

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030420\
 Data File : VV014735.D
 Acq On : 04 Mar 2020 15:27
 Operator : SY/MD
 Sample : L1708-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 05 06:30:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 05 06:28:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	248237	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	237089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	115849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78368	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.59	69	68636	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	104470	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.96	46	202494	50.41	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.82%
24) Chloroform-d	4.40	84	161709	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	84063	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	324803	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.11	67	103852	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	289934	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.66	79	36757	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.14	63	129115	38.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.74%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	72287	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	107325	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

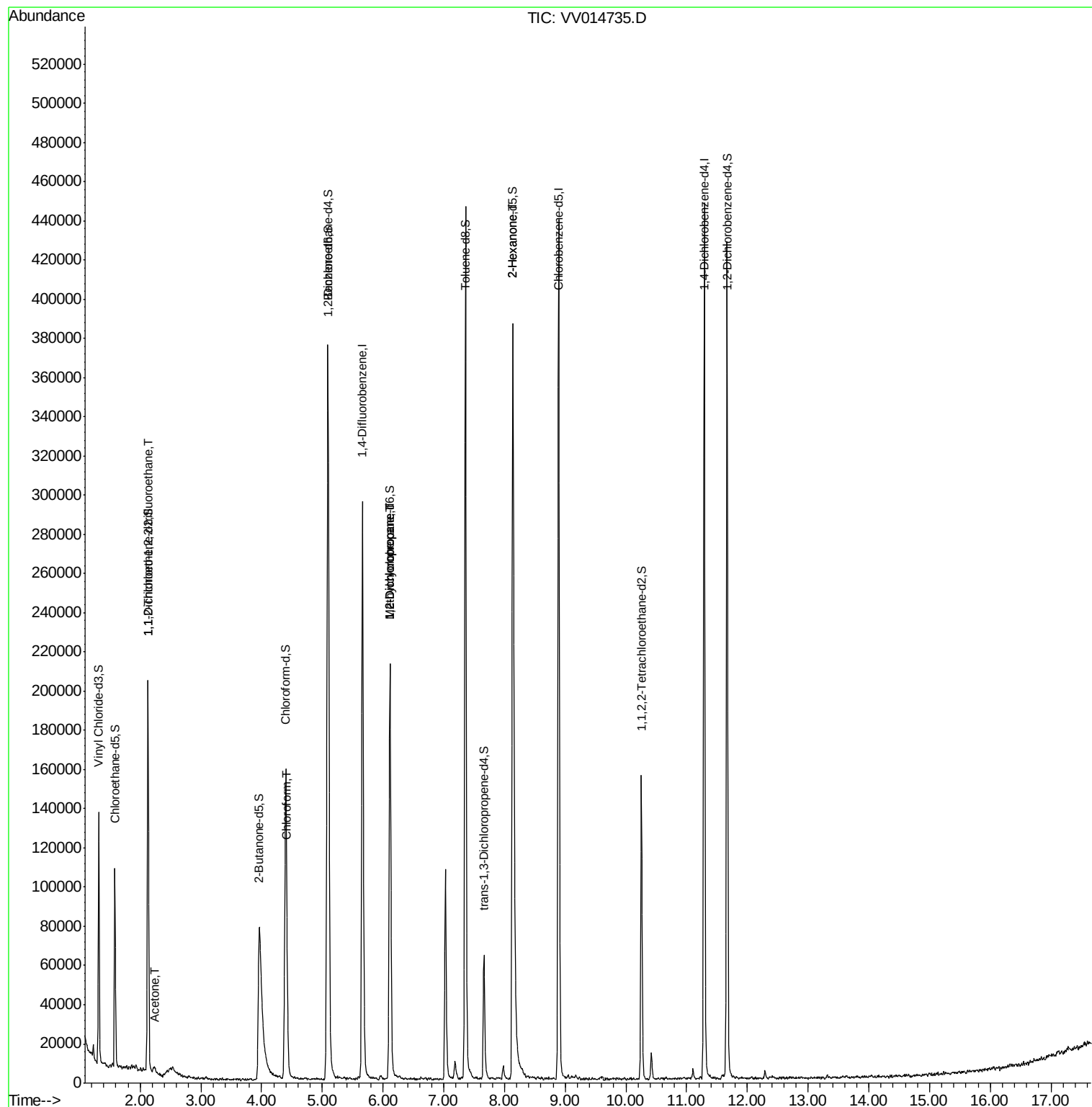
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1334	0.081 ug/L #	18
13) Acetone	2.23	43	8608	3.184 ug/L #	49
25) Chloroform	4.42	83	5260	0.145 ug/L	99
35) Methylcyclohexane	6.12	83	24644	0.711 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	11788	0.593 ug/L #	88
48) 2-Hexanone	8.14	43	27011	3.184 ug/L #	89

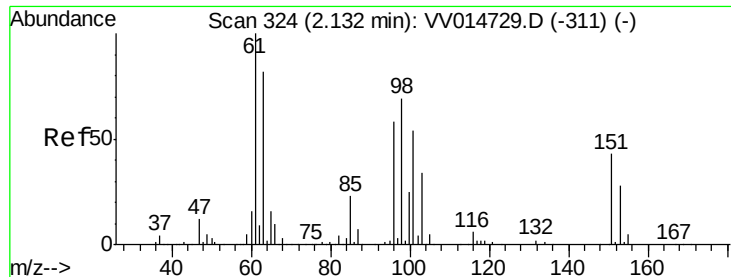
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 05 06:28:00 2020
Response via : Initial Calibration





#10

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

Concen: 0.081 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV014735.D

Acq: 04 Mar 2020 15:27

Instrument :

MSVOA_V

ClientSampled :

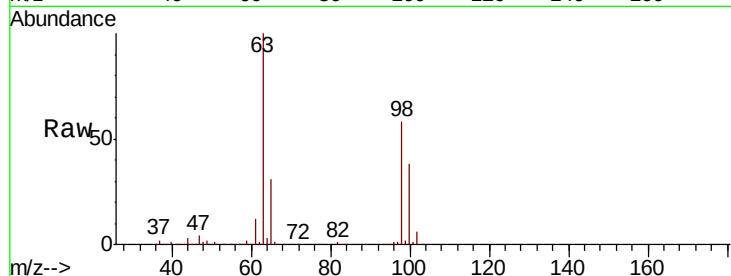
Tot Ion:101 Resp: 1334

Ion Ratio Lower Upper

101 100

85 1.6 35.3 52.9#

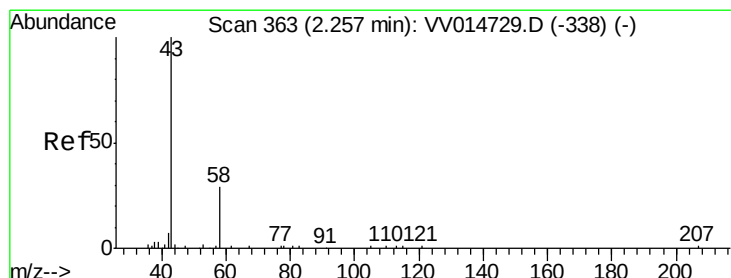
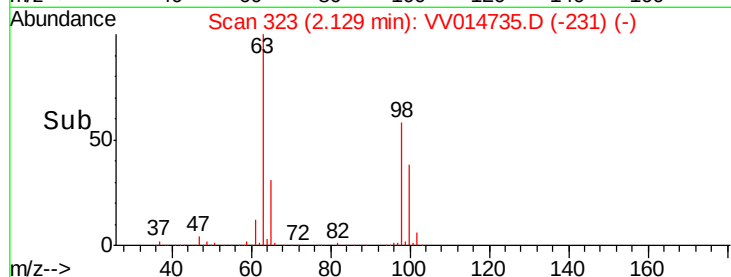
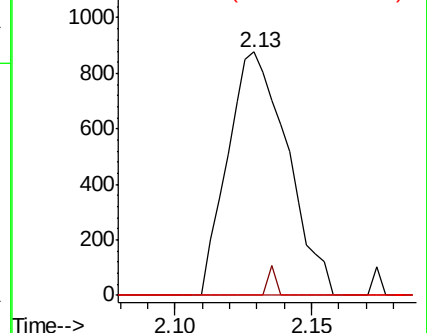
151 0.0 65.3 97.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.184 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.03 min

Lab File: VV014735.D

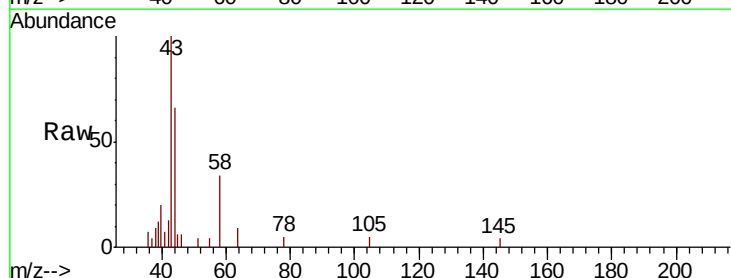
Acq: 04 Mar 2020 15:27

Tgt Ion: 43 Resp: 8608

Ion Ratio Lower Upper

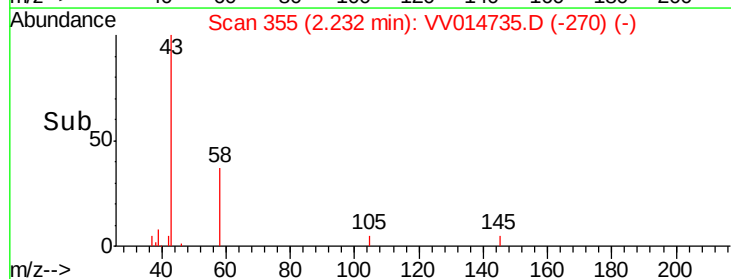
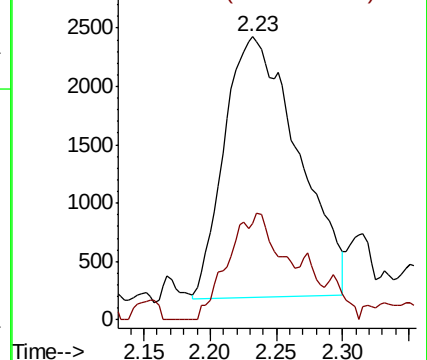
43 100

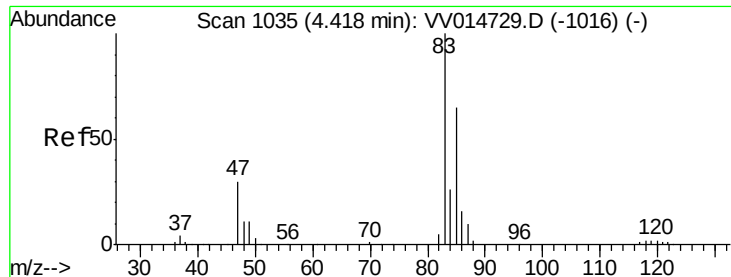
58 29.0 0.0 20.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

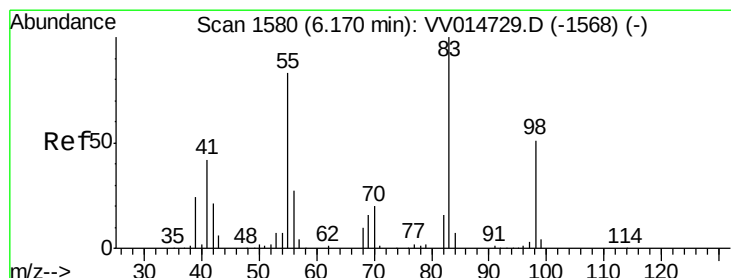
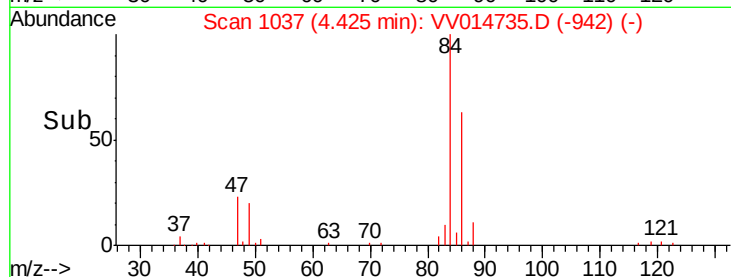
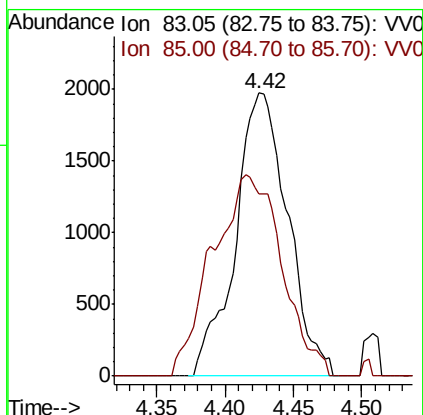
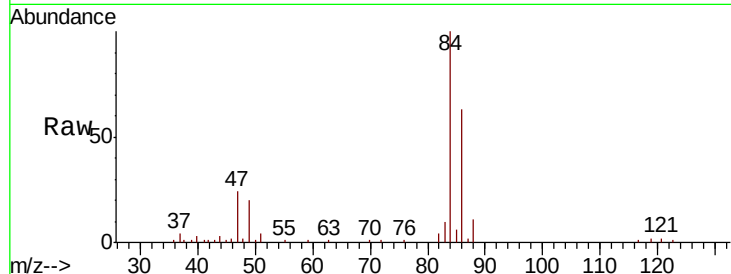




#25
Chloroform
Concen: 0.145 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV014735.D
Acq: 04 Mar 2020 15:27

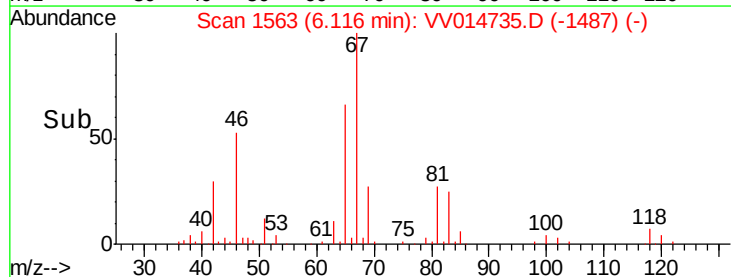
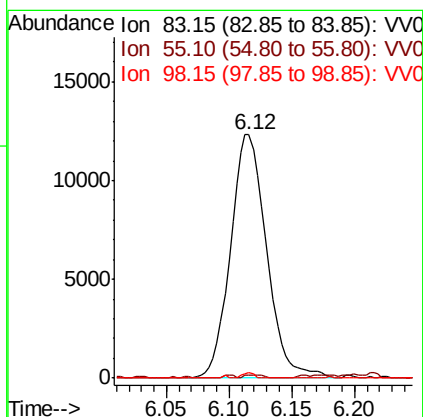
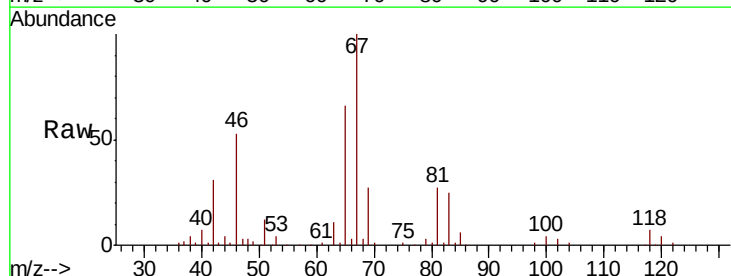
Instrument :
MSVOA_V
ClientSampleId :

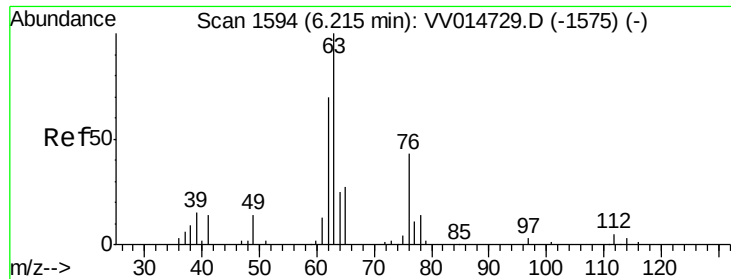
Tot Ion: 83 Resp: 5260
Ion Ratio Lower Upper
83 100
85 64.4 44.7 83.1



#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014735.D
Acq: 04 Mar 2020 15:27

Tgt Ion: 83 Resp: 24644
Ion Ratio Lower Upper
83 100
55 0.7 64.6 96.8#
98 0.7 37.8 56.8#

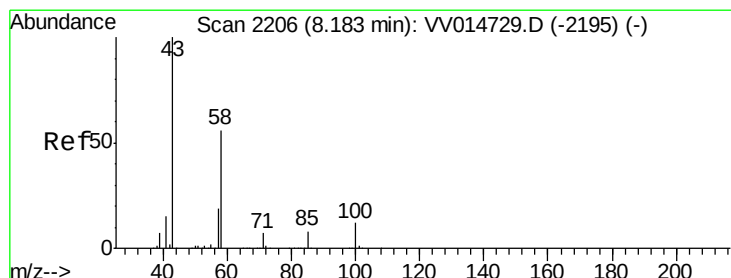
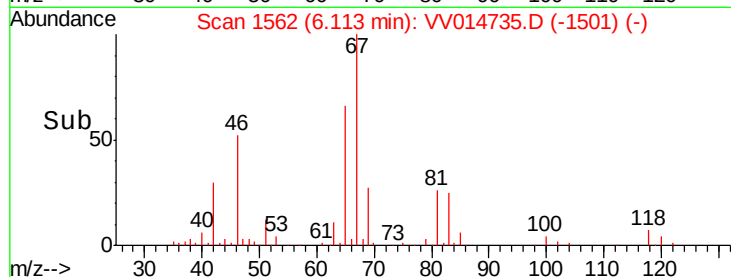
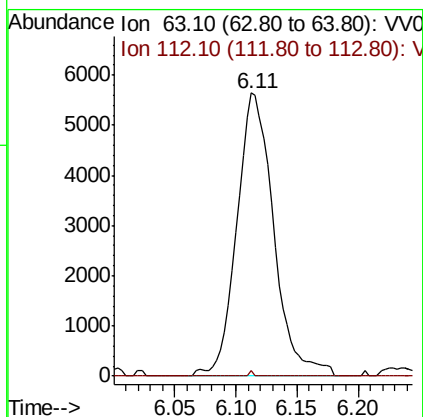
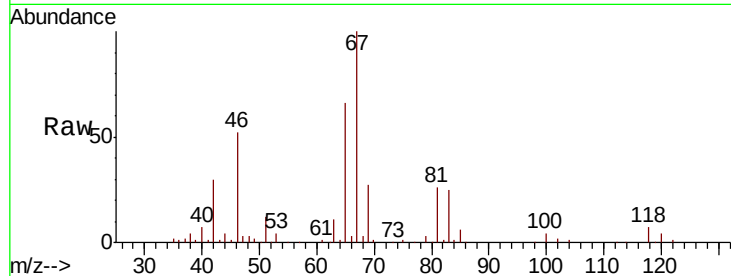




#37
 1,2-Dichloropropane
 Concen: 0.593 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014735.D
 Acq: 04 Mar 2020 15:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 11788
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.0#



#48
 2-Hexanone
 Concen: 3.184 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV014735.D
 Acq: 04 Mar 2020 15:27

Tgt Ion: 43 Resp: 27011
 Ion Ratio Lower Upper
 43 100
 58 49.2 43.1 64.7
 57 23.5 14.6 21.8#
 100 0.4 9.0 13.4#

