

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007051.D
 Acq On : 17 Aug 2018 13:42
 Operator : SY/MD
 Sample : J4487-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:38:12 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	199686	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195164	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73697	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71598	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.58	69	62865	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.13	63	133375	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.20%
20) 2-Butanone-d5	3.97	46	185261	49.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.96%
24) Chloroform-d	4.41	84	147826	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	5.09	65	74791	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.10	84	282661	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
36) 1,2-Dichloropropane-d6	6.12	67	95103	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.37	98	212966	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.67	79	29542	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.15	63	79230	32.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68411	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	73965	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

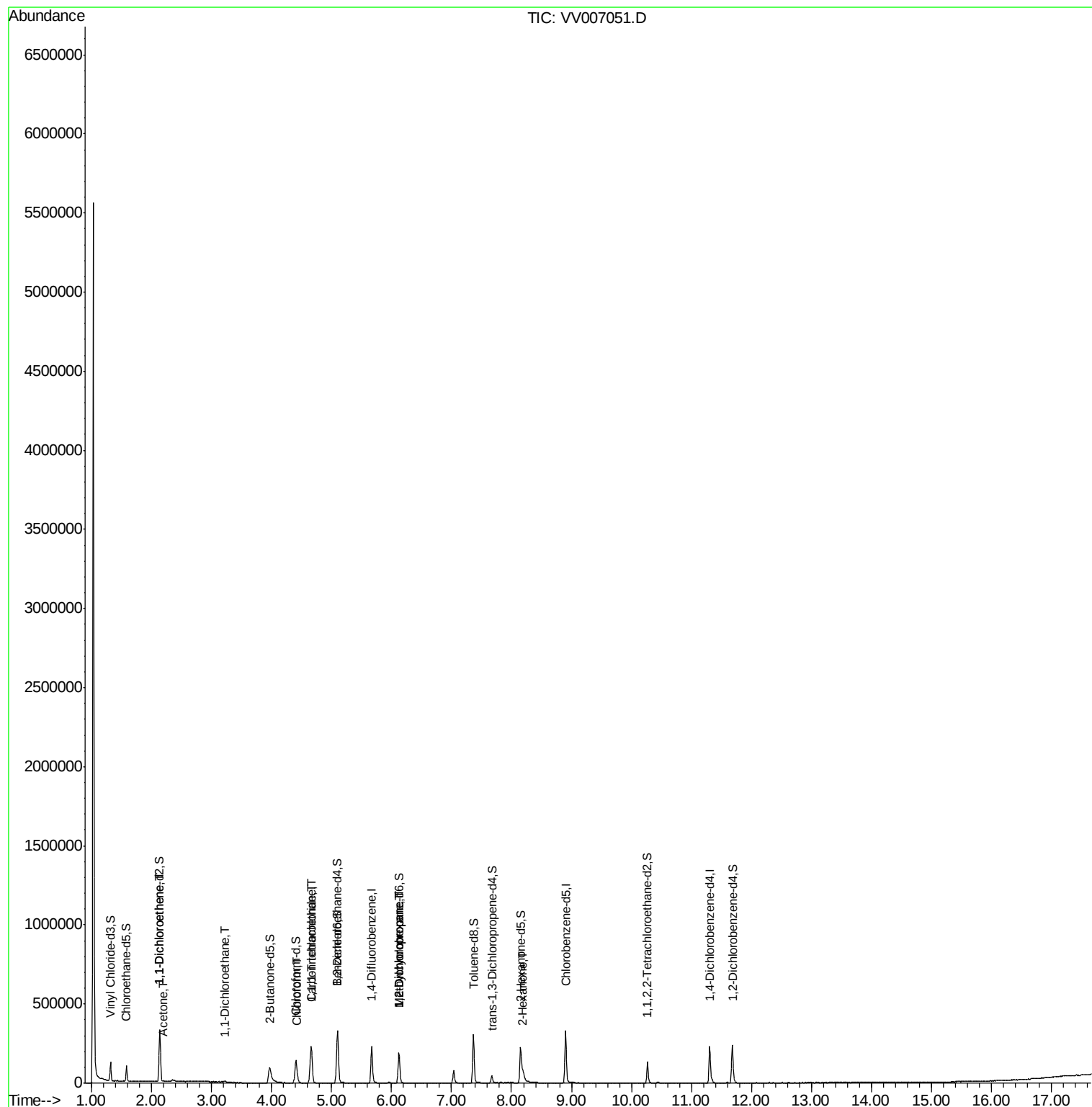
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	62952	4.390	ug/L	98
13) Acetone	2.21	43	3140	1.645	ug/L	83
19) 1,1-Dichloroethane	3.23	63	6709	0.242	ug/L	95
25) Chloroform	4.44	83	12234	0.403	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	186924	7.183	ug/L	99
31) Carbon tetrachloride	4.66	117	25061	1.148	ug/L	100
35) Methylcyclohexane	6.12	83	22321	0.858	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	10139	0.548	ug/L #	88
48) 2-Hexanone	8.20	43	27715	3.931	ug/L #	85

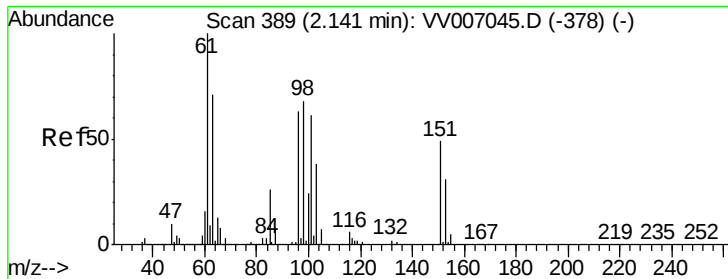
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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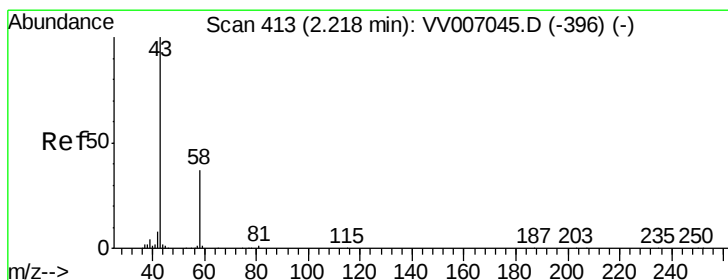
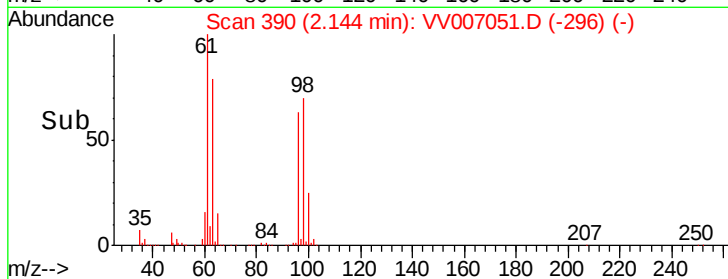
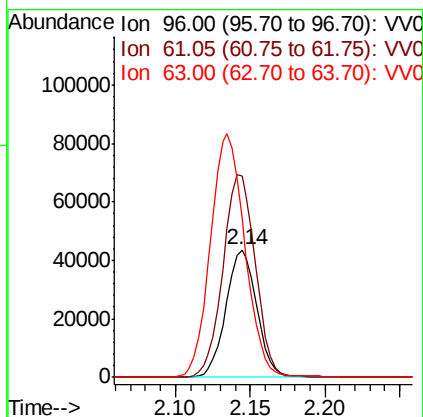
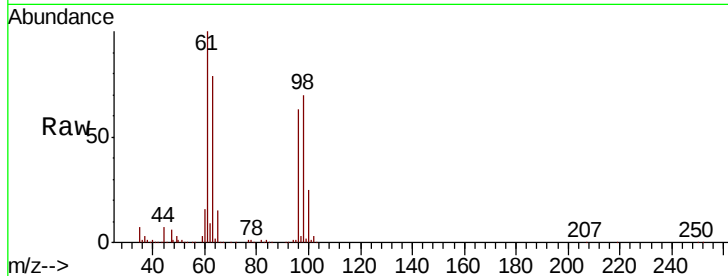




#12
 1,1-Dichloroethene
 Concen: 4.390 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV007051.D
 Acq: 17 Aug 2018 13:42

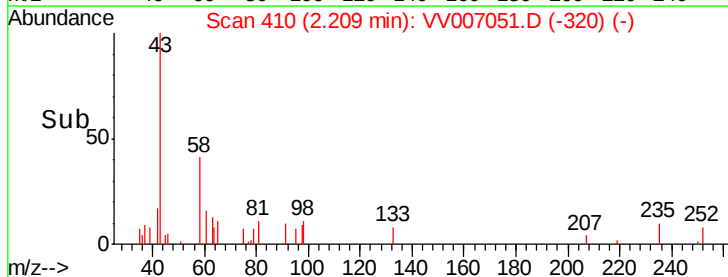
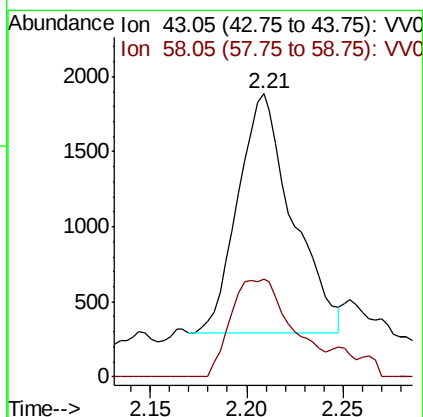
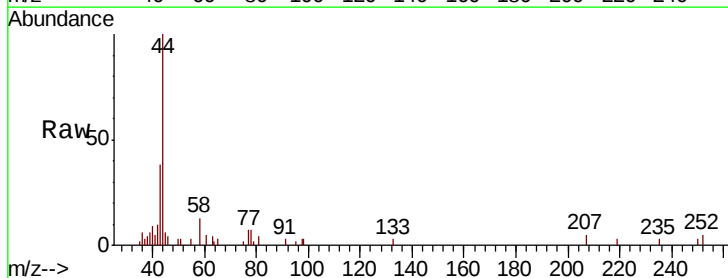
Instrument :
 MSVOA_V
 ClientSampleId :

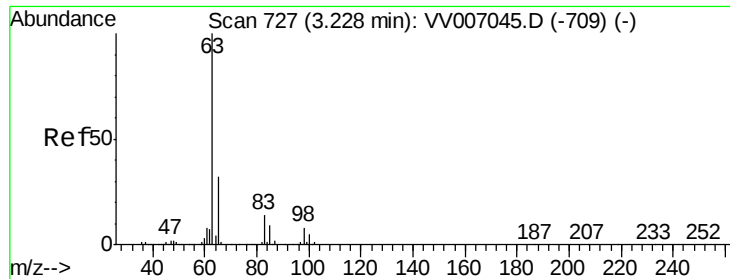
Tot Ion: 96 Resp: 62952
 Ion Ratio Lower Upper
 96 100
 61 158.0 111.6 207.4
 63 124.5 84.9 157.7



#13
 Acetone
 Concen: 1.645 ug/L
 RT: 2.21 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VV007051.D
 Acq: 17 Aug 2018 13:42

Tgt Ion: 43 Resp: 3140
 Ion Ratio Lower Upper
 43 100
 58 45.8 0.0 71.4





#19

1,1-Dichloroethane

Concen: 0.242 ug/L

RT: 3.23 min Scan# 727

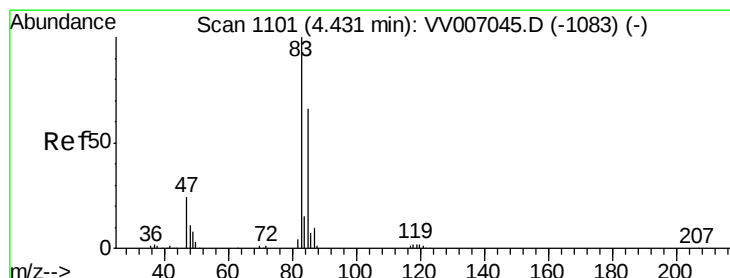
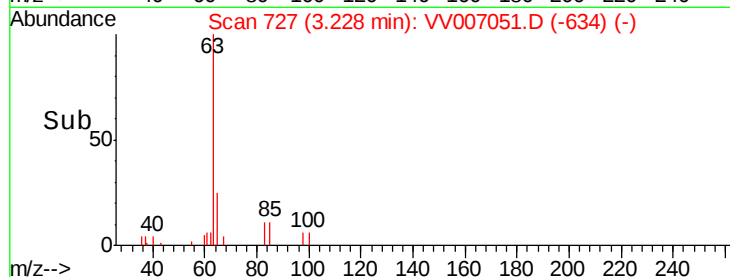
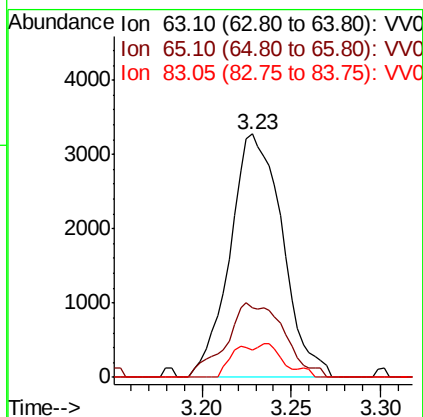
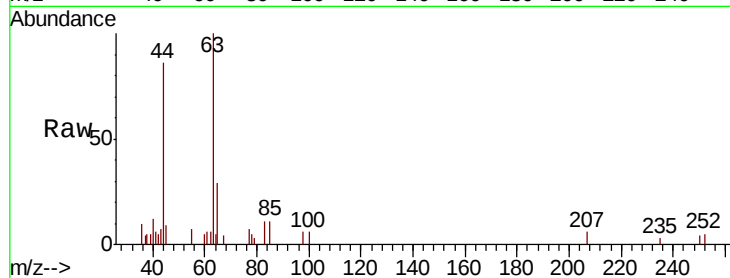
Delta R.T. -0.00 min

Lab File: VV007051.D

Acq: 17 Aug 2018 13:42

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	63	Resp:	6709
Ion	Ratio	Lower	Upper
63	100		
65	28.6	21.7	40.3
83	11.3	10.0	18.6



#25

Chloroform

Concen: 0.403 ug/L

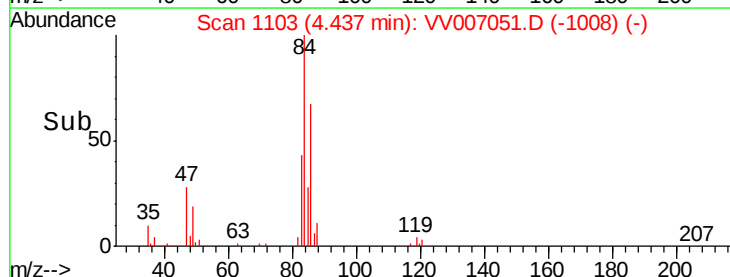
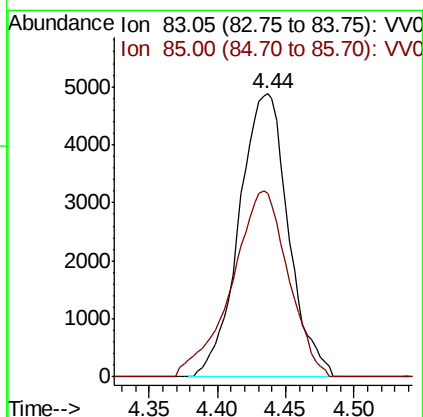
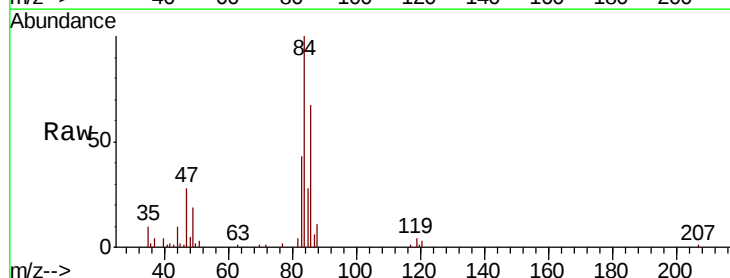
RT: 4.44 min Scan# 1103

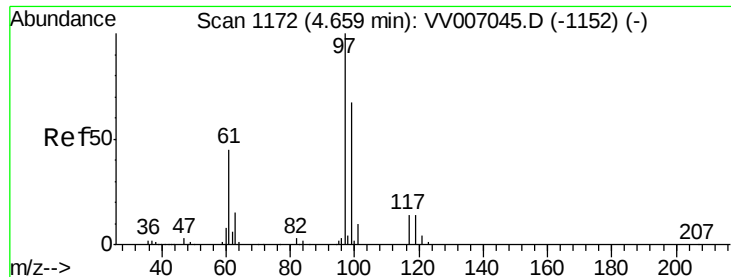
Delta R.T. 0.01 min

Lab File: VV007051.D

Acq: 17 Aug 2018 13:42

Tgt Ion:	83	Resp:	12234
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.7	82.9

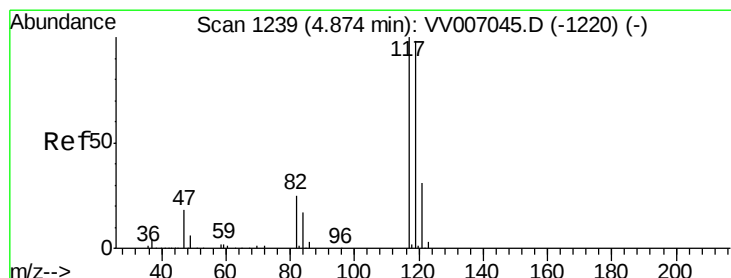
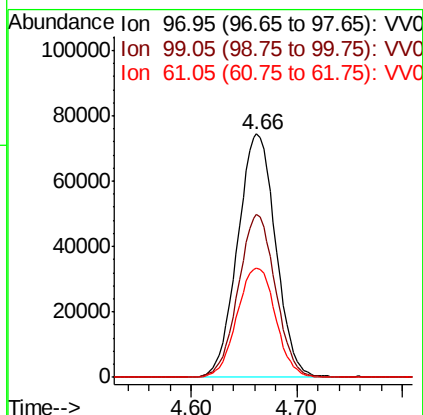
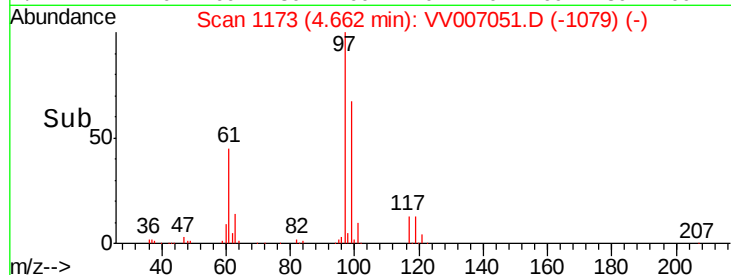
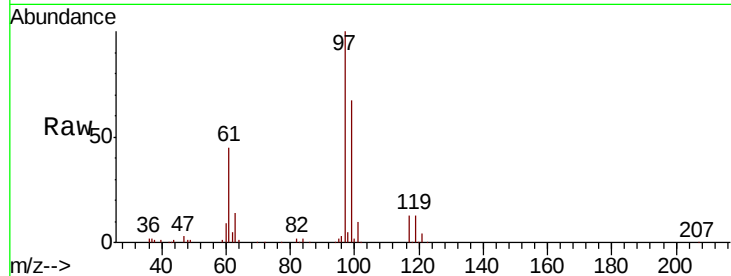




#29
 1,1,1-Trichloroethane
 Concen: 7.183 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007051.D
 Acq: 17 Aug 2018 13:42

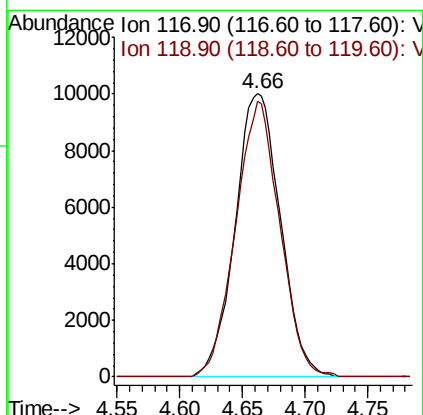
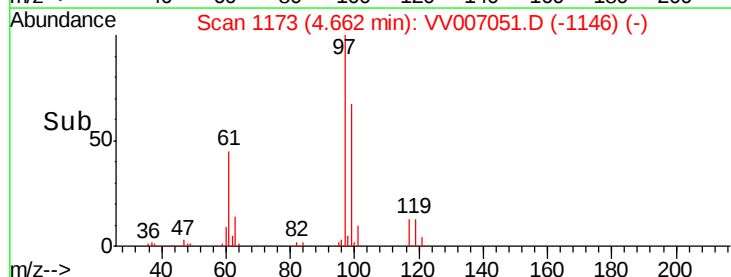
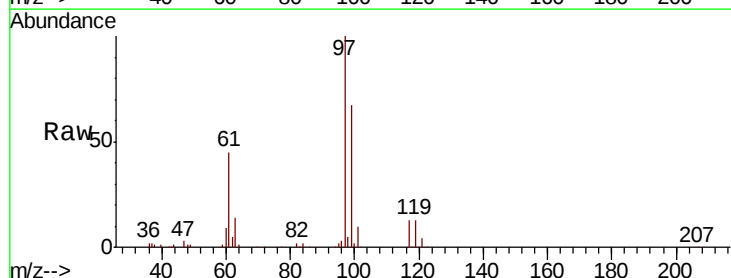
Instrument :
 MSVOA_V
 ClientSampleId :

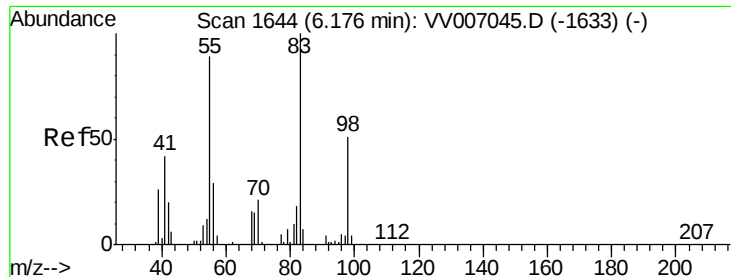
Tot Ion: 97 Resp: 186924
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.0 76.6
 61 45.5 36.6 54.8



#31
 Carbon tetrachloride
 Concen: 1.148 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.21 min
 Lab File: VV007051.D
 Acq: 17 Aug 2018 13:42

Tgt Ion: 117 Resp: 25061
 Ion Ratio Lower Upper
 117 100
 119 95.1 76.2 114.4

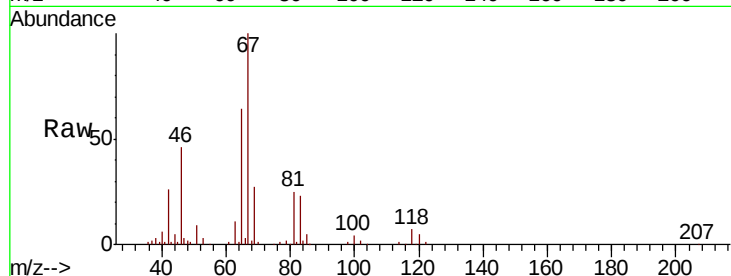




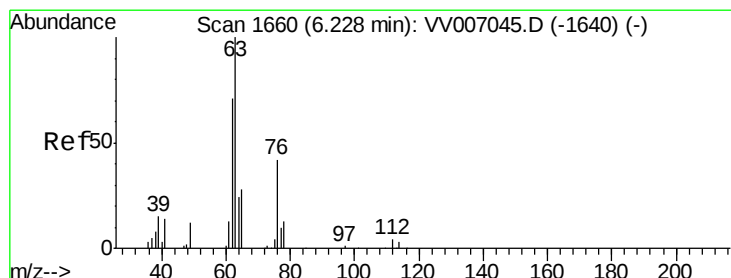
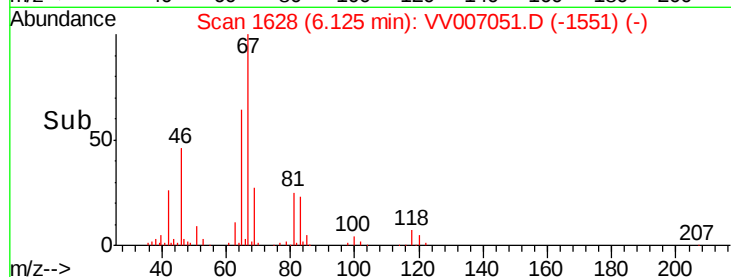
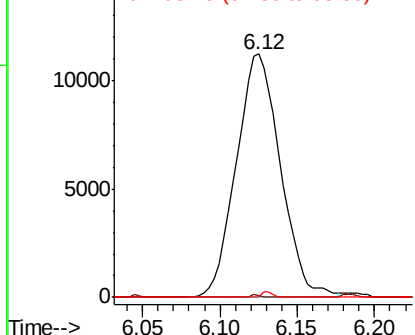
#35
Methvlcvclohexane
Concen: 0.858 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007051.D
Acq: 17 Aug 2018 13:42

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 22321
Ion Ratio Lower Upper
83 100
55 0.2 68.1 102.1#
98 0.6 37.9 56.9#

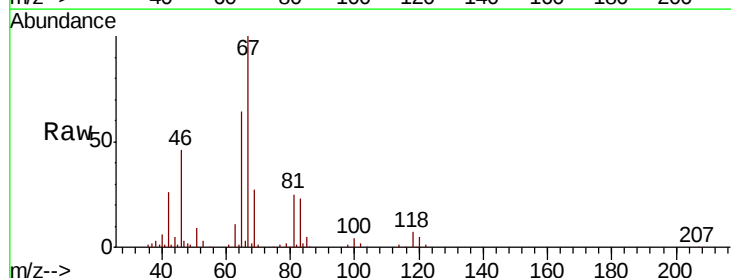


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

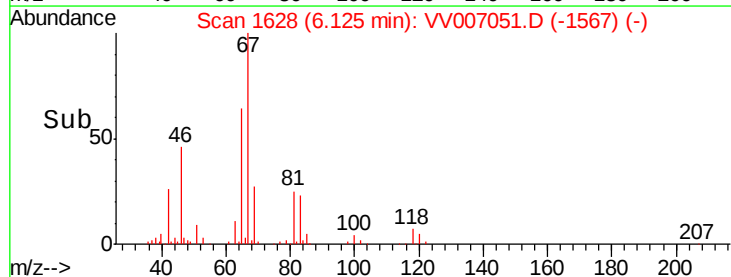
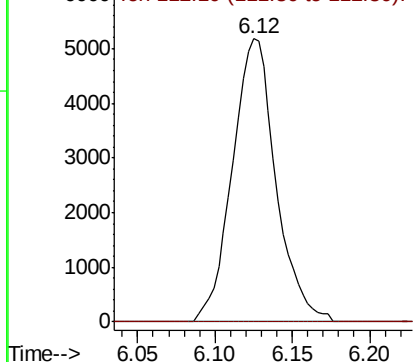


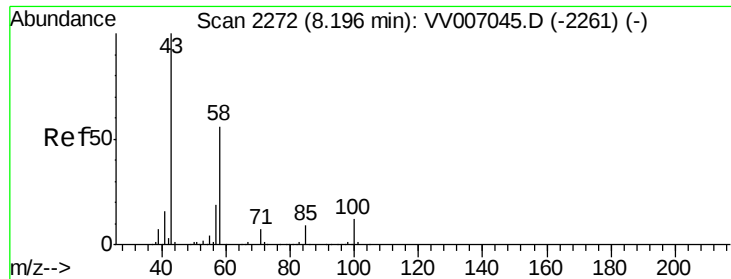
#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007051.D
Acq: 17 Aug 2018 13:42

Tgt Ion: 63 Resp: 10139
Ion Ratio Lower Upper
63 100
112 0.5 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: 3.931 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007051.D

Acq: 17 Aug 2018 13:42

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 27715

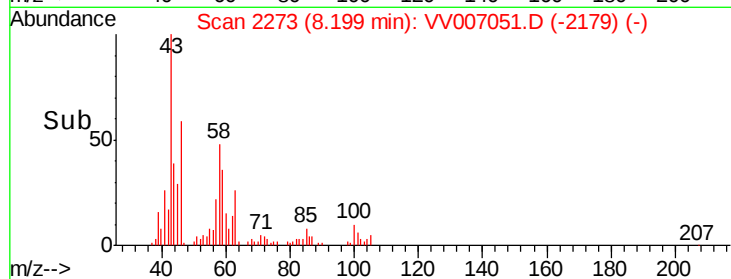
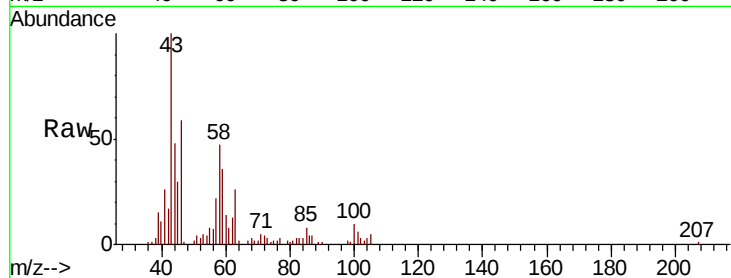
Ion Ratio Lower Upper

43 100

58 40.8 44.2 66.2#

57 21.2 14.8 22.2

100 9.7 8.8 13.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

