

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014676.D
 Acq On : 22 Feb 2020 00:38
 Operator : SY/MD
 Sample : L1608-07 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:38:47 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	213509	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	197741	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	94297	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34182	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.98%
7) Chloroethane-d5	1.59	69	27534	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.12%
11) 1,1-Dichloroethene-d2	2.13	63	55047	35.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.84%
21) 2-Butanone-d5	3.95	46	73507	94.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.83%
24) Chloroform-d	4.40	84	132255	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	5.08	65	92788	53.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.32%
32) Benzene-d6	5.10	84	263821	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
36) 1,2-Dichloropropane-d6	6.11	67	77336	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.36%
41) Toluene-d8	7.36	98	243562	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%
43) trans-1,3-Dichloropropene-	7.66	79	41045	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.14	63	62120	101.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.56%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	110255	52.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.28%
64) 1,2-Dichlorobenzene-d4	11.67	152	94725	51.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.68%

Target Compounds

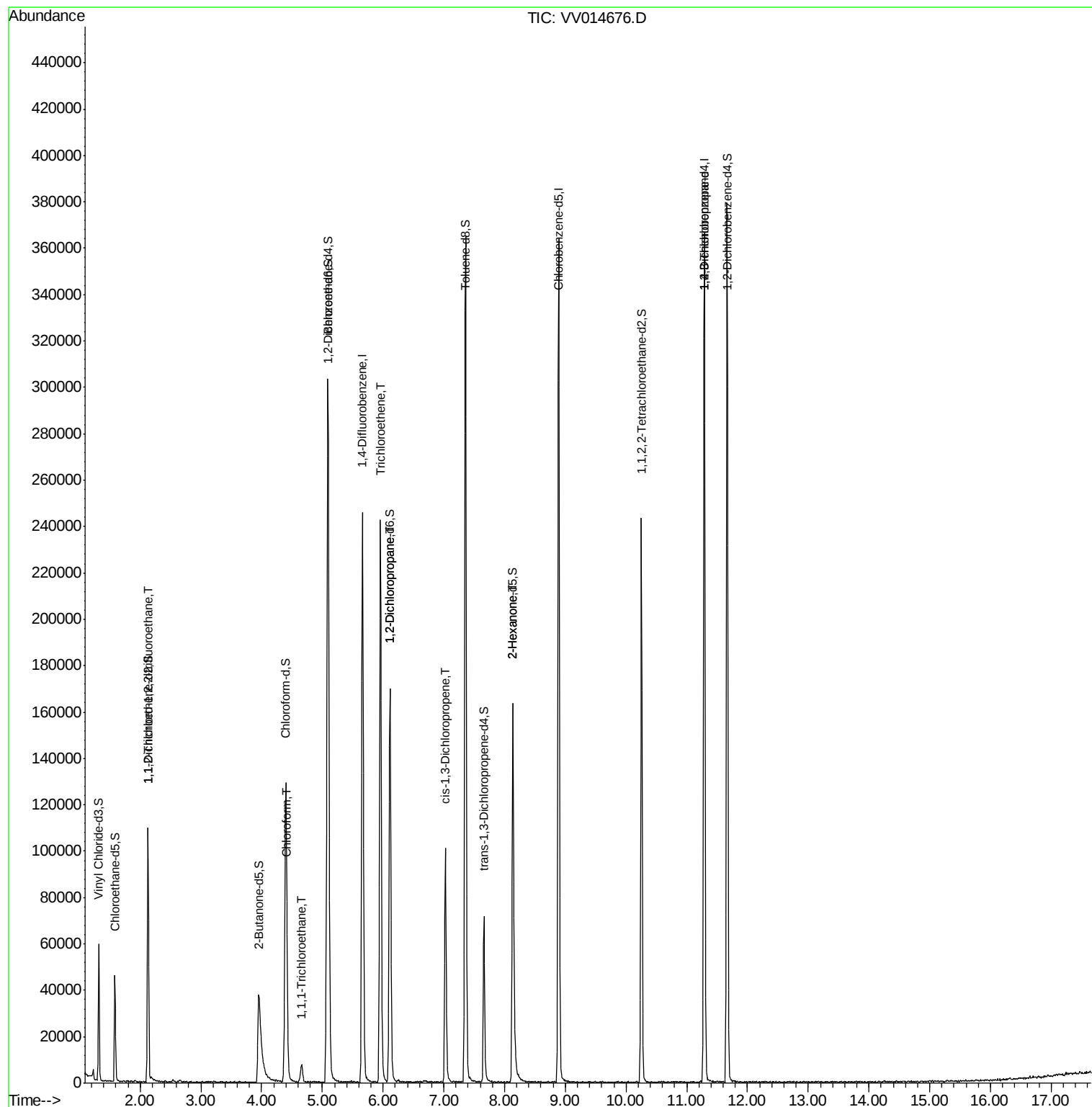
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	703	0.972	ug/L #	28
25) Chloroform	4.42	83	5431	2.052	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	6882	2.993	ug/L #	70
34) Trichloroethene	5.96	95	84491	56.916	ug/L	97
37) 1,2-Dichloropropane	6.11	63	9336	7.485	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2682	1.204	ug/L #	61
48) 2-Hexanone	8.13	43	7760	6.403	ug/L #	74
59) 1,2,3-Trichloropropane	11.29	75	10404	6.165	ug/L #	82

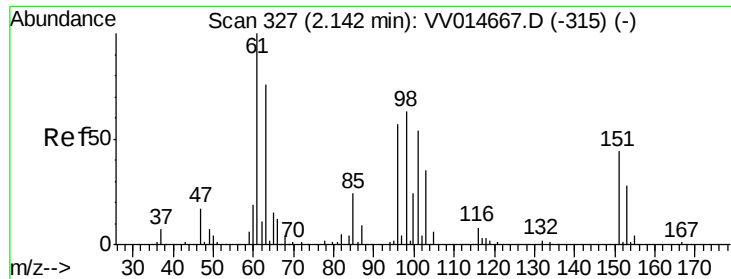
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration





#10

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

Concen: 0.972 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014676.D

Acq: 22 Feb 2020 00:38

Instrument :

MSVOA_V

ClientSampleId :

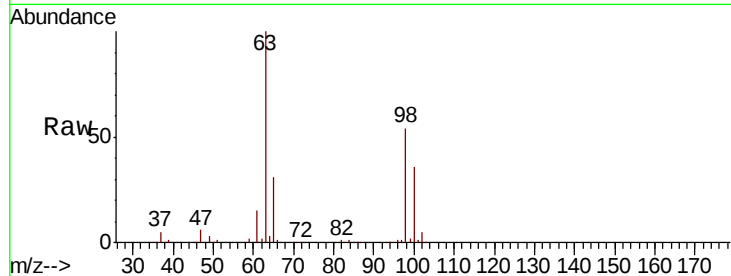
Tot Ion:101 Resp: 703

Ion Ratio Lower Upper

101 100

85 5.7 37.3 55.9#

151 11.5 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

2.13

400

300

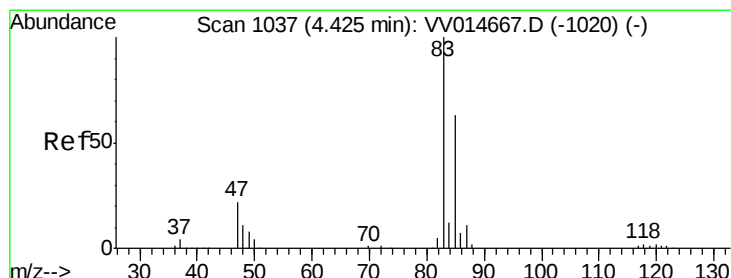
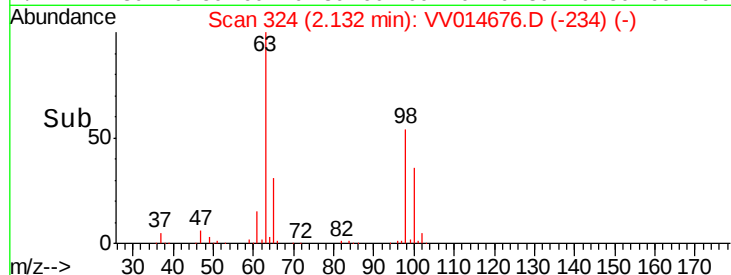
200

100

0

2.10 2.12 2.14 2.16

Time-->



#25

Chloroform

Concen: 2.052 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014676.D

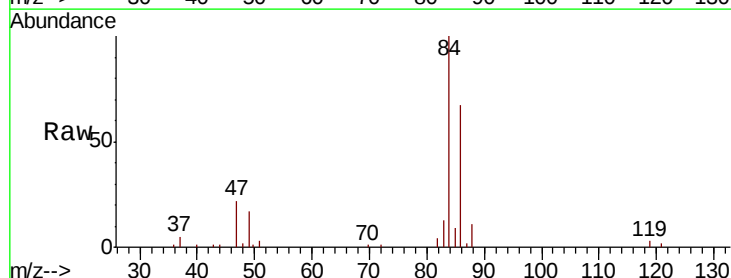
Acq: 22 Feb 2020 00:38

Tgt Ion: 83 Resp: 5431

Ion Ratio Lower Upper

83 100

85 68.6 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

2000

1500

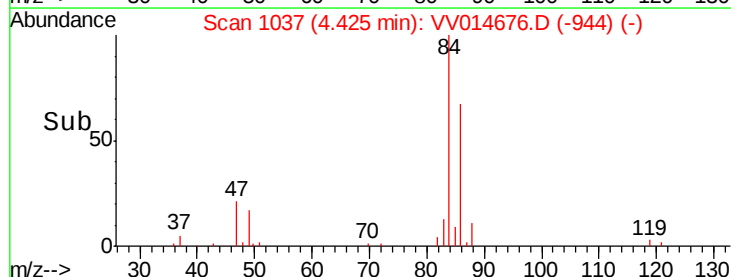
1000

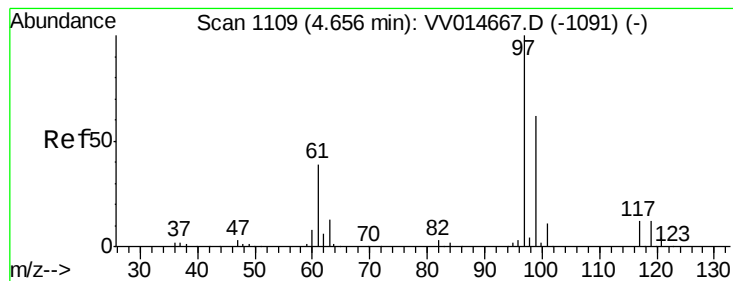
500

0

4.35 4.40 4.45 4.50

Time-->





#30

1,1,1-Trichloroethane

Concen: 2.993 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VV014676.D

Acq: 22 Feb 2020 00:38

Instrument :

MSVOA_V

ClientSampleId :

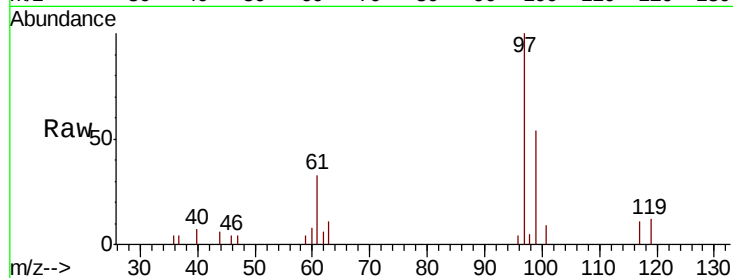
Tot Ion: 97 Resp: 6882

Ion Ratio Lower Upper

97 100

99 30.6 52.0 78.0#

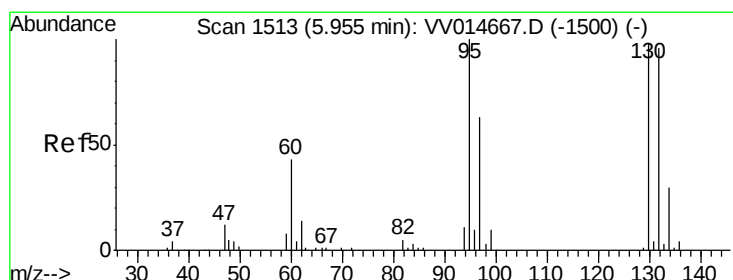
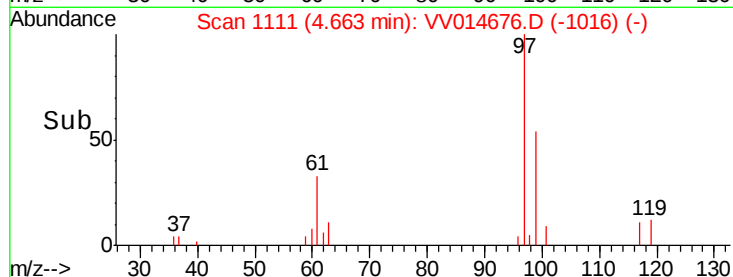
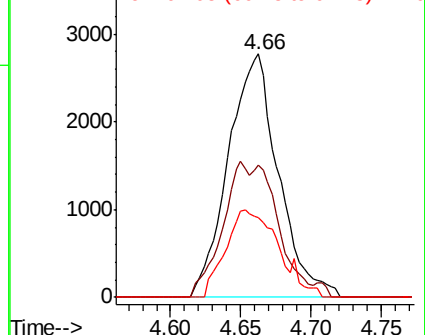
61 35.0 31.4 47.0



Abundance Ion 97.00 (96.70 to 97.70): VV014667.D (-1091) (-)

Ion 99.00 (98.70 to 99.70): VV014667.D (-1091) (-)

Ion 61.05 (60.75 to 61.75): VV014667.D (-1091) (-)



#34

Trichloroethene

Concen: 56.916 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014676.D

Acq: 22 Feb 2020 00:38

Tgt Ion: 95 Resp: 84491

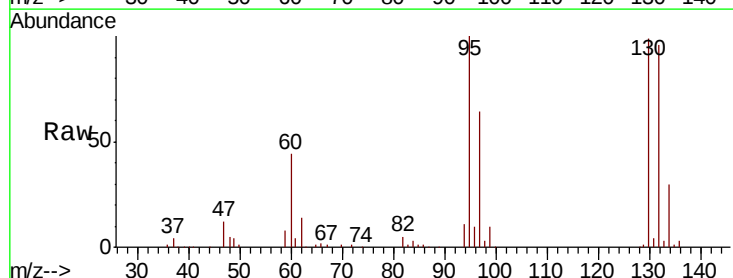
Ion Ratio Lower Upper

95 100

97 63.6 44.3 82.3

132 95.6 69.7 129.4

130 98.8 71.3 132.5

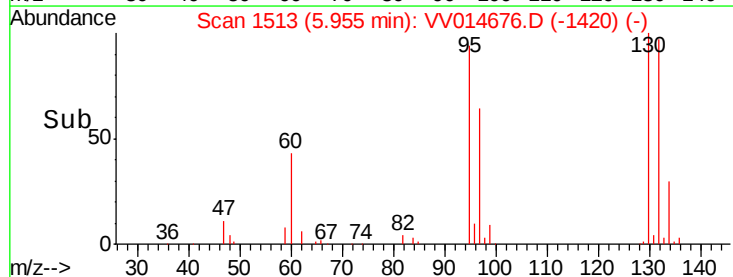
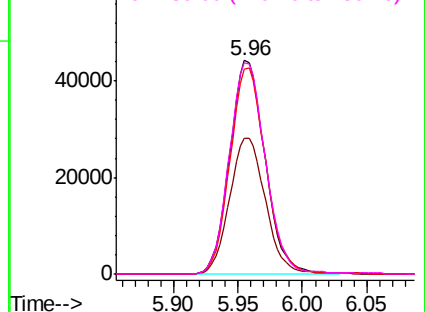


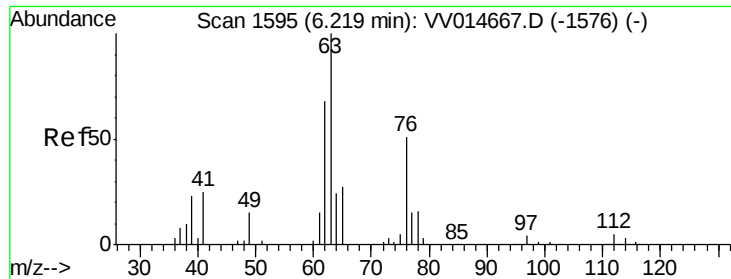
Abundance Ion 95.00 (94.70 to 95.70): VV014667.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV014667.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV014667.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV014667.D (-1500) (-)

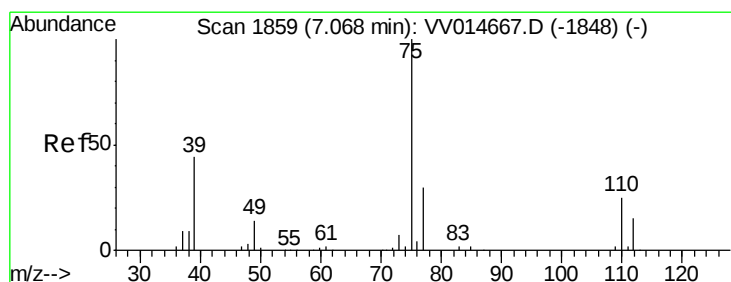
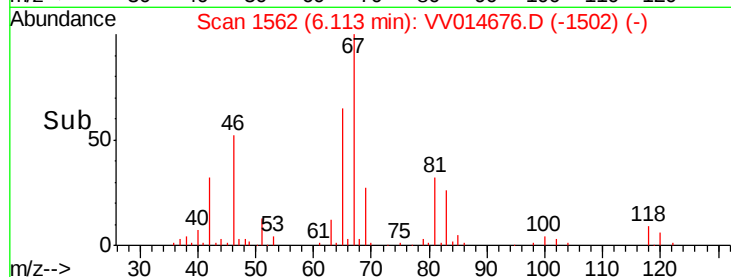
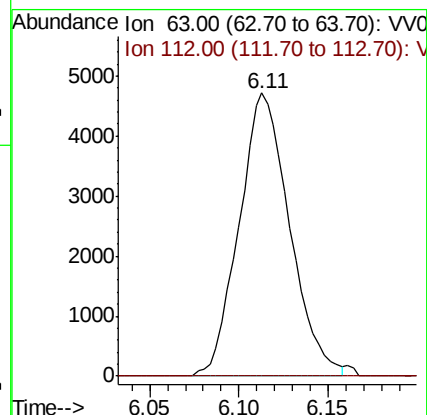
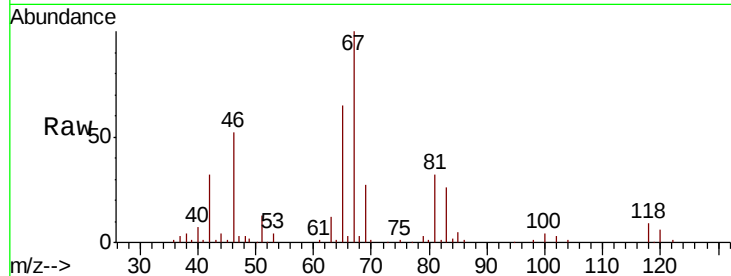




#37
 1,2-Dichloropropane
 Concen: 7.485 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV014676.D
 Acq: 22 Feb 2020 00:38

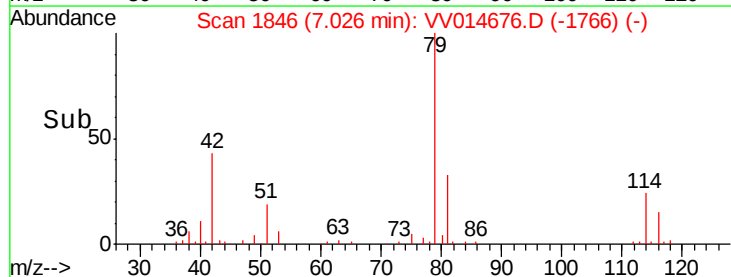
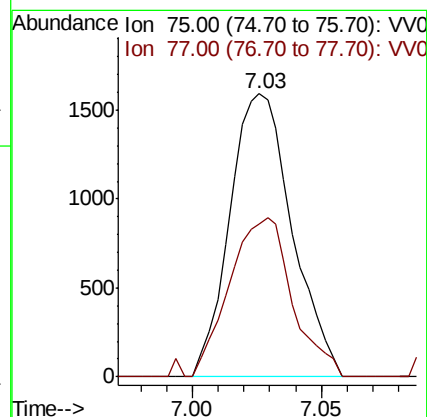
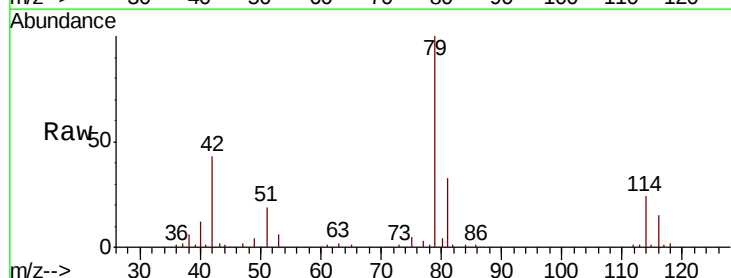
Instrument :
 MSVOA_V
 ClientSampled :

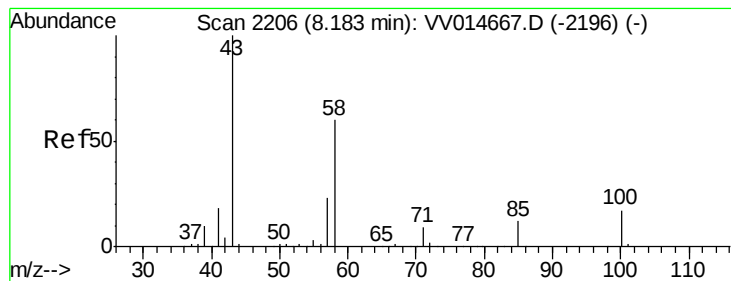
Tot Ion: 63 Resp: 9336
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.204 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014676.D
 Acq: 22 Feb 2020 00:38

Tgt Ion: 75 Resp: 2682
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.4 41.6#





#48

2-Hexanone

Concen: 6.403 ug/L

RT: 8.13 min Scan# 2190

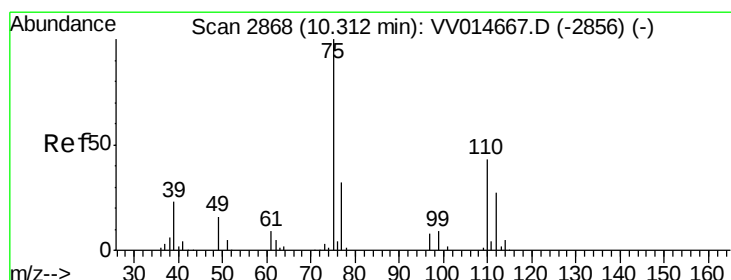
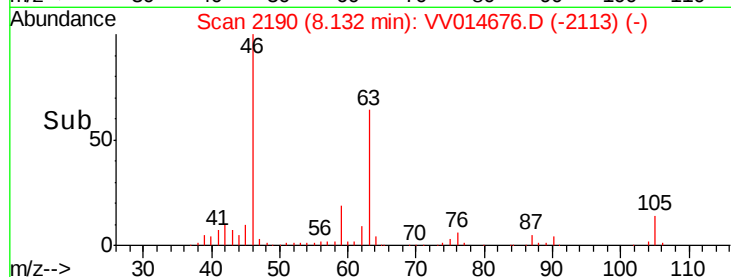
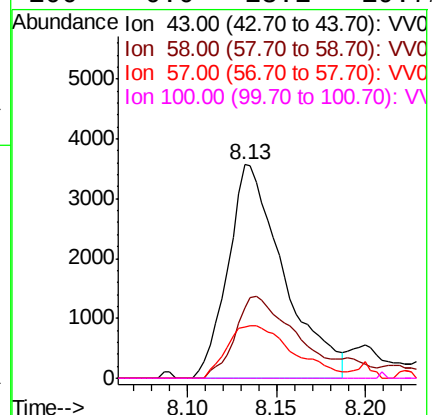
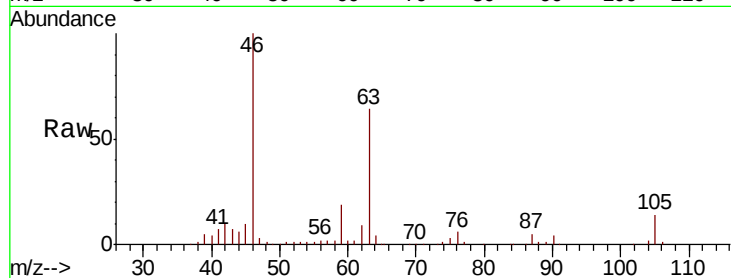
Delta R.T. -0.05 min

Lab File: VV014676.D

Acq: 22 Feb 2020 00:38

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:	43	Resp:	7760
Ion	Ratio	Lower	Upper
43	100		
58	41.0	49.4	74.2#
57	29.5	17.8	26.8#
100	0.0	13.1	19.7#



#59

1,2,3-Trichloropropane

Concen: 6.165 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014676.D

Acq: 22 Feb 2020 00:38

Tgt Ion:	75	Resp:	10404
Ion	Ratio	Lower	Upper
75	100		
77	42.1	25.7	38.5#

