

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014669.D
 Acq On : 21 Feb 2020 21:55
 Operator : SY/MD
 Sample : L1607-10DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:38:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 04:25:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	226951	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	210795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	99168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34803	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.52%
7) Chloroethane-d5	1.59	69	27706	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.26%
11) 1,1-Dichloroethene-d2	2.13	63	55899	33.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.66%
21) 2-Butanone-d5	3.95	46	80346	97.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.52%
24) Chloroform-d	4.40	84	131793	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
26) 1,2-Dichloroethane-d4	5.08	65	90971	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
32) Benzene-d6	5.10	84	264723	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
36) 1,2-Dichloropropane-d6	6.11	67	77673	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.35	98	245664	45.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.44%
43) trans-1,3-Dichloropropene-	7.66	79	42023	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.22%
47) 2-Hexanone-d5	8.14	63	63190	96.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.91%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	110395	48.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.94%
64) 1,2-Dichlorobenzene-d4	11.67	152	95247	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%

Target Compounds

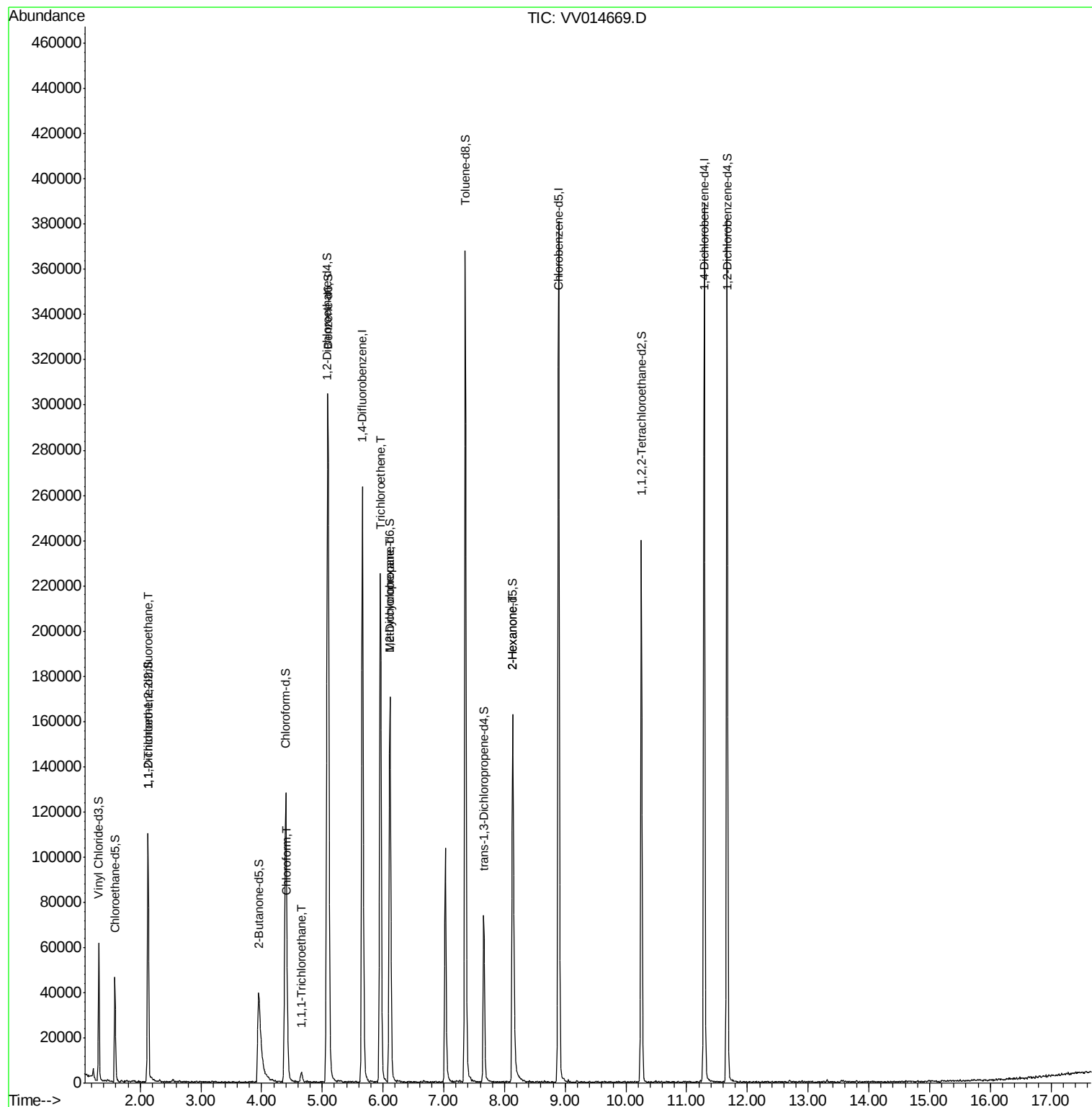
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	736	0.957	ug/L #	17
25) Chloroform	4.43	83	5337	1.897	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	3363	1.372	ug/L #	86
34) Trichloroethene	5.96	95	79312	50.119	ug/L	98
35) Methylcyclohexane	6.11	83	21403	9.475	ug/L #	22
48) 2-Hexanone	8.14	43	7506	5.810	ug/L #	74

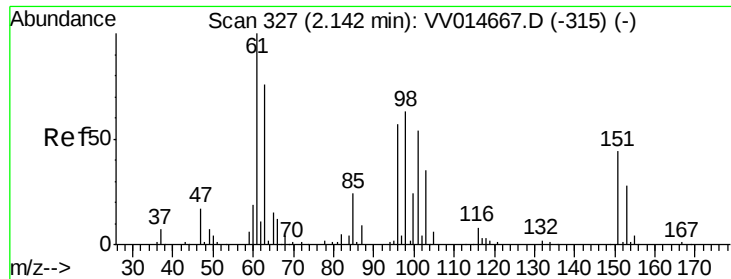
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration





#10

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

Concen: 0.957 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014669.D

Acq: 21 Feb 2020 21:55

Instrument :

MSVOA_V

ClientSampled :

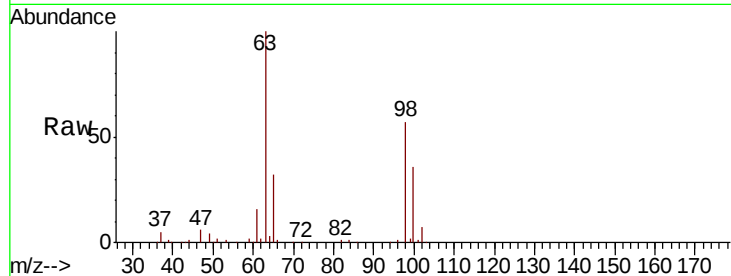
Tot Ion:101 Resp: 736

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

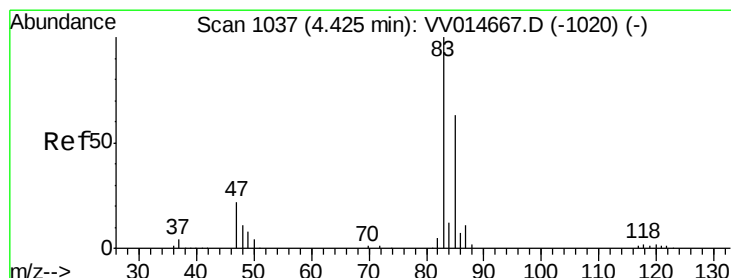
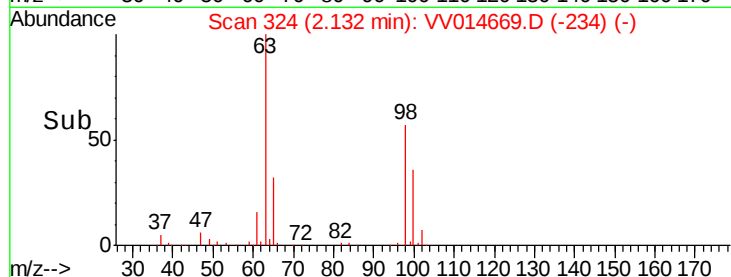
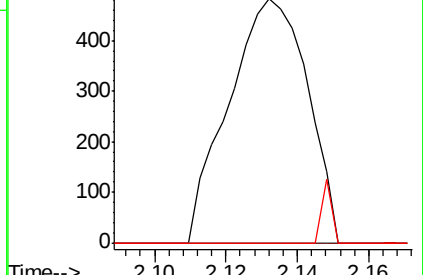
151 0.0 64.6 96.8#



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



#25

Chloroform

Concen: 1.897 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV014669.D

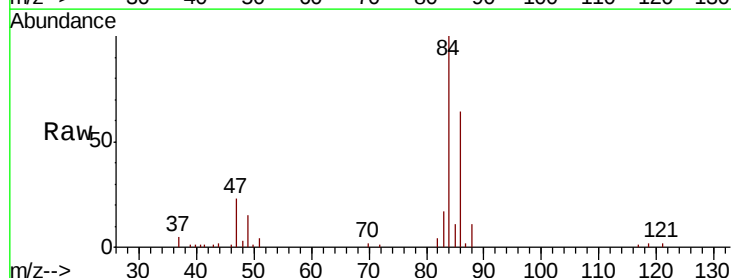
Acq: 21 Feb 2020 21:55

Tgt Ion: 83 Resp: 5337

Ion Ratio Lower Upper

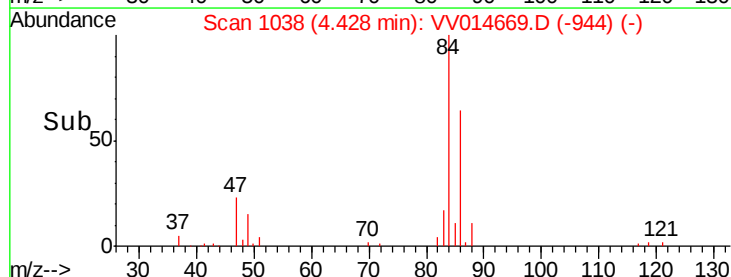
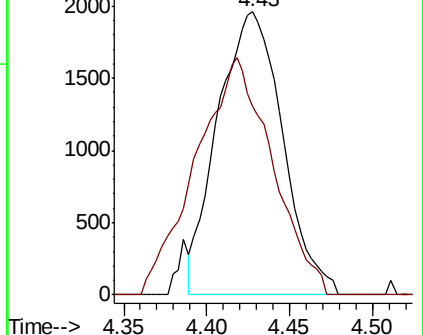
83 100

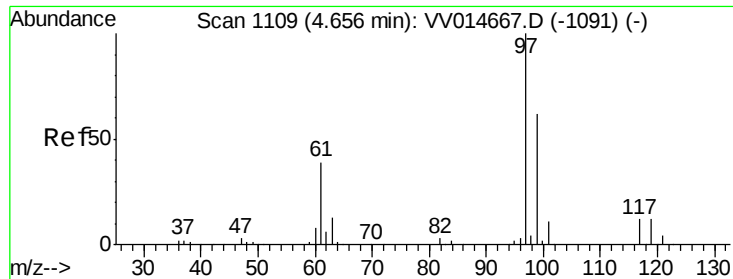
85 66.6 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

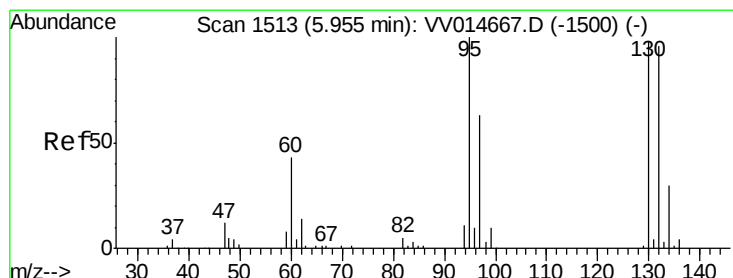
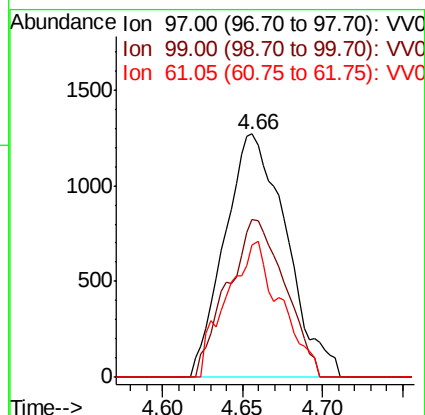
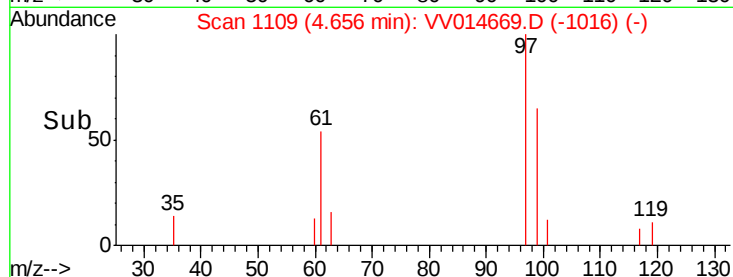
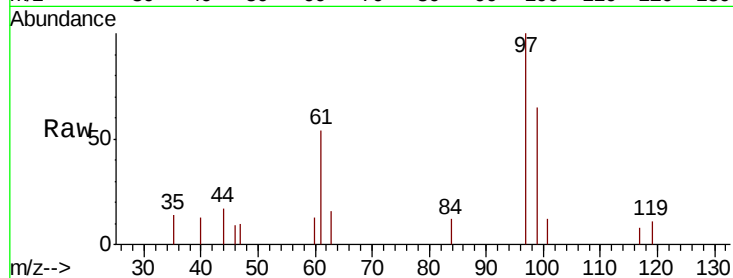




#30
 1,1,1-Trichloroethane
 Concen: 1.372 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV014669.D
 Acq: 21 Feb 2020 21:55

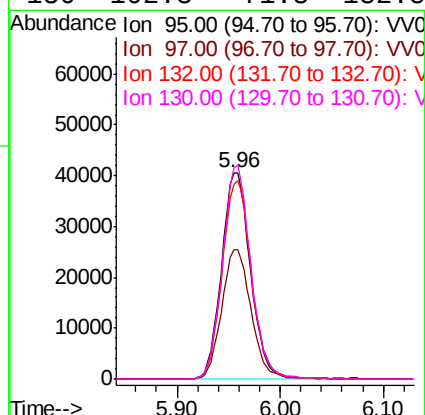
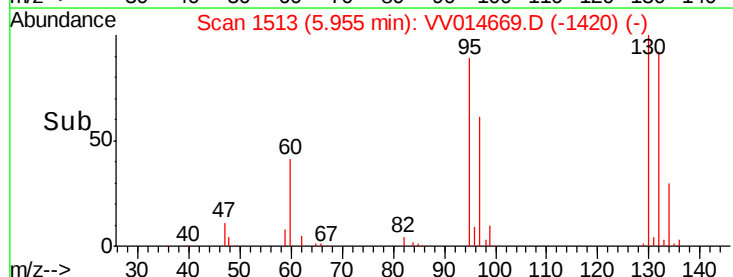
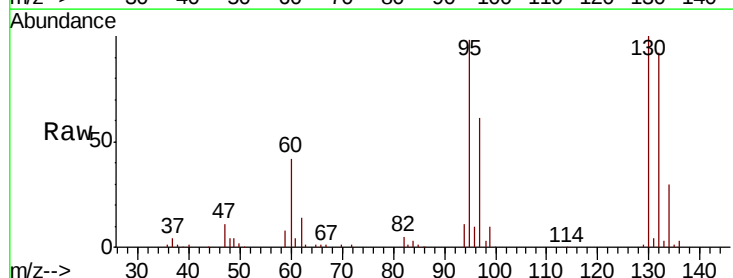
Instrument :
 MSVOA_V
 ClientSampleID :

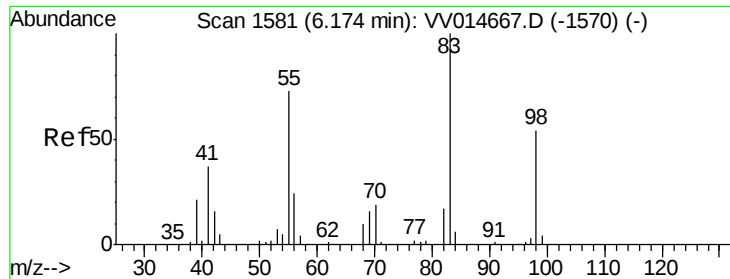
Tot Ion: 97 Resp: 3363
 Ion Ratio Lower Upper
 97 100
 99 60.2 52.0 78.0
 61 22.0 31.4 47.0#



#34
 Trichloroethene
 Concen: 50.119 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV014669.D
 Acq: 21 Feb 2020 21:55

Tgt Ion: 95 Resp: 79312
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.3 82.3
 132 94.5 69.7 129.4
 130 102.3 71.3 132.5

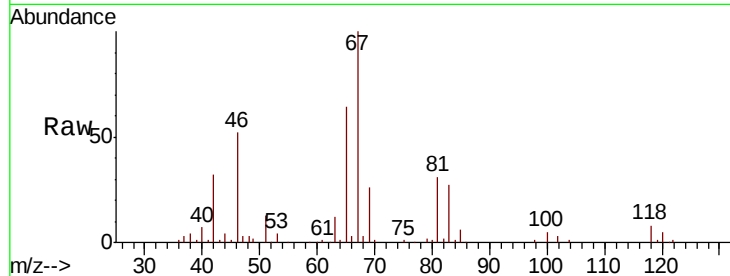




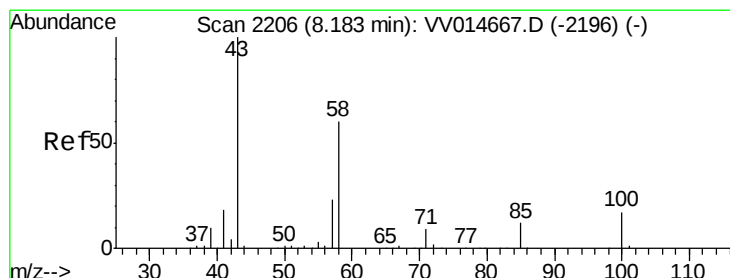
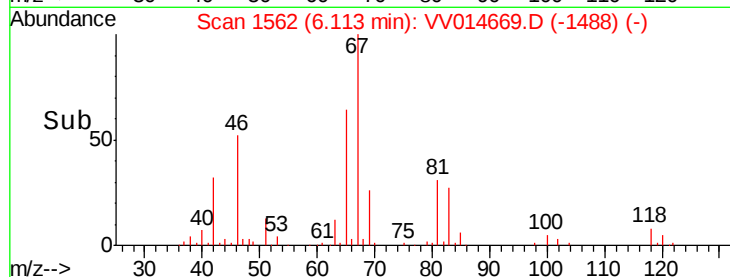
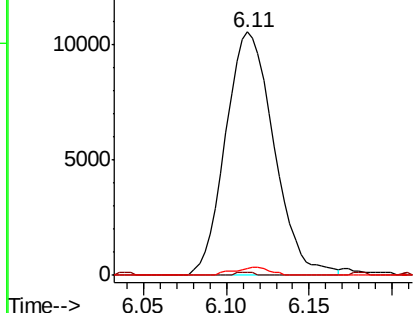
#35
Methvlcvclohexane
Concen: 9.475 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014669.D
Acq: 21 Feb 2020 21:55

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 21403
Ion Ratio Lower Upper
83 100
55 0.4 56.1 84.1#
98 2.4 40.4 60.6#

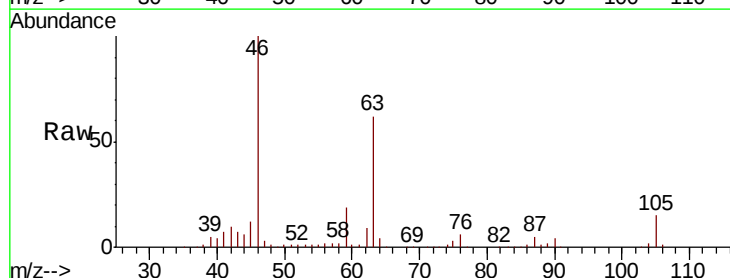


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#48
2-Hexanone
Concen: 5.810 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV014669.D
Acq: 21 Feb 2020 21:55

Tgt Ion: 43 Resp: 7506
Ion Ratio Lower Upper
43 100
58 41.9 49.4 74.2#
57 29.7 17.8 26.8#
100 0.0 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

