

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007052.D
 Acq On : 17 Aug 2018 14:09
 Operator : SY/MD
 Sample : J4487-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:38:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	201369	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193920	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75931	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71838	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.58	69	62767	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.13	63	131569	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.80%
20) 2-Butanone-d5	3.97	46	188556	50.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	4.41	84	147444	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.09	65	74452	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.10	84	282185	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.12	67	93790	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.37	98	210381	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	28260	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.15	63	78655	32.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	67029	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	72982	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

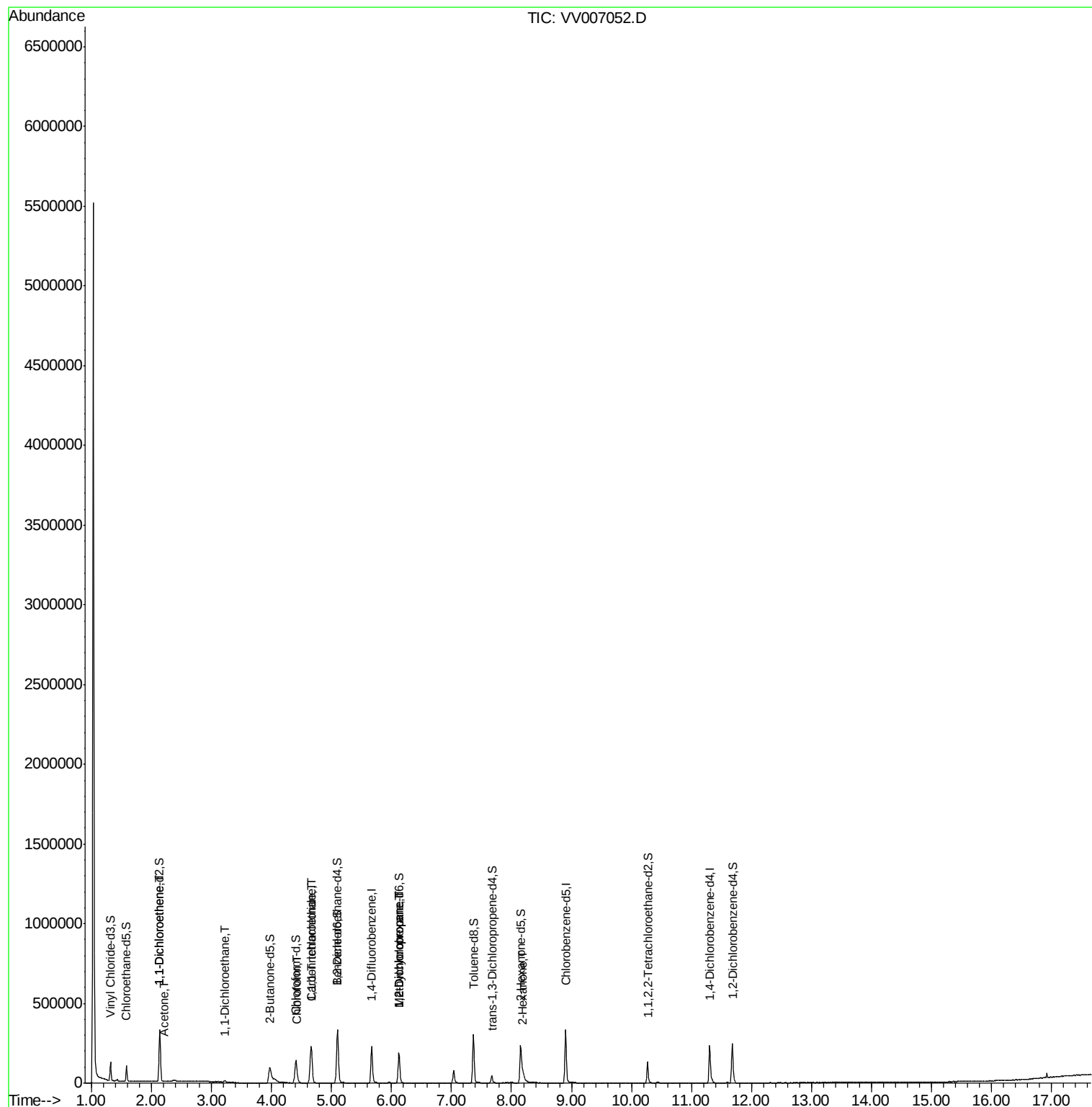
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	61435	4.249	ug/L	97
13) Acetone	2.21	43	2784	1.446	ug/L	97
19) 1,1-Dichloroethane	3.23	63	5722	0.205	ug/L	96
25) Chloroform	4.43	83	11402	0.373	ug/L	87
29) 1,1,1-Trichloroethane	4.66	97	186109	7.198	ug/L	99
31) Carbon tetrachloride	4.66	117	24992	1.153	ug/L	100
35) Methylcyclohexane	6.12	83	22119	0.855	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	10135	0.551	ug/L #	87
48) 2-Hexanone	8.20	43	20407	2.913	ug/L #	91

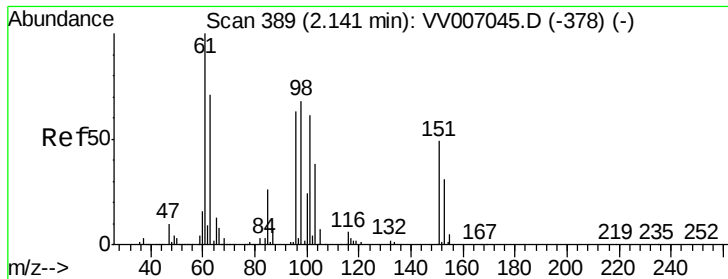
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.249 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

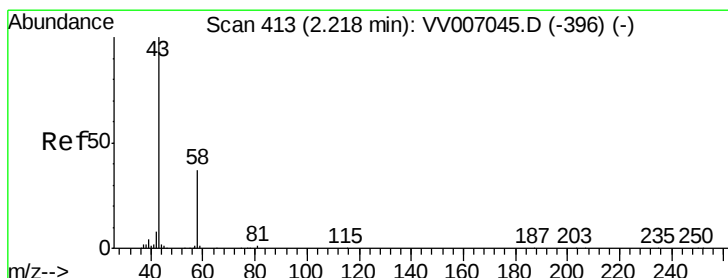
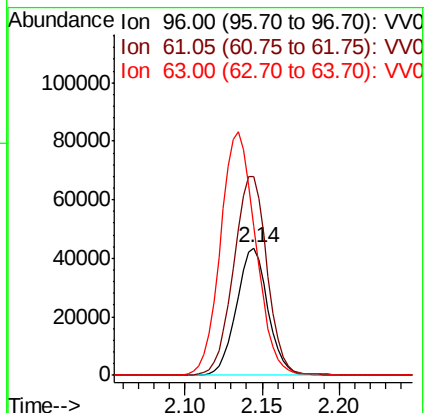
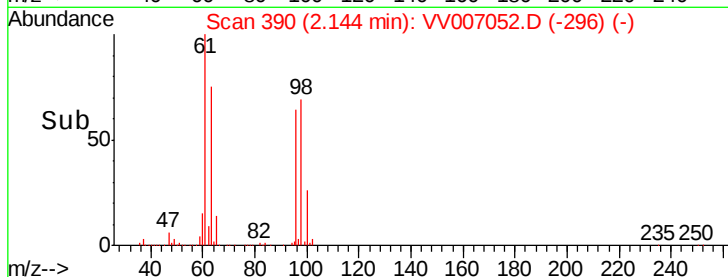
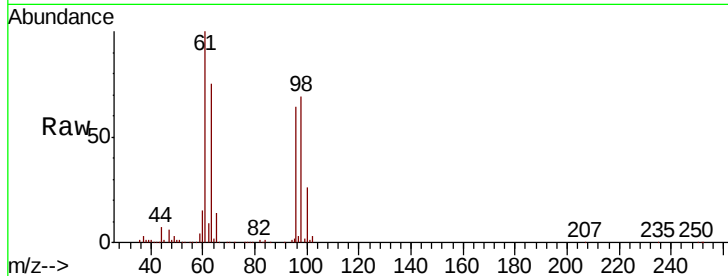
Lab File: VV007052.D

Acq: 17 Aug 2018 14:09

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 61435

Ion	Ratio	Lower	Upper
96	100		
61	155.7	111.6	207.4
63	116.5	84.9	157.7



#13

Acetone

Concen: 1.446 ug/L

RT: 2.21 min Scan# 410

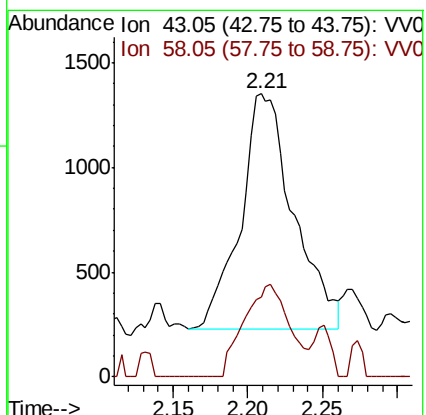
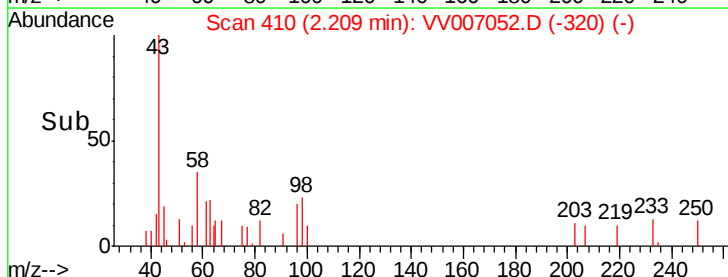
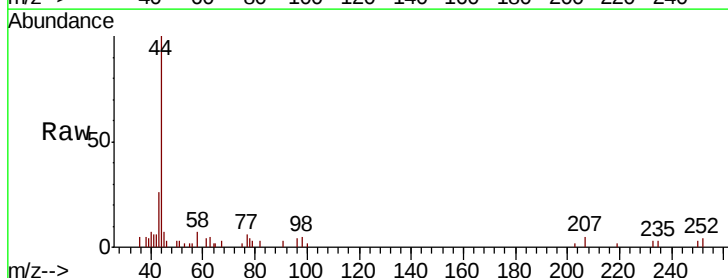
Delta R.T. -0.01 min

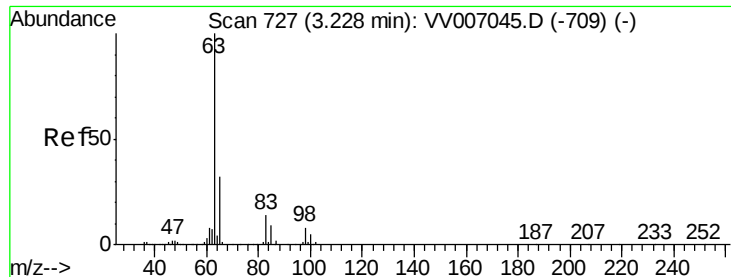
Lab File: VV007052.D

Acq: 17 Aug 2018 14:09

Tgt Ion: 43 Resp: 2784

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	71.4





#19

1,1-Dichloroethane

Concen: 0.205 ug/L

RT: 3.23 min Scan# 727

Delta R.T. -0.00 min

Lab File: VV007052.D

Acq: 17 Aug 2018 14:09

Instrument :

MSVOA_V

ClientSampleId :

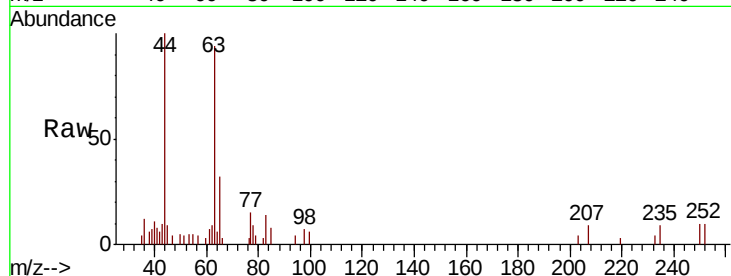
Tot Ion: 63 Resp: 5722

Ion Ratio Lower Upper

63 100

65 34.4 21.7 40.3

83 14.5 10.0 18.6

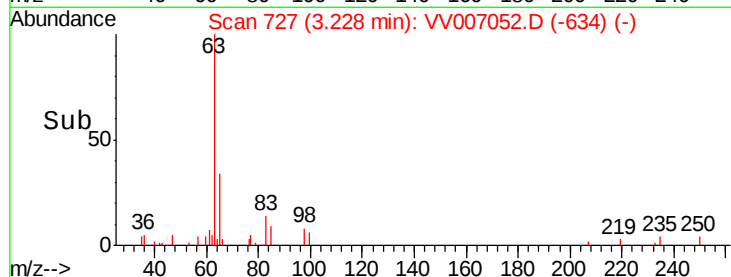


Abundance Ion 63.10 (62.80 to 63.80): VV007045.D (-709) (-)

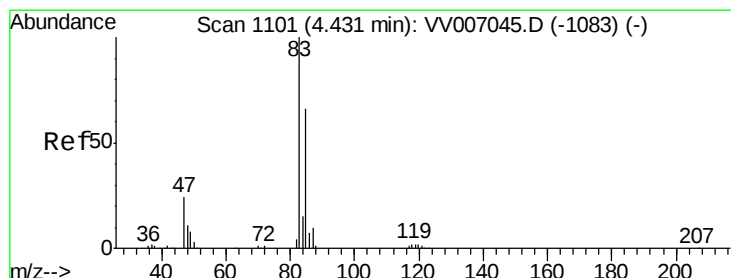
Ion 65.10 (64.80 to 65.80): VV007045.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VV007045.D (-709) (-)

Time-->



Time-->



#25

Chloroform

Concen: 0.373 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV007052.D

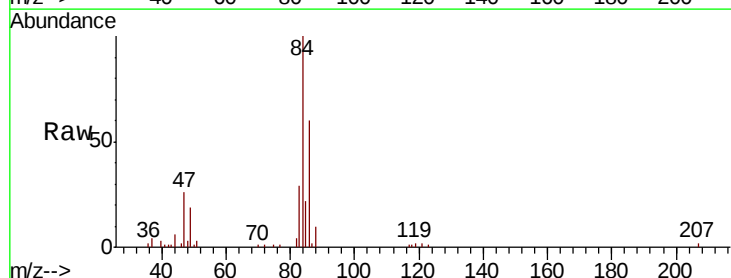
Acq: 17 Aug 2018 14:09

Tgt Ion: 83 Resp: 11402

Ion Ratio Lower Upper

83 100

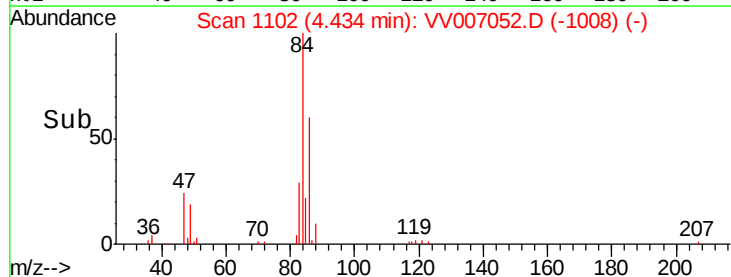
85 74.0 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VV007045.D (-1083) (-)

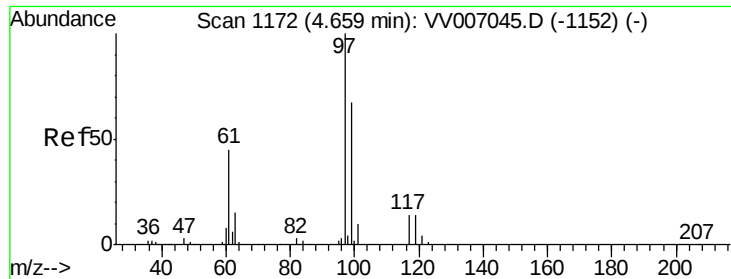
Ion 85.00 (84.70 to 85.70): VV007045.D (-1083) (-)

Time-->



Time-->

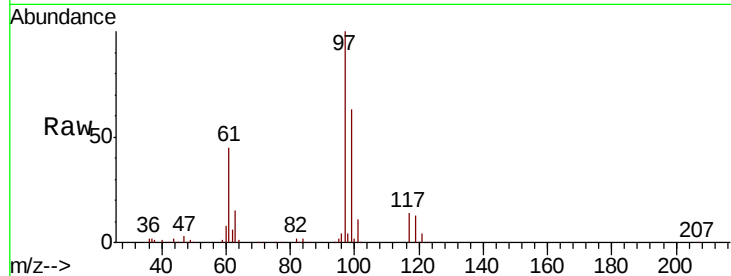
Time-->



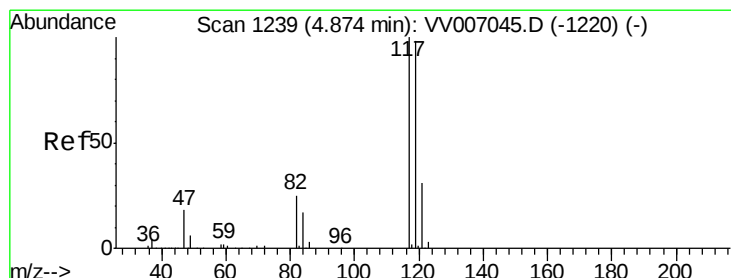
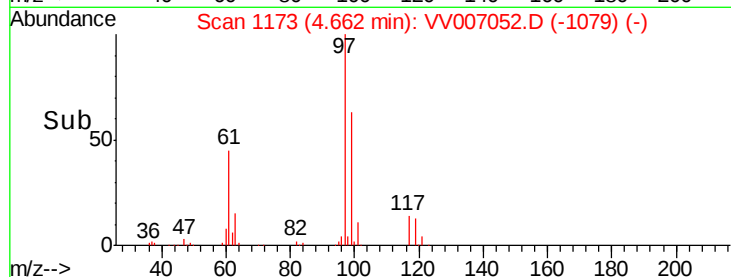
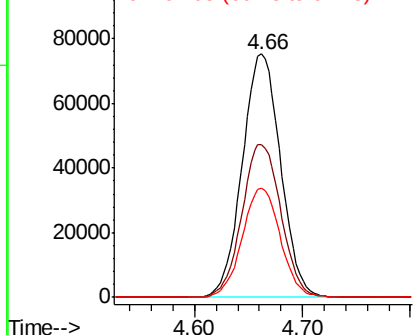
#29
 1,1,1-Trichloroethane
 Concen: 7.198 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007052.D
 Acq: 17 Aug 2018 14:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	97	Resp	186109
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.0	76.6
61	44.8	36.6	54.8

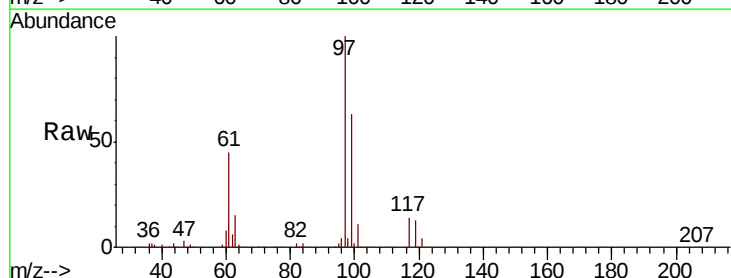


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

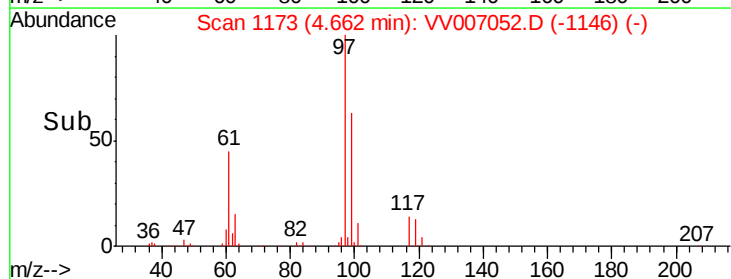
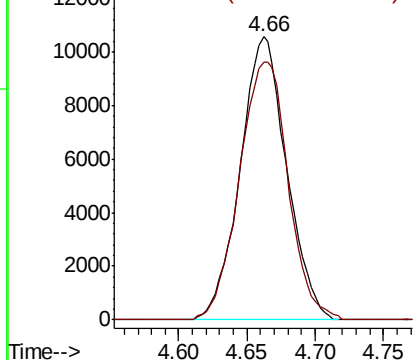


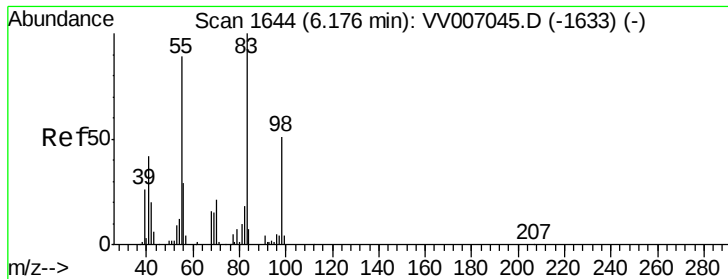
#31
 Carbon tetrachloride
 Concen: 1.153 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.21 min
 Lab File: VV007052.D
 Acq: 17 Aug 2018 14:09

Tgt Ion	117	Resp	24992
Ion Ratio	Lower	Upper	
117	100		
119	95.7	76.2	114.4



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

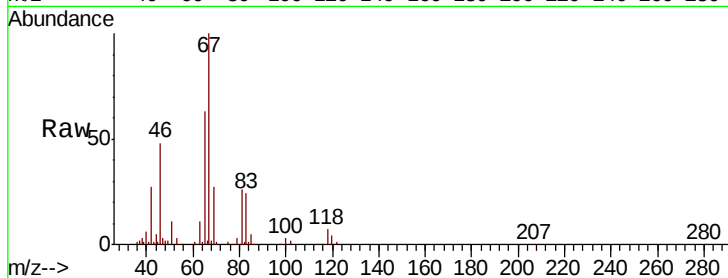




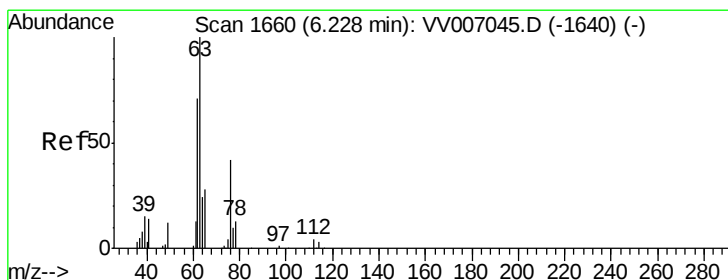
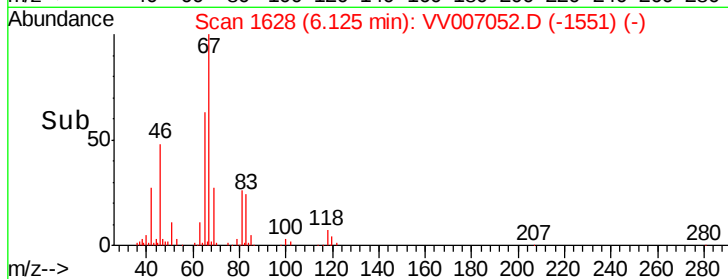
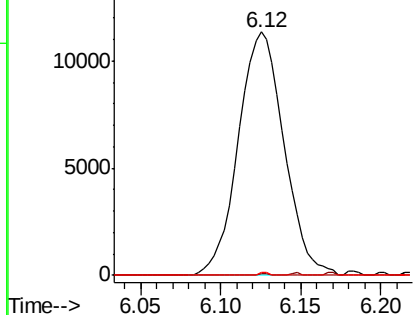
#35
Methvlcvclohexane
Concen: 0.855 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007052.D
Acq: 17 Aug 2018 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 22119
Ion Ratio Lower Upper
83 100
55 0.2 68.1 102.1#
98 0.3 37.9 56.9#

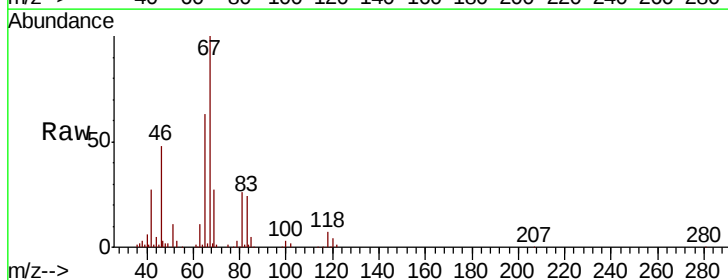


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

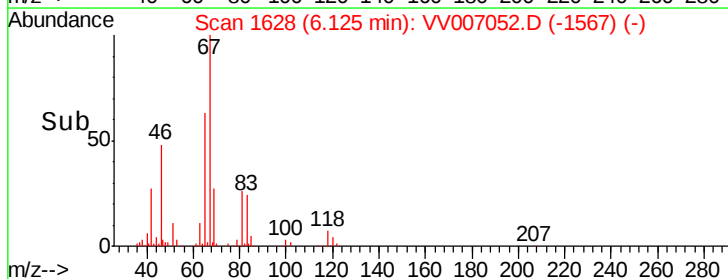
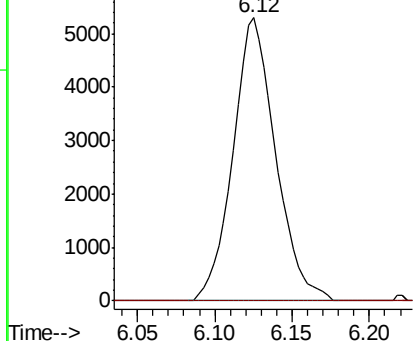


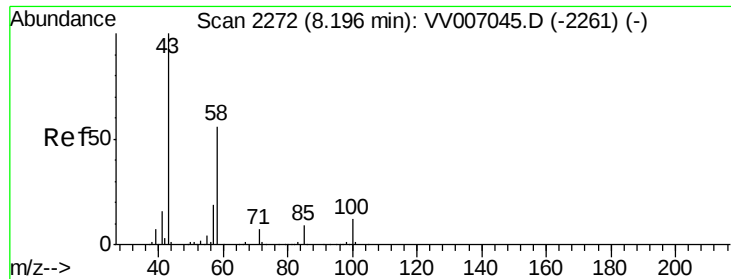
#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007052.D
Acq: 17 Aug 2018 14:09

Tgt Ion: 63 Resp: 10135
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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





#48
 2-Hexanone
 Concen: 2.913 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VV007052.D
 Acq: 17 Aug 2018 14:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 20407
 Ion Ratio Lower Upper
 43 100
 58 48.4 44.2 66.2
 57 15.5 14.8 22.2
 100 7.1 8.8 13.2#

