

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017258.D
 Acq On : 30 Jun 2020 14:22
 Operator : SY/MD
 Sample : L3102-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 01 06:02:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:00:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	174747	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	169059	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80836	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40965	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	35746	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.12	63	64485	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.95	46	117575	43.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.98%
24) Chloroform-d	4.38	84	102766	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	56531	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.07	84	185621	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.10	67	55495	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.34	98	163770	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
45) trans-1,3-Dichloropropene-	7.64	79	23674	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
48) 2-Hexanone-d5	8.11	63	76955	36.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37717	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	69161	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

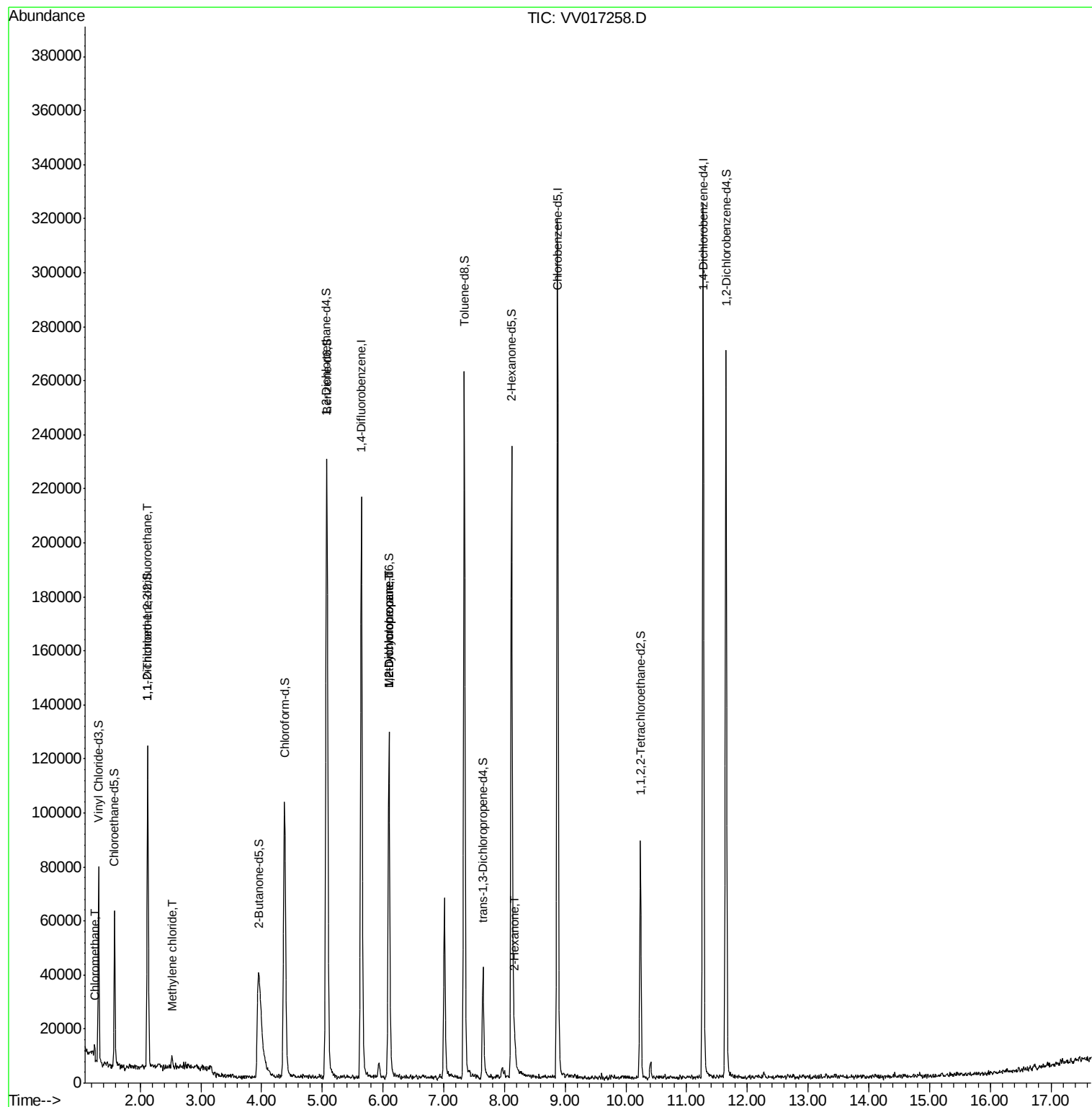
					Ovalue
3) Chloromethane	1.25	50	2852	0.241 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	858	0.093 ug/L #	29
16) Methylene chloride	2.53	84	2086	0.232 ug/L	88
35) Methylcyclohexane	6.10	83	15434	0.766 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7133	0.651 ug/L #	88
50) 2-Hexanone	8.16	43	6312	1.402 ug/L #	87

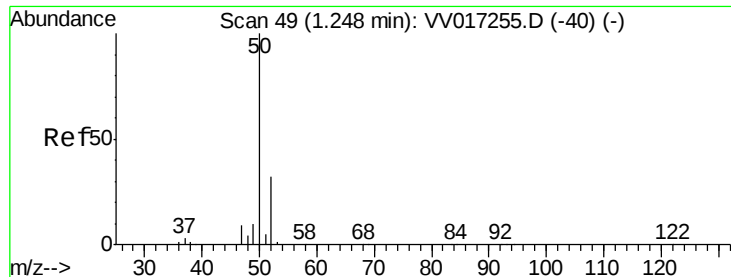
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 01 06:00:36 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.241 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017258.D

Acq: 30 Jun 2020 14:22

Instrument :

MSVOA_V

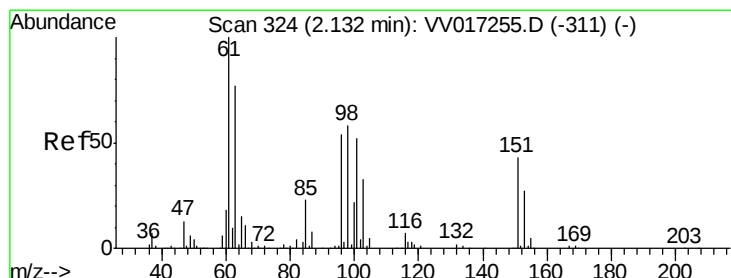
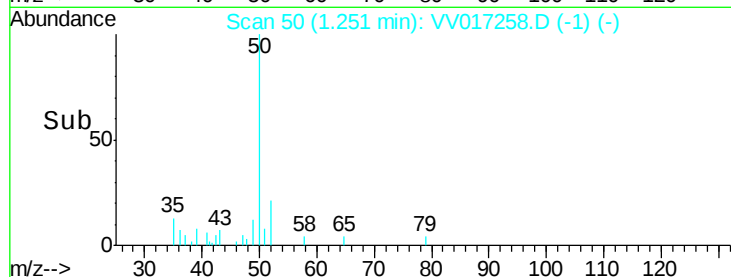
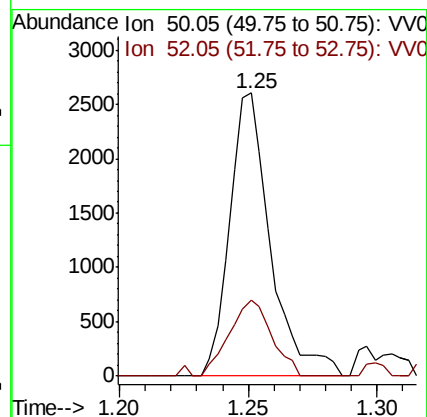
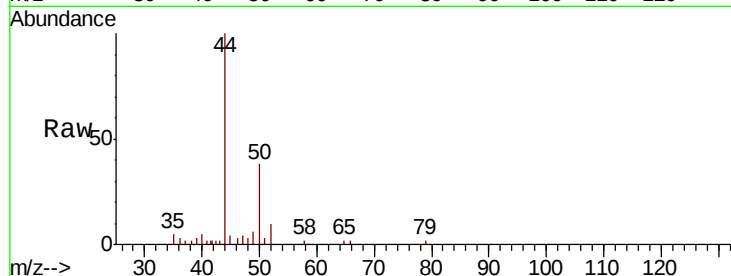
ClientSampleId :

Tot Ion: 50 Resp: 2852

Ion Ratio Lower Upper

50 100

52 26.8 22.5 41.9



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.093 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017258.D

Acq: 30 Jun 2020 14:22

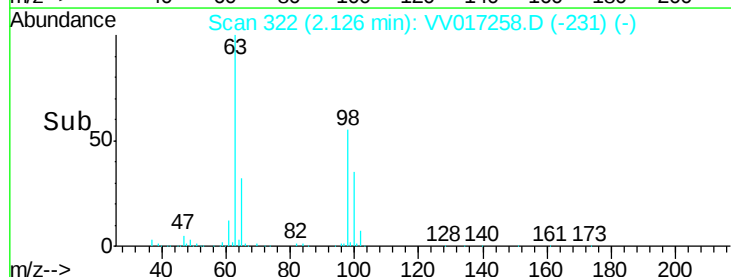
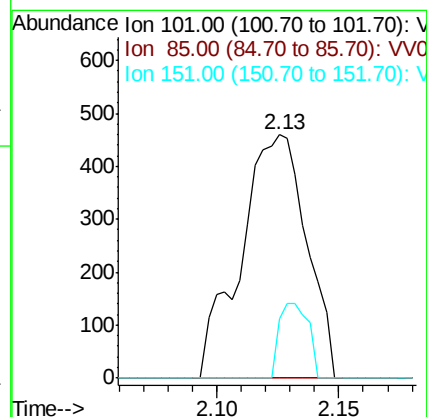
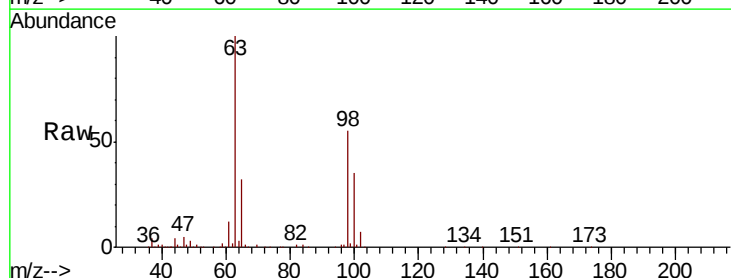
Tgt Ion:101 Resp: 858

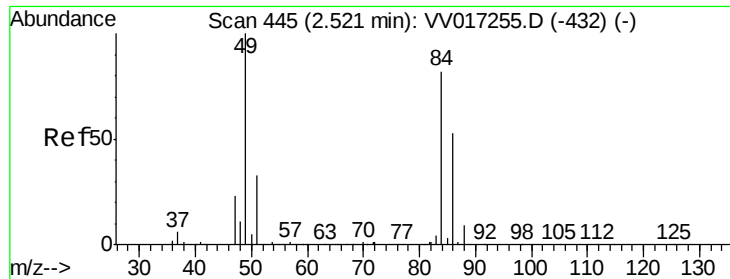
Ion Ratio Lower Upper

101 100

85 2.3 35.4 53.2#

151 13.9 63.9 95.9#

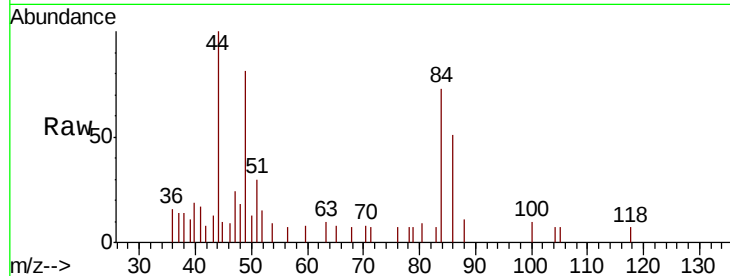




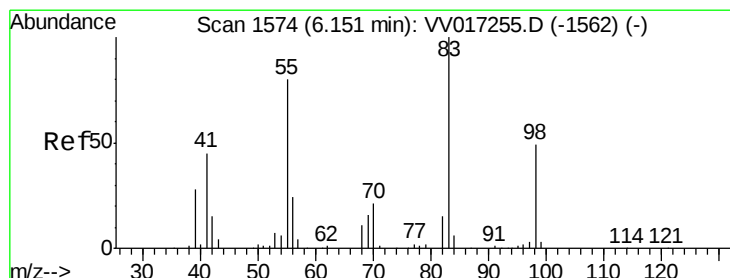
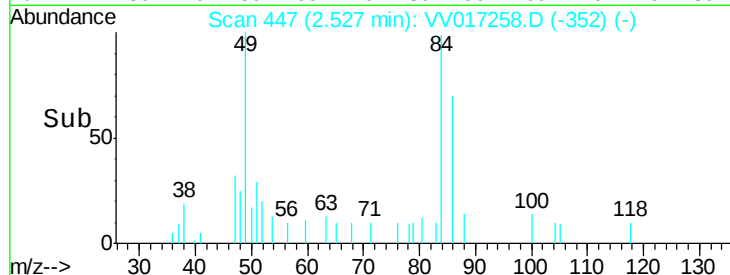
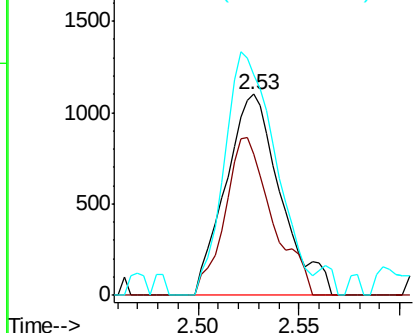
#16
Methylene chloride
Concen: 0.232 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017258.D
Acq: 30 Jun 2020 14:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 2086
Ion Ratio Lower Upper
84 100
86 70.0 45.8 85.0
49 109.9 89.6 166.4

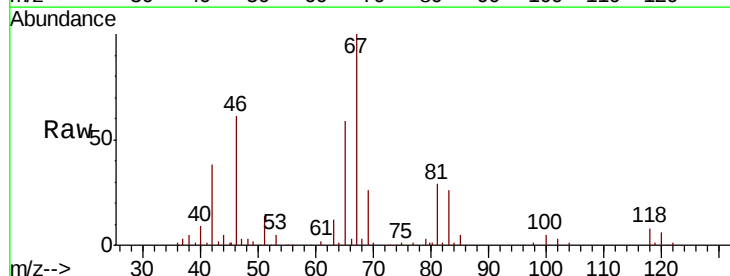


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

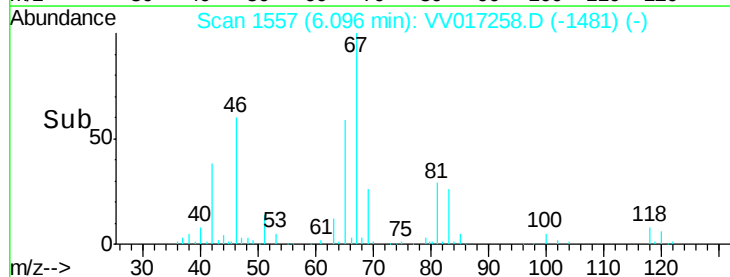
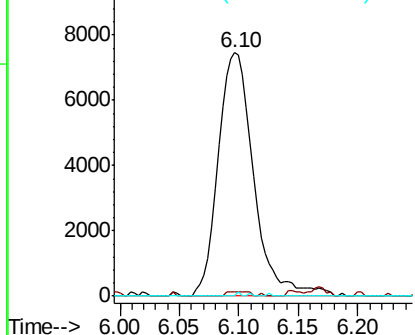


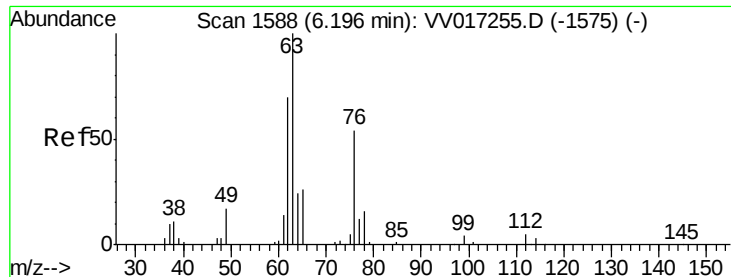
#35
Methylcyclohexane
Concen: 0.766 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017258.D
Acq: 30 Jun 2020 14:22

Tgt Ion: 83 Resp: 15434
Ion Ratio Lower Upper
83 100
55 1.2 63.6 95.4#
98 0.0 38.8 58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

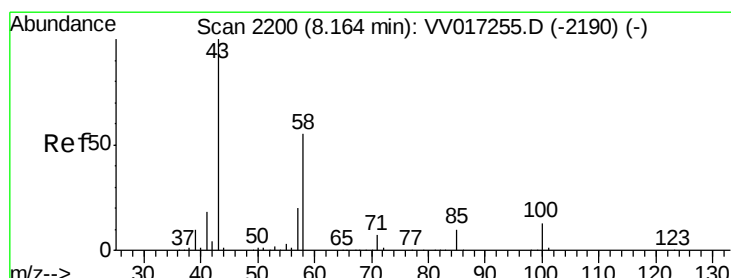
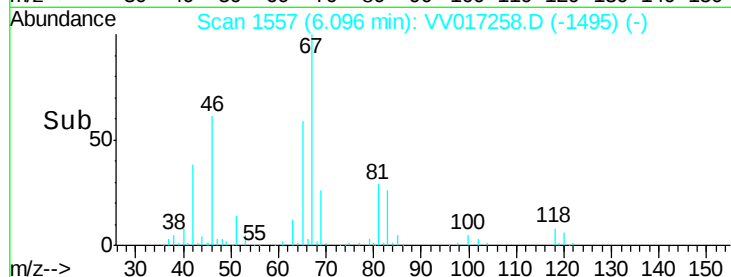
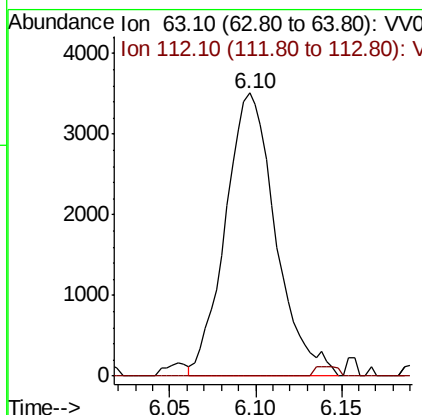
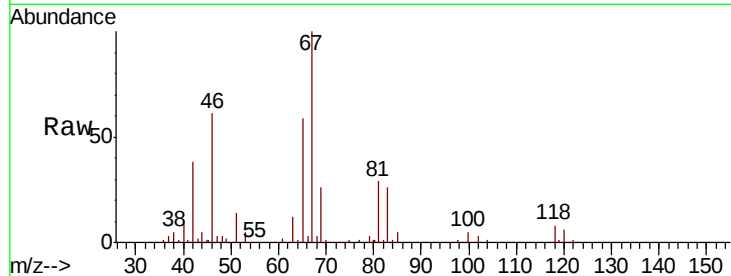




#37
 1,2-Dichloropropane
 Concen: 0.651 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017258.D
 Acq: 30 Jun 2020 14:22

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 7133
 Ion Ratio Lower Upper
 63 100
 112 1.6 4.4 6.6#



#50
 2-Hexanone
 Concen: 1.402 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VV017258.D
 Acq: 30 Jun 2020 14:22

Tgt Ion: 43 Resp: 6312
 Ion Ratio Lower Upper
 43 100
 58 39.1 41.6 62.4#
 57 18.3 15.4 23.0
 100 9.2 10.1 15.1#

