

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016101.D
 Acq On : 18 May 2020 15:05
 Operator : SY/MD
 Sample : L2655-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 19 04:49:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 04:04:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344803	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157357	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112704	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.66%
7) Chloroethane-d5	1.58	69	102531	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.96%
11) 1,1-Dichloroethene-d2	2.13	63	164252	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	3.93	46	151523	101.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.03%
24) Chloroform-d	4.38	84	208531	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
26) 1,2-Dichloroethane-d4	5.06	65	156166	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
32) Benzene-d6	5.08	84	434590	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
36) 1,2-Dichloropropane-d6	6.10	67	139562	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.12%
41) Toluene-d8	7.34	98	404435	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%
43) trans-1,3-Dichloropropene-	7.64	79	66002	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.64%
47) 2-Hexanone-d5	8.12	63	96089	101.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169978	46.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	151991	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

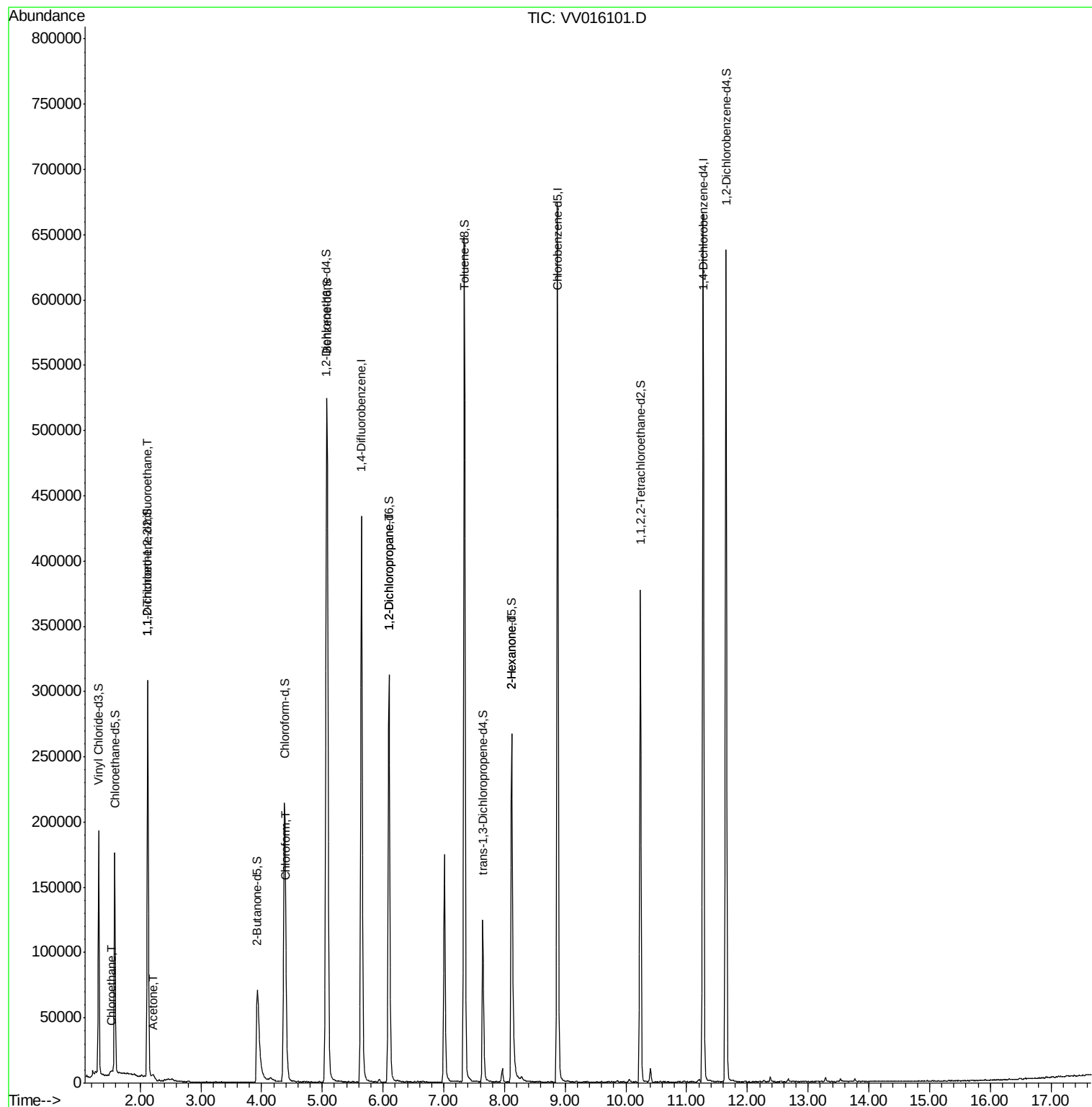
					Ovalue
8) Chloroethane	1.53	64	4980	2.793 ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1496	0.678 ug/L #	26
13) Acetone	2.22	43	7181	4.918 ug/L	85
25) Chloroform	4.41	83	15846	3.298 ug/L	97
37) 1,2-Dichloropropane	6.10	63	16830	6.545 ug/L #	87
48) 2-Hexanone	8.12	43	13506	5.512 ug/L #	77

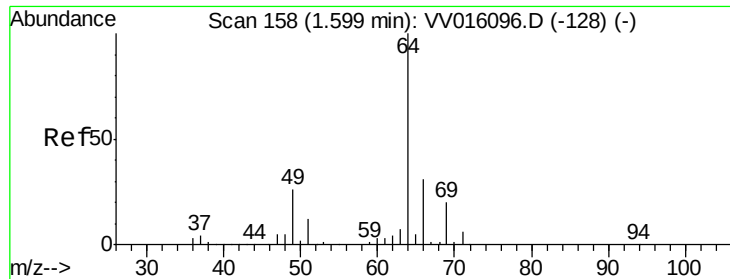
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 19 04:04:01 2020
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#8

Chloroethane

Concen: 2.793 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.07 min

Lab File: VV016101.D

Acq: 18 May 2020 15:05

Instrument :

MSVOA_V

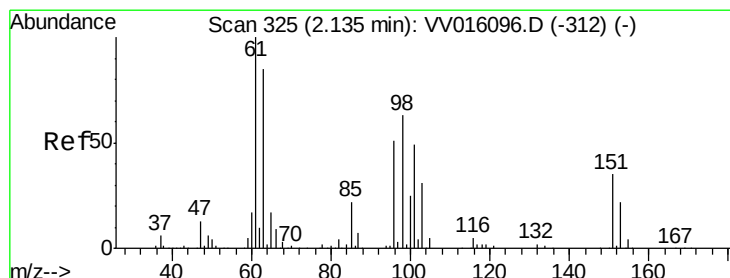
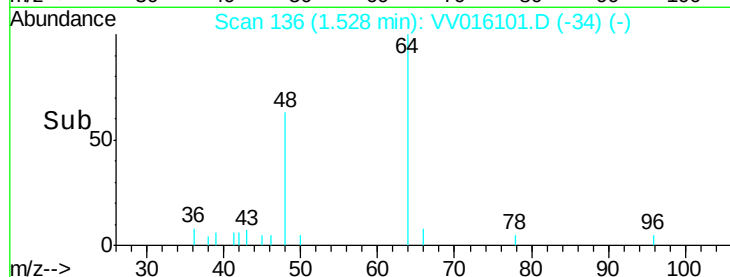
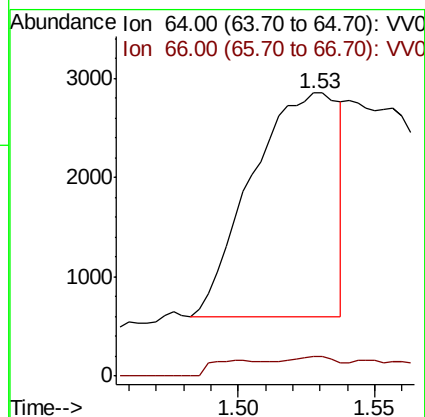
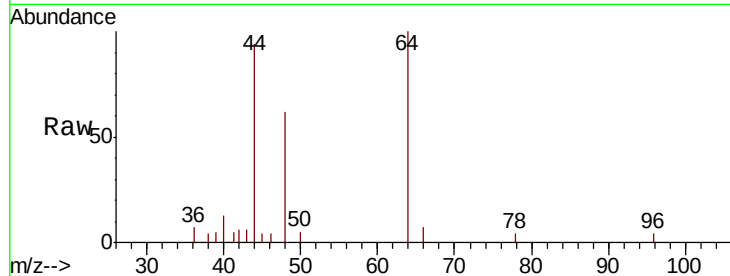
ClientSampleId :

Tot Ion: 64 Resp: 4980

Ion Ratio Lower Upper

64 100

66 7.2 22.0 40.8#



#10

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

Concen: 0.678 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016101.D

Acq: 18 May 2020 15:05

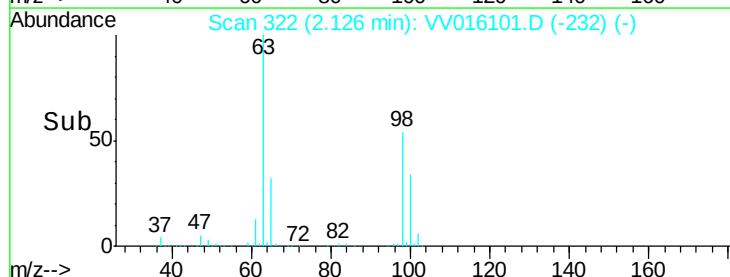
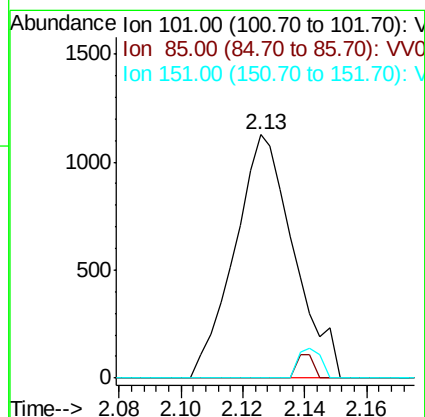
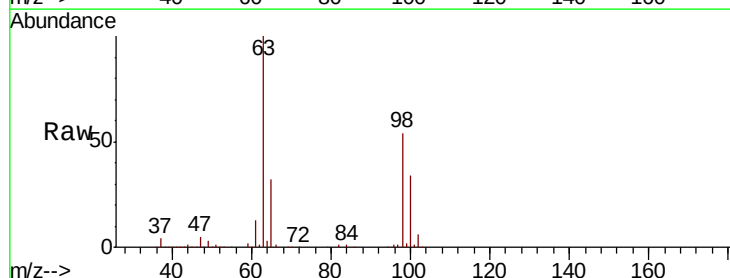
Tgt Ion: 101 Resp: 1496

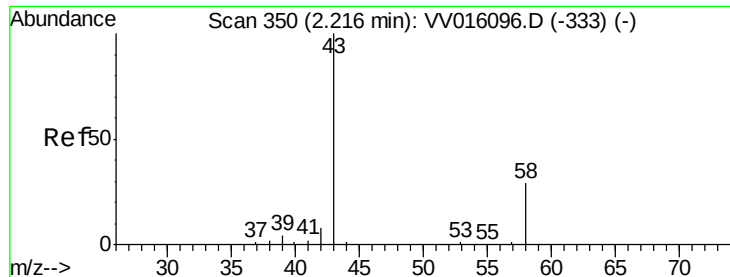
Ion Ratio Lower Upper

101 100

85 2.8 36.2 54.4#

151 4.7 56.9 85.3#





#13

Acetone

Concen: 4.918 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV016101.D

Acq: 18 May 2020 15:05

Instrument :

MSVOA_V

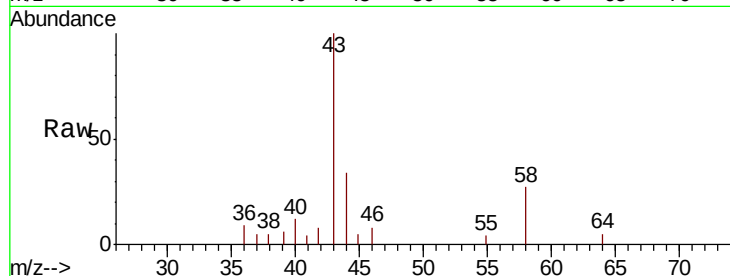
ClientSampleId :

Tot Ion: 43 Resp: 7181

Ion Ratio Lower Upper

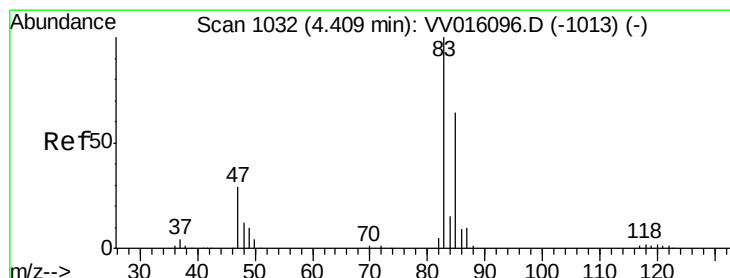
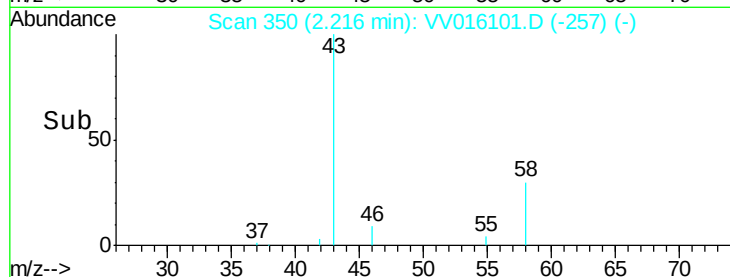
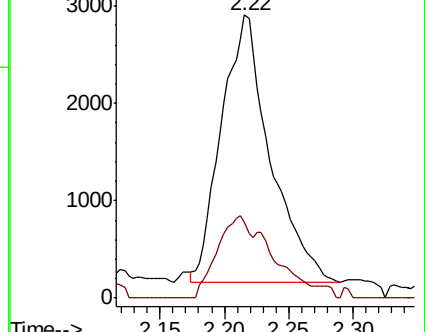
43 100

58 21.1 0.0 57.8



Abundance Ion 43.00 (42.70 to 43.70): VV016096.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV016096.D (-333) (-)



#25

Chloroform

Concen: 3.298 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VV016101.D

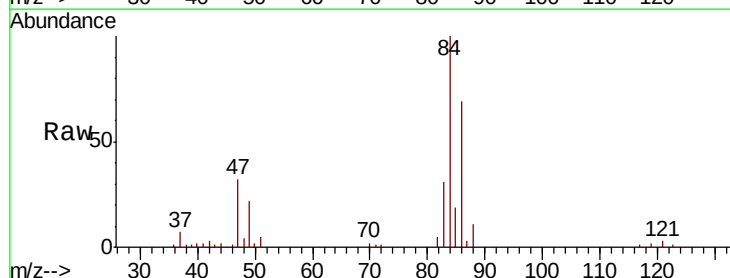
Acq: 18 May 2020 15:05

Tgt Ion: 83 Resp: 15846

Ion Ratio Lower Upper

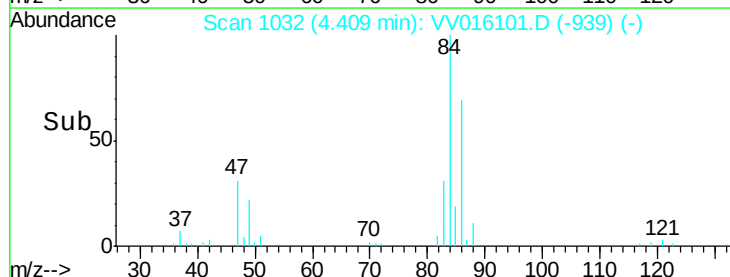
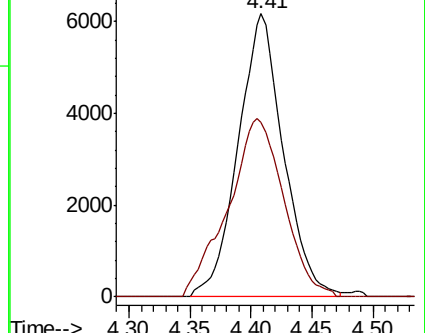
83 100

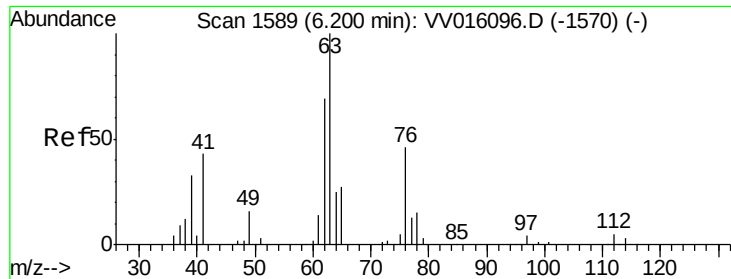
85 61.8 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV016096.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VV016096.D (-1013) (-)

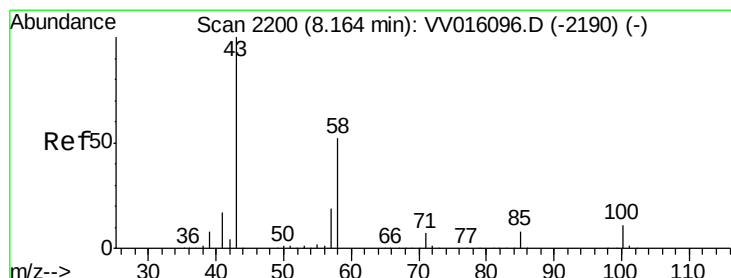
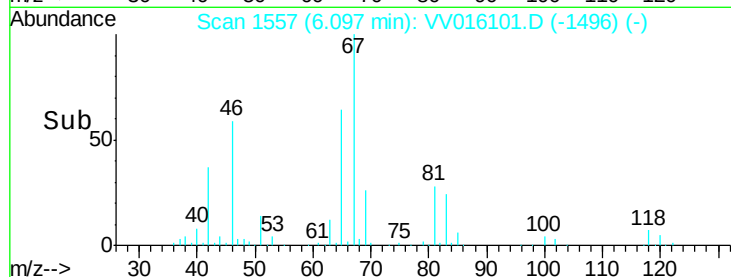
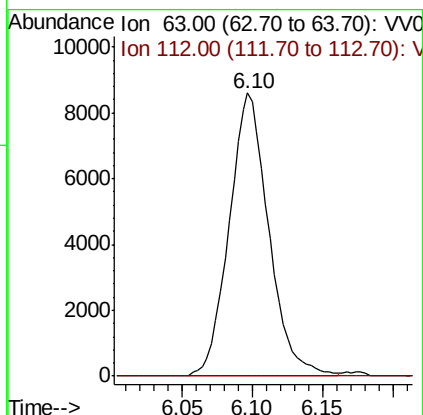
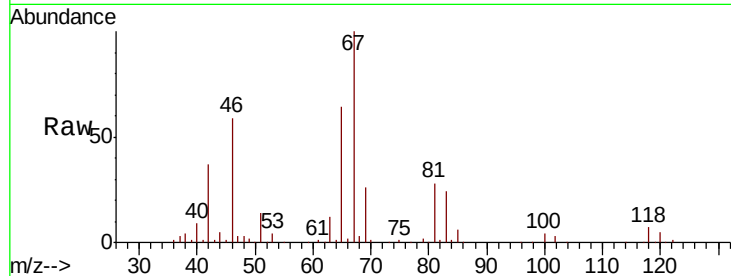




#37
 1,2-Dichloropropane
 Concen: 6.545 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016101.D
 Acq: 18 May 2020 15:05

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 16830
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 5.512 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV016101.D
 Acq: 18 May 2020 15:05

Tgt Ion: 43 Resp: 13506
 Ion Ratio Lower Upper
 43 100
 58 33.5 40.9 61.3#
 57 24.7 15.0 22.4#
 100 0.0 9.0 13.6#

