

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013289.D
 Acq On : 22 Oct 2019 19:55
 Operator : SY/MD
 Sample : K5404-06
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:28:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 01:23:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	423479	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	471890	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	241690	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	177645	5.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.80%
7) Chloroethane-d5	1.59	69	146297	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.13	63	222998	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.94	46	384184	64.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.16%
24) Chloroform-d	4.40	84	373605	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	177282	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	738279	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	229257	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	597613	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	72209	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.13	63	203939	32.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	161526	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	248728	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

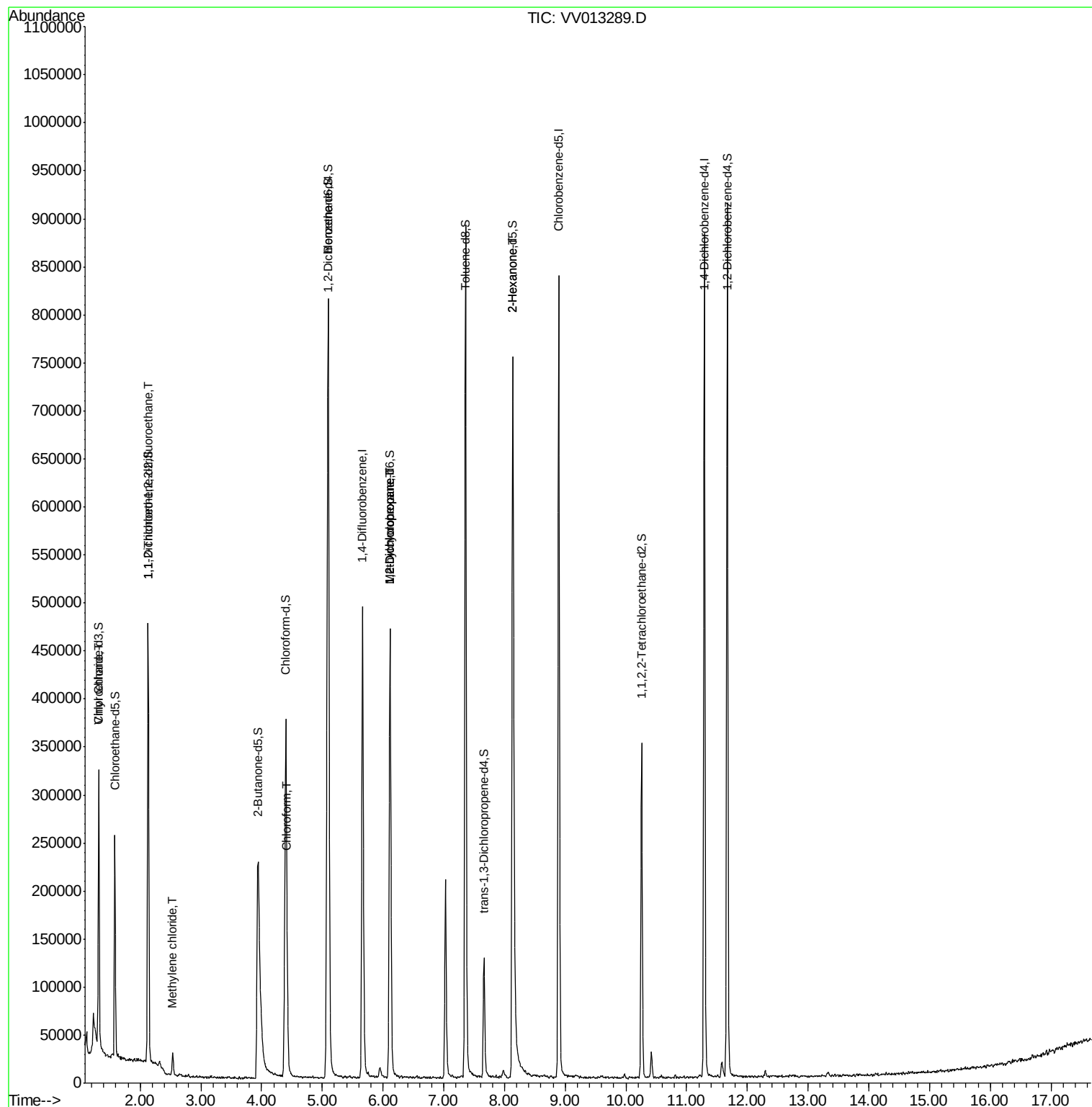
					Ovalue
8) Chloroethane	1.32	64	9063	0.372 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2790	0.080 ug/L #	24
16) Methylene chloride	2.54	84	10244	0.205 ug/L	90
25) Chloroform	4.43	83	12818	0.154 ug/L	83
35) Methylcyclohexane	6.12	83	54425	0.732 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	24213	0.553 ug/L #	88
48) 2-Hexanone	8.14	43	37279	2.334 ug/L #	55

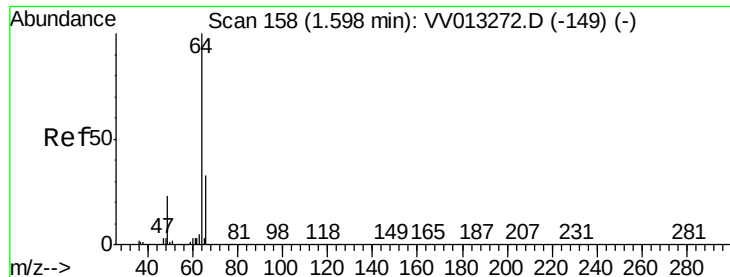
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 01:23:09 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.372 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV013289.D

Acq: 22 Oct 2019 19:55

Instrument :

MSVOA_V

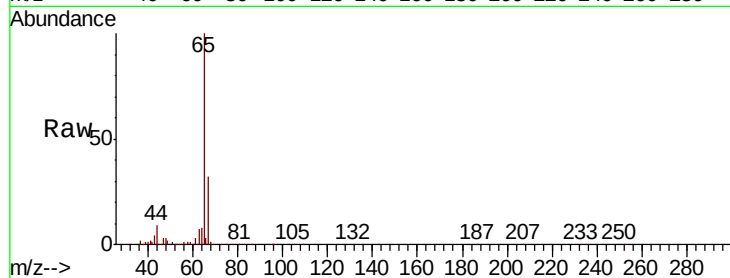
ClientSampleId :

Tot Ion: 64 Resp: 9063

Ion Ratio Lower Upper

64 100

66 33.3 22.7 42.3



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

15000

10000

5000

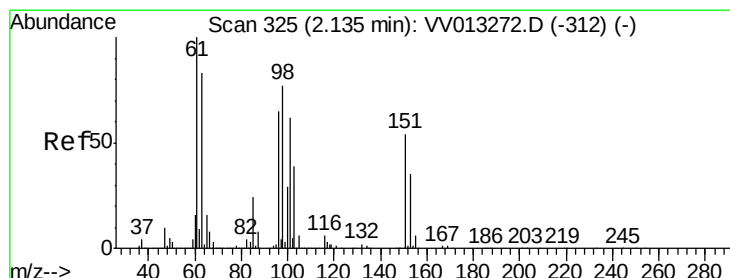
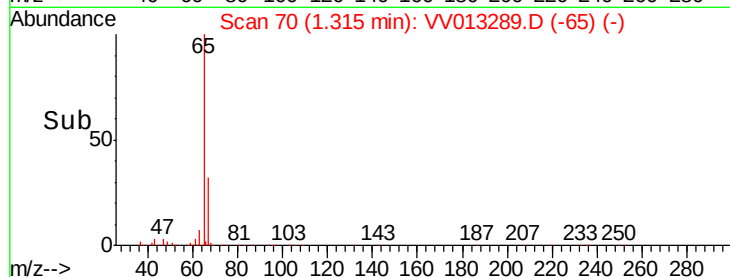
0

1.32

1.34

1.36

Time-->



#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013289.D

Acq: 22 Oct 2019 19:55

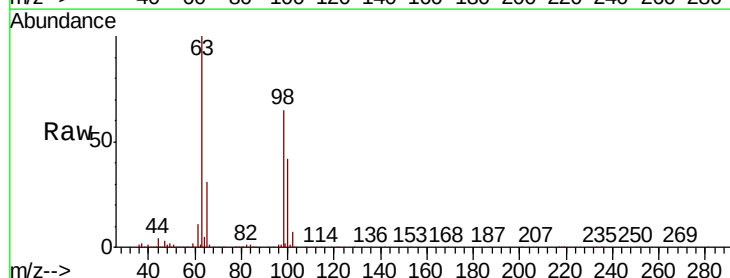
Tgt Ion: 101 Resp: 2790

Ion Ratio Lower Upper

101 100

85 12.2 31.8 47.8#

151 6.7 72.9 109.3#



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

2500

2000

1500

1000

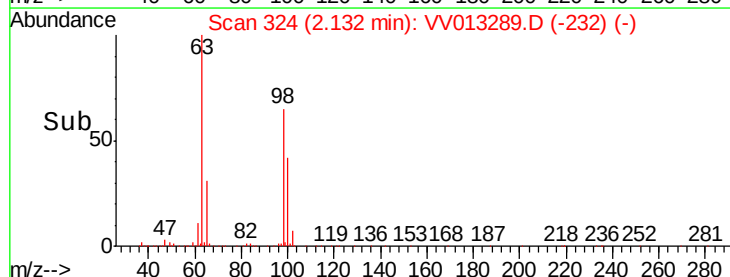
500

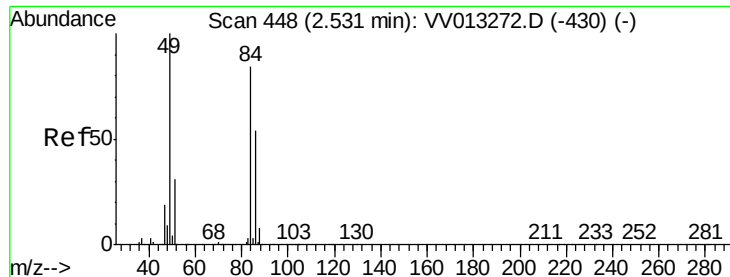
0

2.13

2.15

Time-->

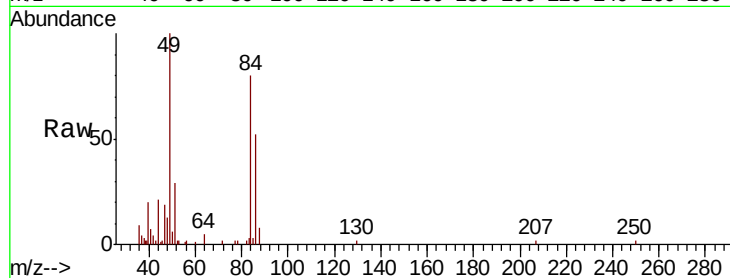




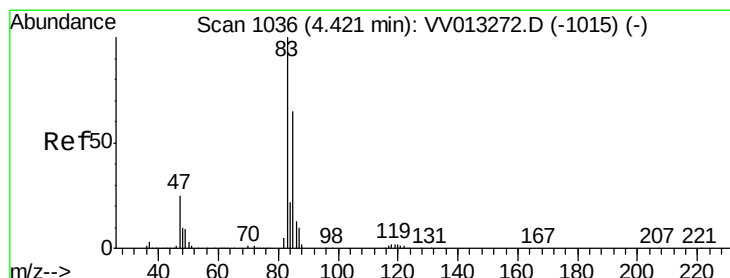
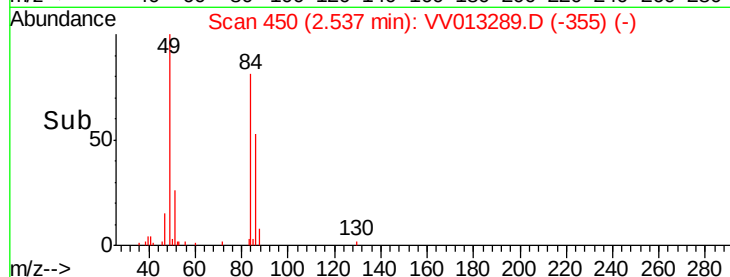
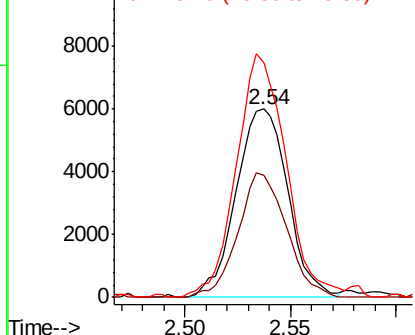
#16
Methvlene chloride
Concen: 0.205 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV013289.D
Acq: 22 Oct 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 10244
Ion Ratio Lower Upper
84 100
86 64.7 46.2 85.8
49 125.0 76.4 141.8

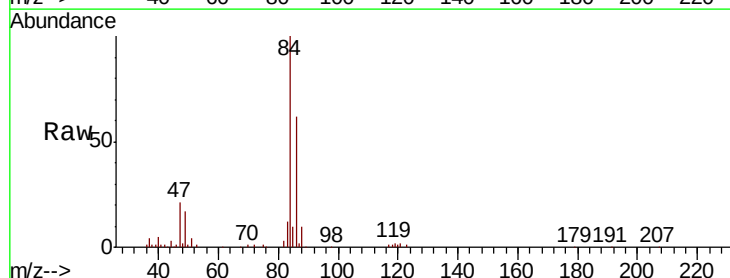


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

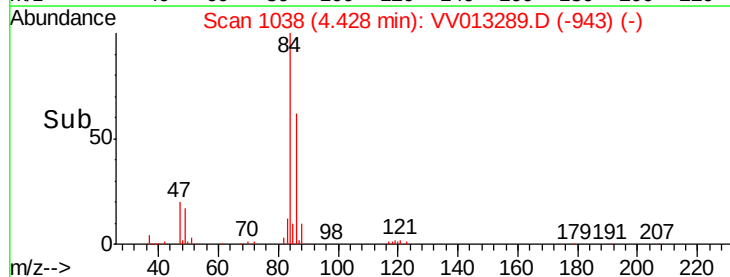
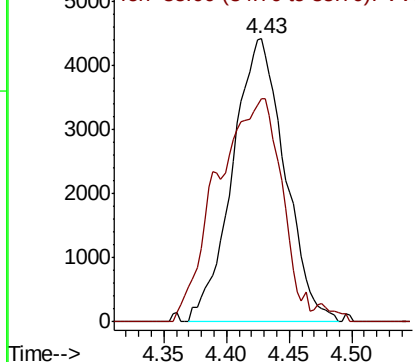


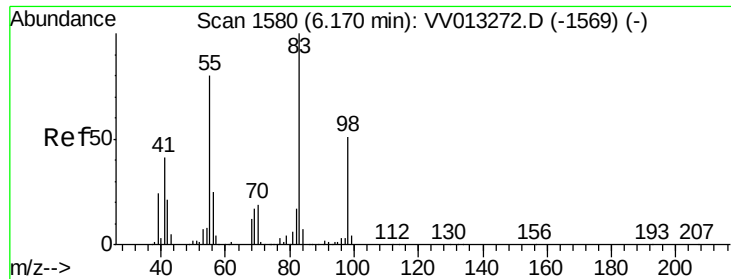
#25
Chloroform
Concen: 0.154 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013289.D
Acq: 22 Oct 2019 19:55

Tgt Ion: 83 Resp: 12818
Ion Ratio Lower Upper
83 100
85 78.7 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

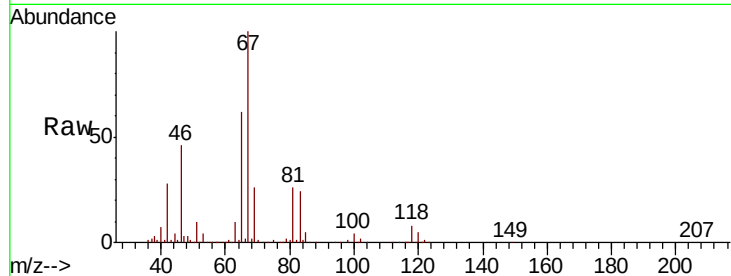




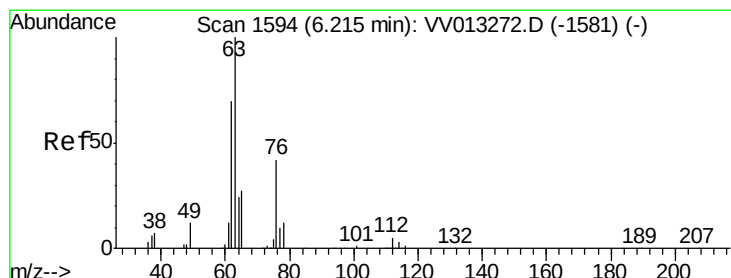
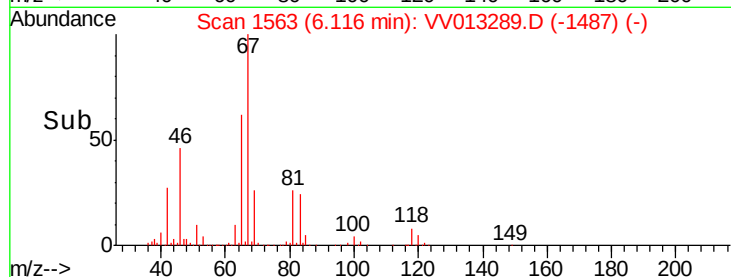
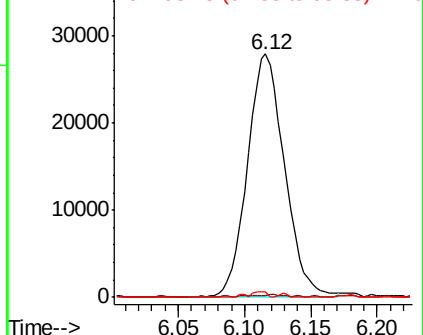
#35
Methvlcvclohexane
Concen: 0.732 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013289.D
Acq: 22 Oct 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 54425
Ion Ratio Lower Upper
83 100
55 1.0 62.4 93.6#
98 1.1 39.2 58.8#

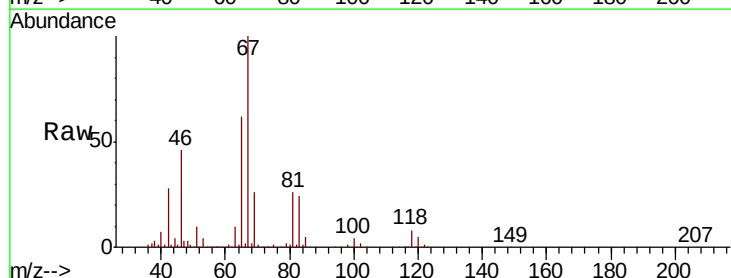


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

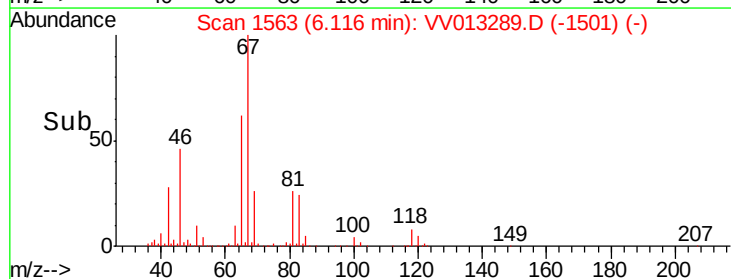
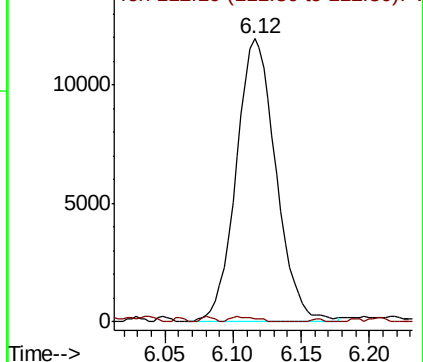


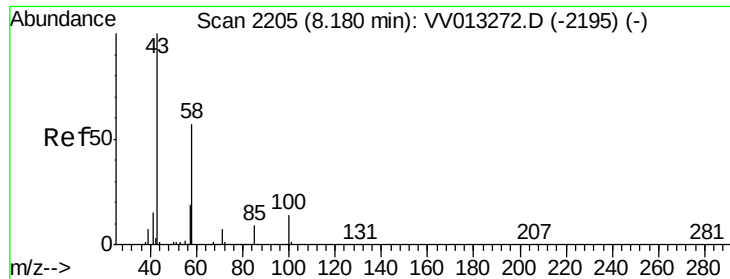
#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013289.D
Acq: 22 Oct 2019 19:55

Tgt Ion: 63 Resp: 24213
Ion Ratio Lower Upper
63 100
112 1.2 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 2.334 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV013289.D
 Acq: 22 Oct 2019 19:55

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 37279
 Ion Ratio Lower Upper
 43 100
 58 89.6 45.1 67.7#
 57 47.6 15.5 23.3#
 100 5.1 10.2 15.2#

