

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\
 Data File : VV014700.D
 Acq On : 24 Feb 2020 15:29
 Operator : SY/MD
 Sample : L1608-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR4

Quant Time: Feb 25 06:40:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 06:37:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213999	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	199308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	95546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28252	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.60%
7) Chloroethane-d5	1.59	69	25479	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.12%
11) 1,1-Dichloroethene-d2	2.13	63	50306	32.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.58%
21) 2-Butanone-d5	3.96	46	73247	94.28	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.28%
24) Chloroform-d	4.40	84	130045	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
26) 1,2-Dichloroethane-d4	5.08	65	90253	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
32) Benzene-d6	5.10	84	247827	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
36) 1,2-Dichloropropane-d6	6.11	67	74279	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.58%
41) Toluene-d8	7.36	98	234014	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%
43) trans-1,3-Dichloropropene-	7.66	79	40603	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.24%
47) 2-Hexanone-d5	8.13	63	60796	98.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.62%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	108131	50.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.46%
64) 1,2-Dichlorobenzene-d4	11.67	152	96140	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%

Target Compounds

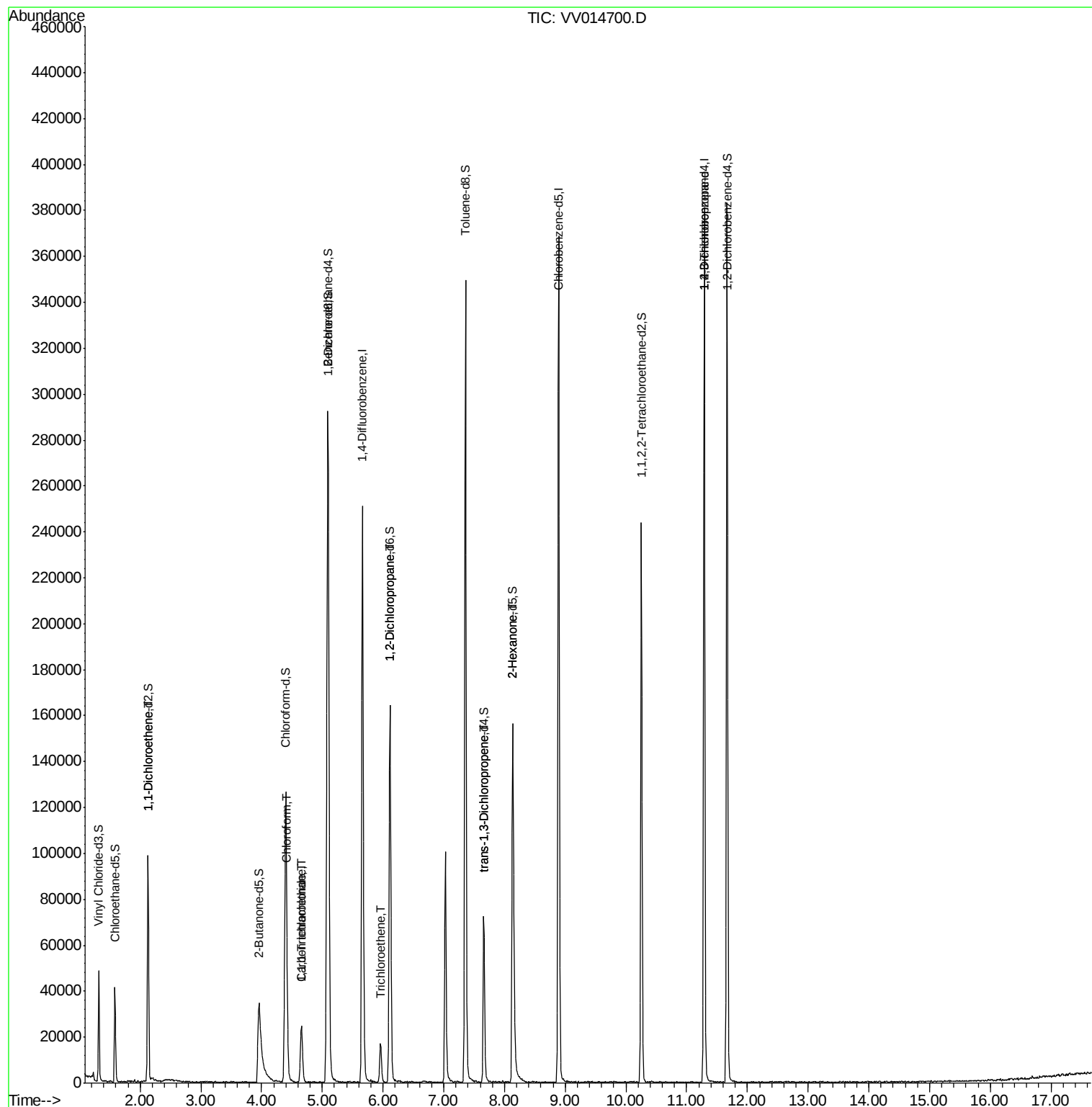
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	542	0.831	ug/L #	1
25) Chloroform	4.42	83	3450	1.301	ug/L	93
30) 1,1,1-Trichloroethane	4.66	97	19756	8.524	ug/L	98
31) Carbon tetrachloride	4.66	117	2514	1.226	ug/L #	56
34) Trichloroethene	5.96	95	5070	3.388	ug/L	89
37) 1,2-Dichloropropane	6.11	63	9056	7.203	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1963	0.964	ug/L #	72
48) 2-Hexanone	8.13	43	7779	6.368	ug/L #	82
59) 1,2,3-Trichloropropane	11.29	75	10439	6.137	ug/L #	80

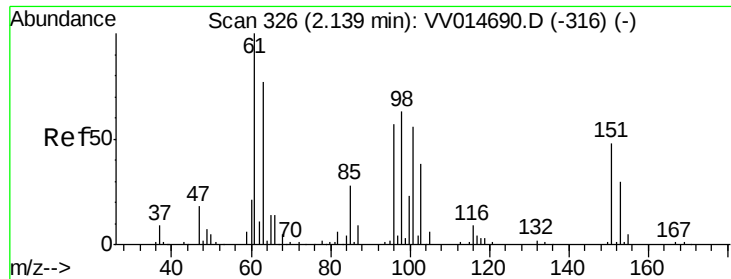
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV022420\
Data File : VV014700.D
Acq On : 24 Feb 2020 15:29
Operator : SY/MD
Sample : L1608-10
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AR4

Quant Time: Feb 25 06:40:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 25 06:37:27 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.831 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014700.D

Acq: 24 Feb 2020 15:29

Instrument :

MSVOA_V

ClientSampleId :

C0AR4

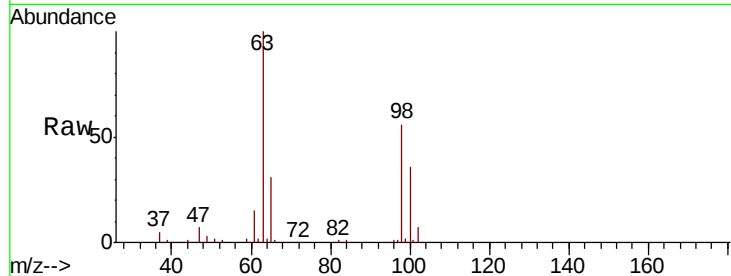
Tot Ion: 96 Resp: 542

Ion Ratio Lower Upper

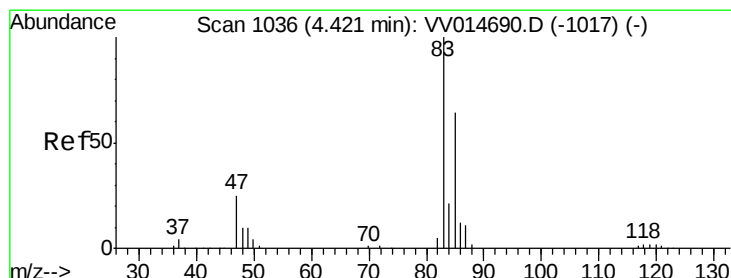
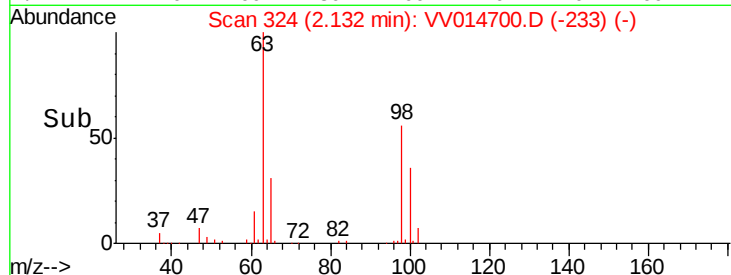
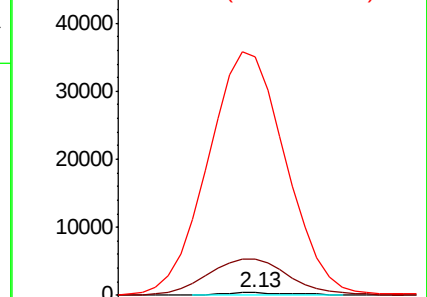
96 100

61 1495.5 124.5 231.1#

63 9735.9 98.1 182.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 63.00 (62.70 to 63.70): VV0



#25

Chloroform

Concen: 1.301 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014700.D

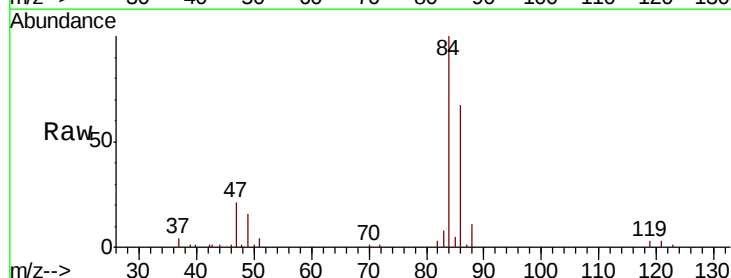
Acq: 24 Feb 2020 15:29

Tgt Ion: 83 Resp: 3450

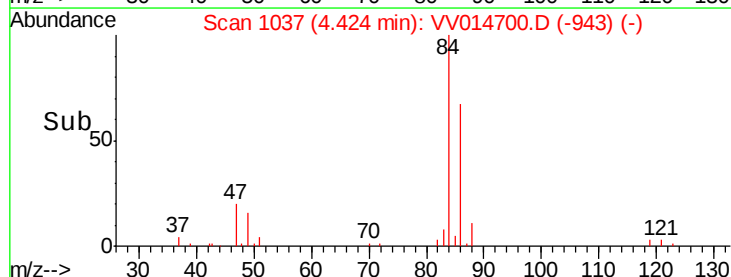
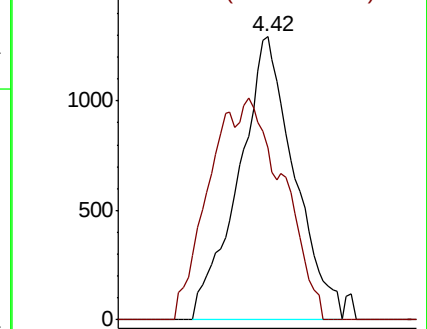
Ion Ratio Lower Upper

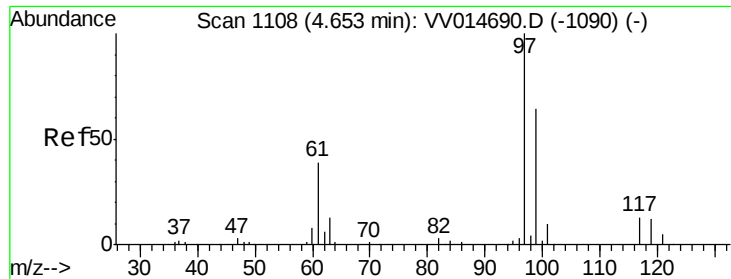
83 100

85 60.6 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

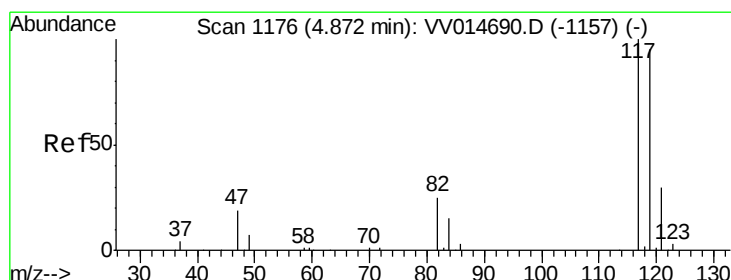
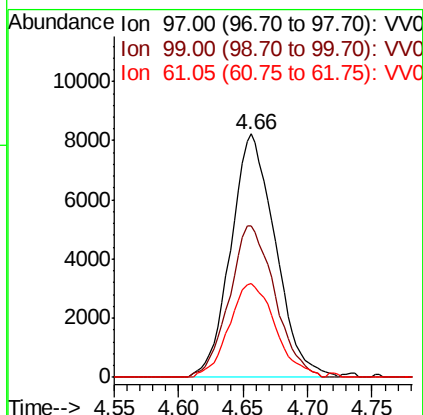
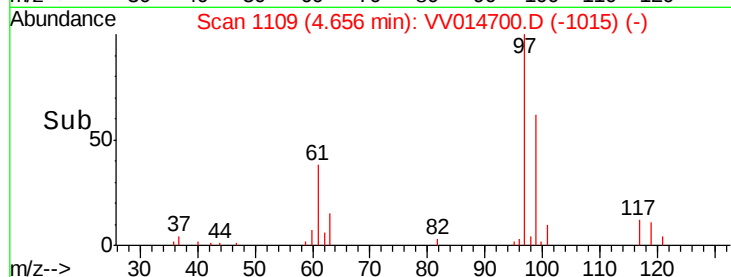
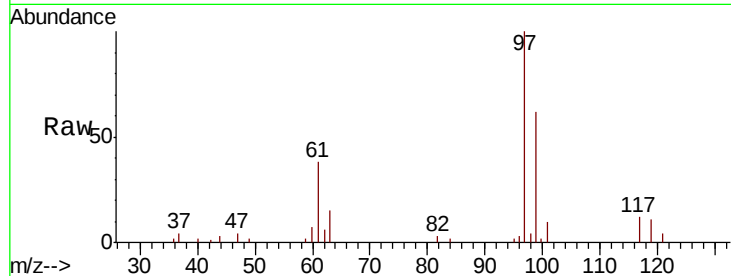




#30
 1,1,1-Trichloroethane
 Concen: 8.524 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV014700.D
 Acq: 24 Feb 2020 15:29

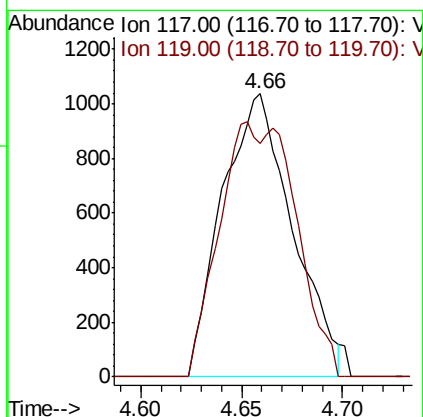
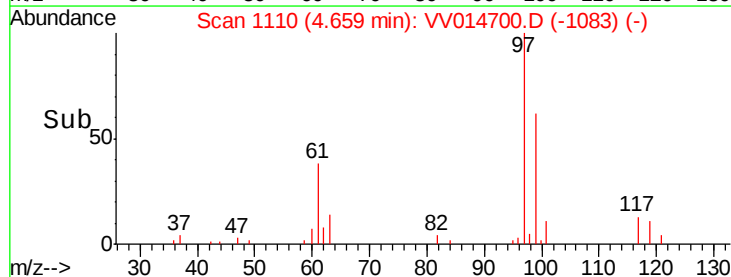
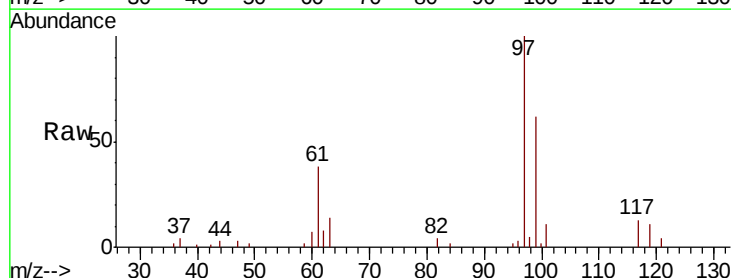
Instrument :
 MSVOA_V
 ClientSampled :
 C0AR4

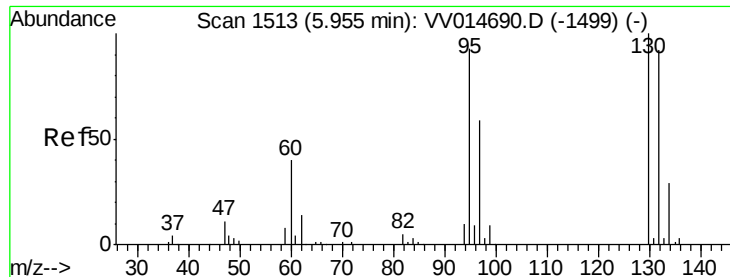
Tot Ion: 97 Resp: 19756
 Ion Ratio Lower Upper
 97 100
 99 63.7 52.0 78.0
 61 40.1 31.4 47.0



#31
 Carbon tetrachloride
 Concen: 1.226 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.21 min
 Lab File: VV014700.D
 Acq: 24 Feb 2020 15:29

Tgt Ion: 117 Resp: 2514
 Ion Ratio Lower Upper
 117 100
 119 53.2 76.9 115.3#

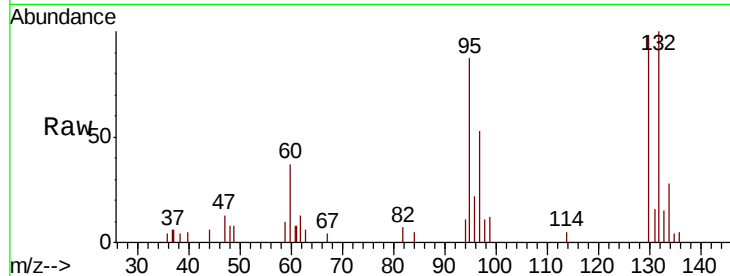




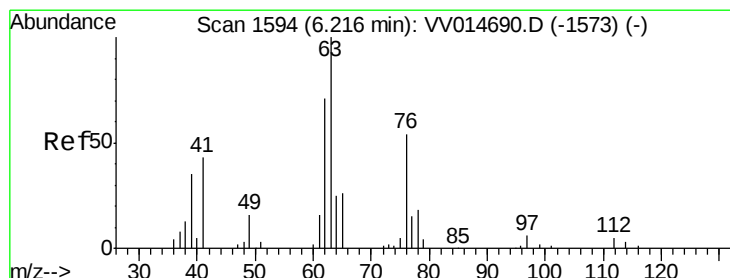
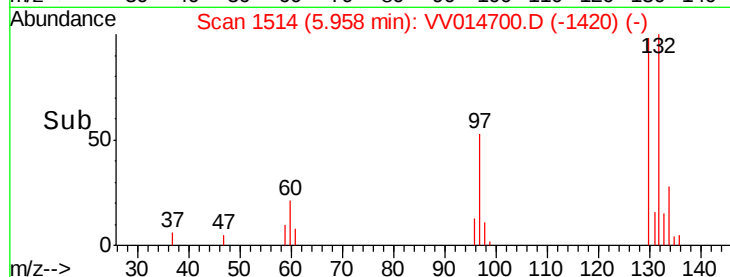
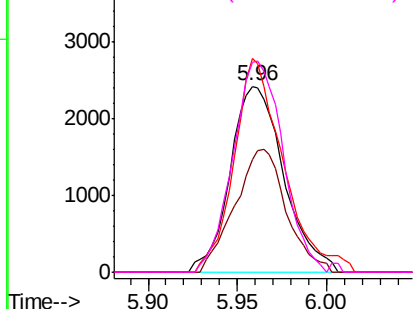
#34
 Trichloroethene
 Concen: 3.388 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV014700.D
 Acq: 24 Feb 2020 15:29

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR4

Tot Ion: 95 Resp: 5070
 Ion Ratio Lower Upper
 95 100
 97 60.4 44.3 82.3
 132 115.0 69.7 129.4
 130 112.9 71.3 132.5

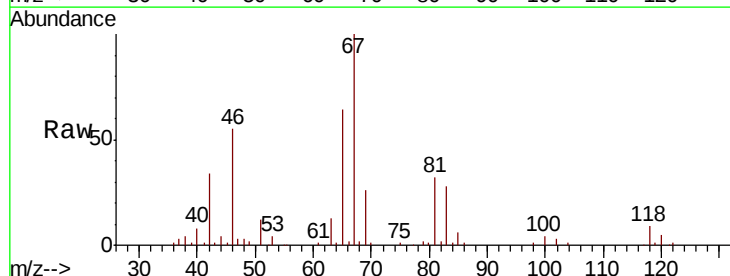


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

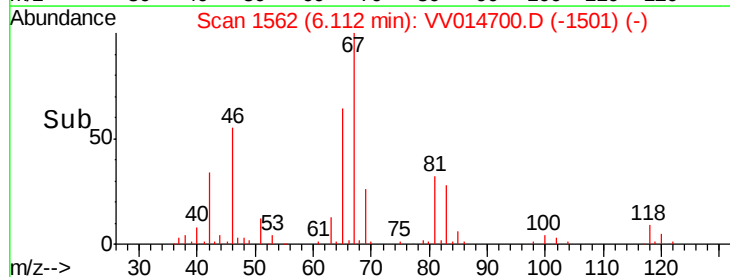
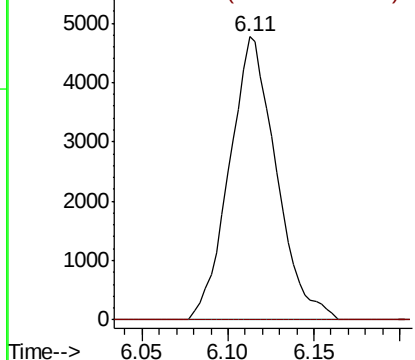


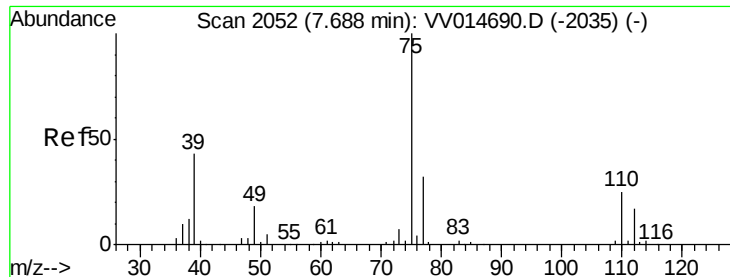
#37
 1,2-Dichloropropane
 Concen: 7.203 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014700.D
 Acq: 24 Feb 2020 15:29

Tgt Ion: 63 Resp: 9056
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 112.00 (111.70 to 112.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.964 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014700.D

Acq: 24 Feb 2020 15:29

Instrument :

MSVOA_V

ClientSampleId :

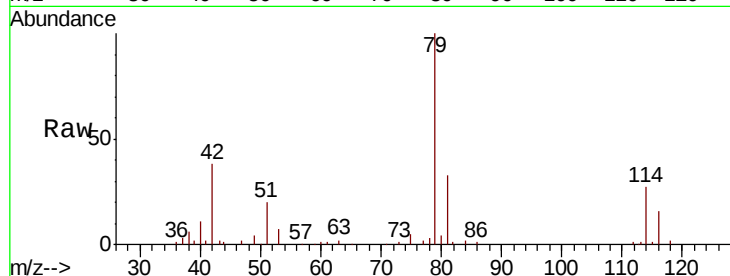
C0AR4

Tot Ion: 75 Resp: 1963

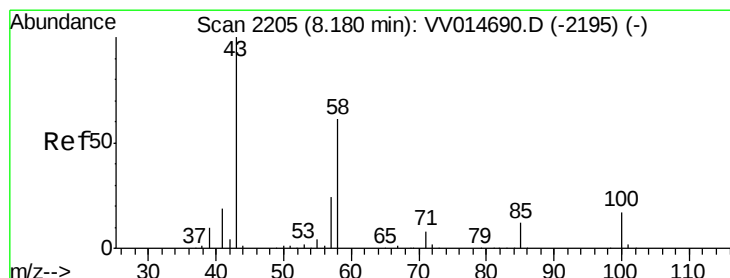
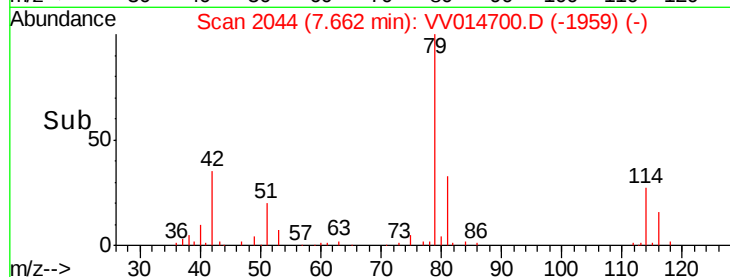
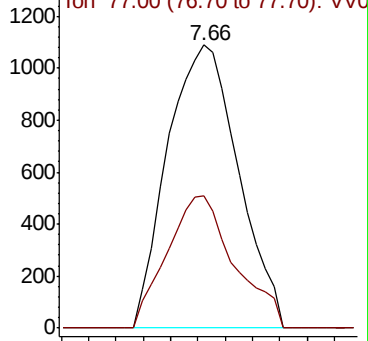
Ion Ratio Lower Upper

75 100

77 46.7 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VV014690.D (-2035) (-)



#48

2-Hexanone

Concen: 6.368 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014700.D

Acq: 24 Feb 2020 15:29

Tgt Ion: 43 Resp: 7779

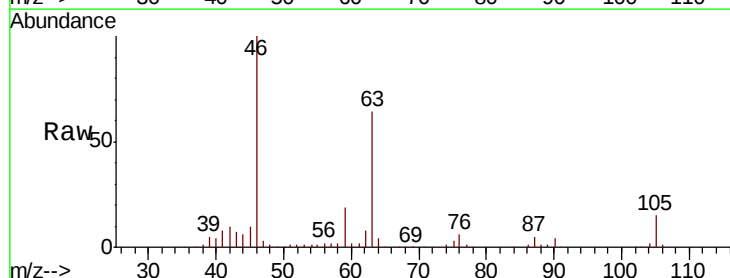
Ion Ratio Lower Upper

43 100

58 50.0 49.4 74.2

57 26.5 17.8 26.8

100 0.0 13.1 19.7#

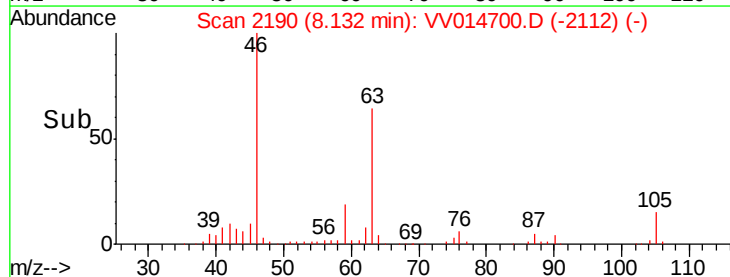
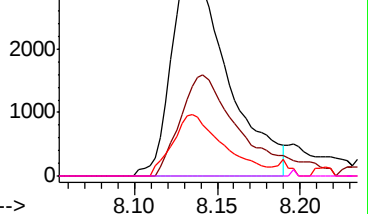


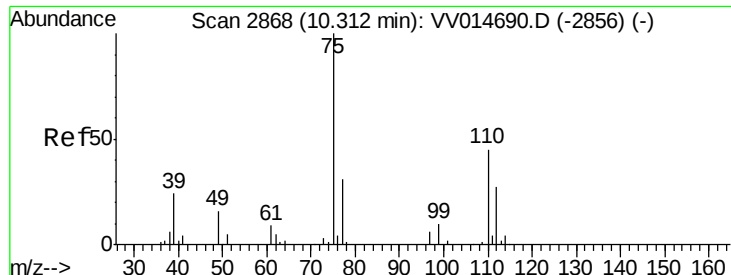
Abundance Ion 43.00 (42.70 to 43.70): VV014690.D (-2195) (-)

Ion 58.00 (57.70 to 58.70): VV014690.D (-2195) (-)

Ion 57.00 (56.70 to 57.70): VV014690.D (-2195) (-)

Ion 100.00 (99.70 to 100.70): VV014690.D (-2195) (-)





#59

1,2,3-Trichloropropane

Concen: 6.137 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014700.D

Acq: 24 Feb 2020 15:29

Instrument :

MSVOA_V

ClientSampleId :

C0AR4

Tot Ion: 75 Resp: 10439

Ion Ratio Lower Upper

75 100

77 43.1 25.7 38.5#

