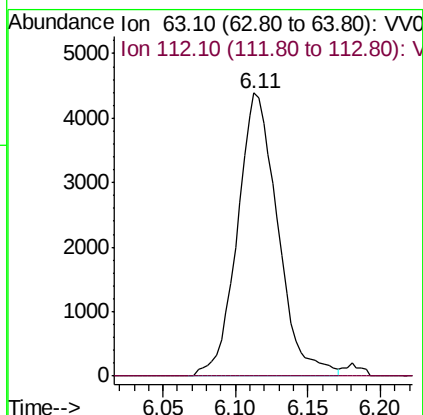
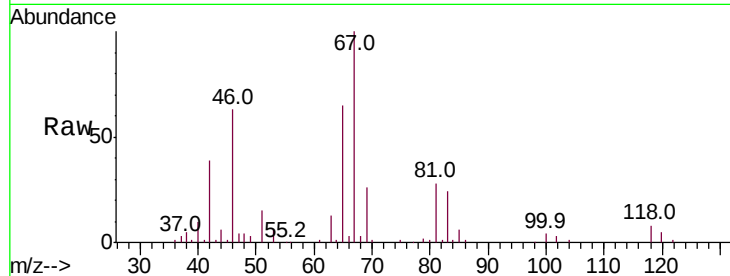




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011725.D
 Acq: 24 Jun 2019 12:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 8507
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011725.D
 Acq: 24 Jun 2019 12:18

Tgt Ion: 75 Resp: 1857
 Ion Ratio Lower Upper
 75 100
 77 60.9 22.4 41.6#

