

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007056.D
 Acq On : 17 Aug 2018 15:56
 Operator : SY/MD
 Sample : J4488-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:38:54 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	211478	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	206337	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77878	5.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.00%
7) Chloroethane-d5	1.58	69	66946	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.60%
11) 1,1-Dichloroethene-d2	2.13	63	149791	5.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.00%
20) 2-Butanone-d5	3.97	46	201623	51.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	4.41	84	157060	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.09	65	80161	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.10	84	314638	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.80%
36) 1,2-Dichloropropane-d6	6.12	67	104066	5.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.80%
41) Toluene-d8	7.37	98	225126	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.67	79	30313	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.15	63	81739	31.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73722	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	80390	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

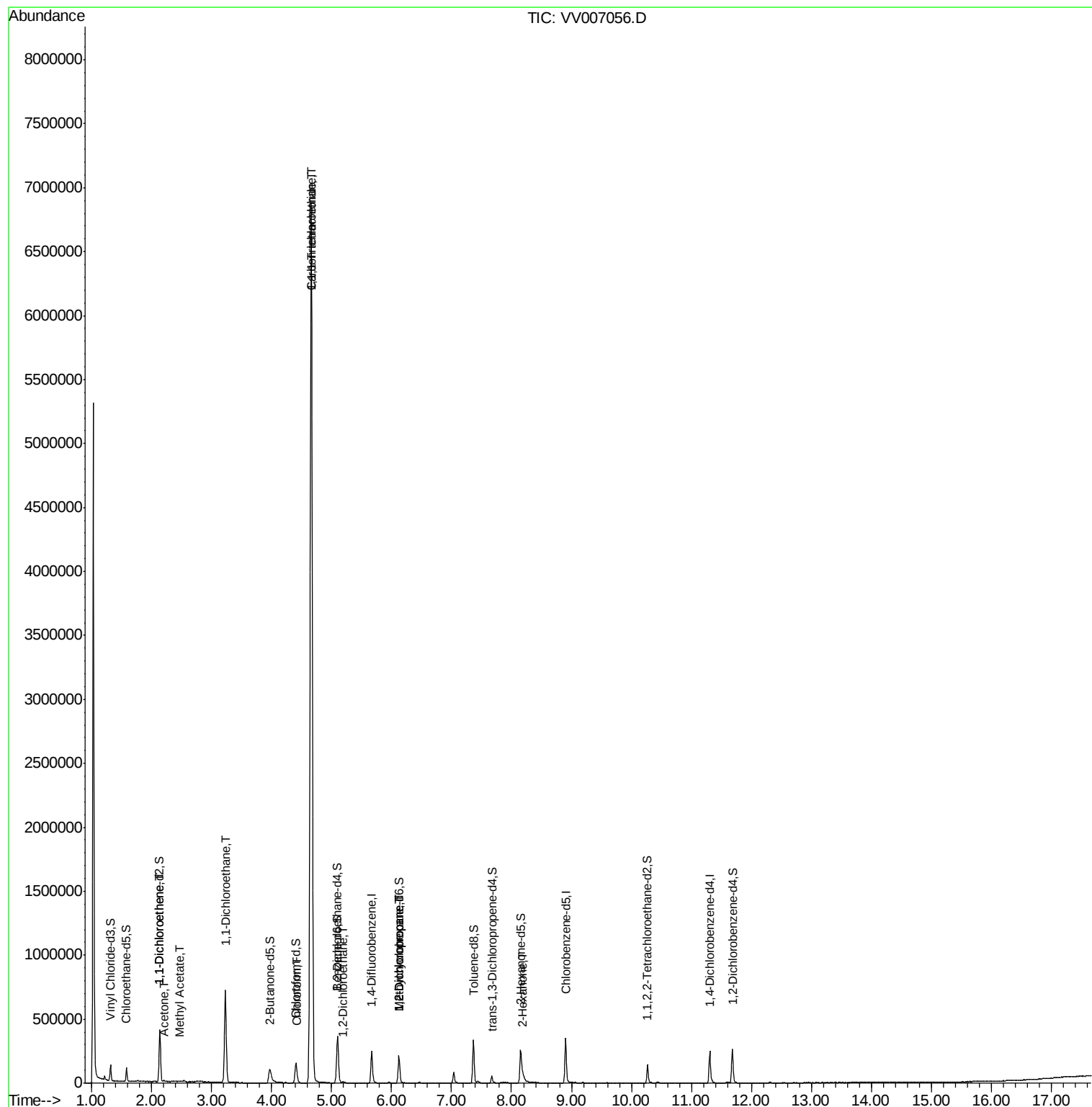
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	86655	5.706	ug/L	92
13) Acetone	2.21	43	7561	3.740	ug/L	91
15) Methyl Acetate	2.47	43	1787	0.314	ug/L #	74
19) 1,1-Dichloroethane	3.23	63	738947	25.171	ug/L	99
25) Chloroform	4.43	83	7255	0.226	ug/L	95
27) 1,2-Dichloroethane	5.19	62	6674	0.333	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	5505856	200.119	ug/L	98
31) Carbon tetrachloride	4.66	117	741355	32.131	ug/L	99
35) Methylcyclohexane	6.12	83	23787	0.864	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10723	0.548	ug/L #	87
48) 2-Hexanone	8.20	43	19186	2.574	ug/L #	72

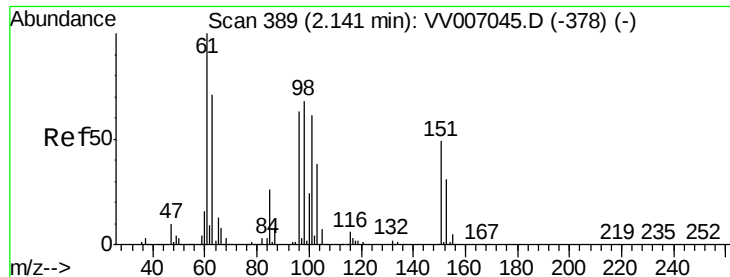
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.706 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007056.D

Acq: 17 Aug 2018 15:56

Instrument :
MSVOA_V
ClientSampled :

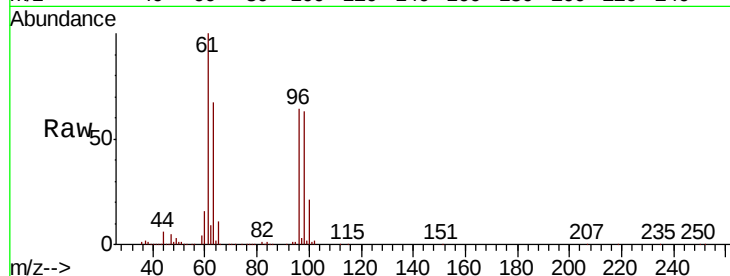
Tot Ion: 96 Resp: 86655

Ion Ratio Lower Upper

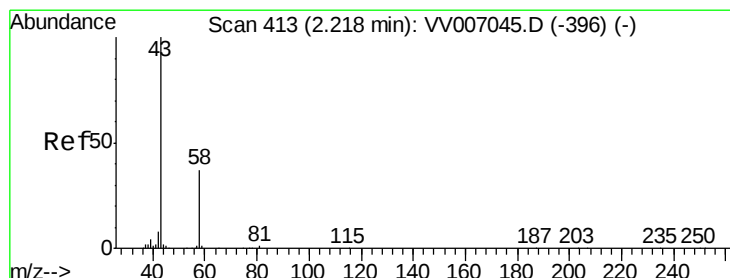
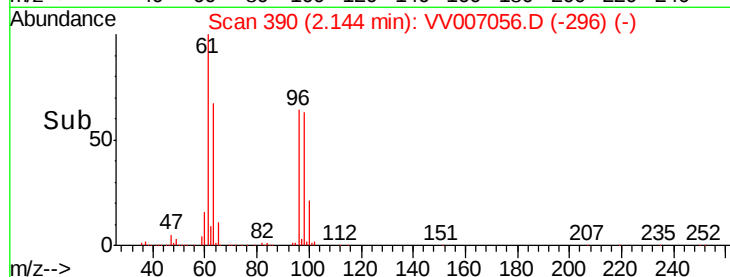
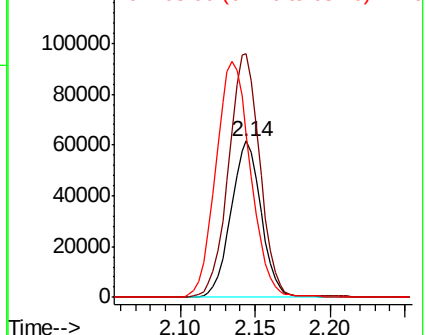
96 100

61 155.9 111.6 207.4

63 104.2 84.9 157.7



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 3.740 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.01 min

Lab File: VV007056.D

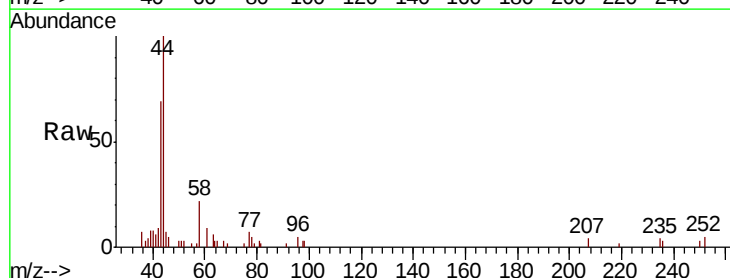
Acq: 17 Aug 2018 15:56

Tgt Ion: 43 Resp: 7561

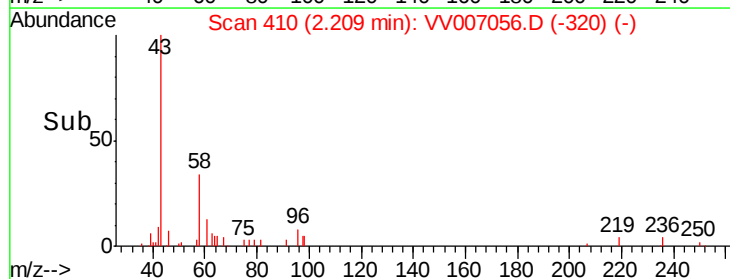
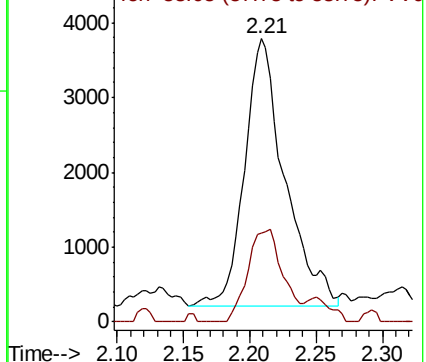
Ion Ratio Lower Upper

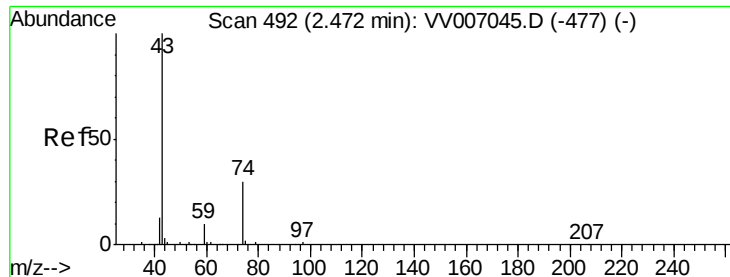
43 100

58 30.6 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0





#15

Methyl Acetate

Concen: 0.314 ug/L

RT: 2.47 min Scan# 492

Delta R.T. -0.00 min

Lab File: VV007056.D

Acq: 17 Aug 2018 15:56

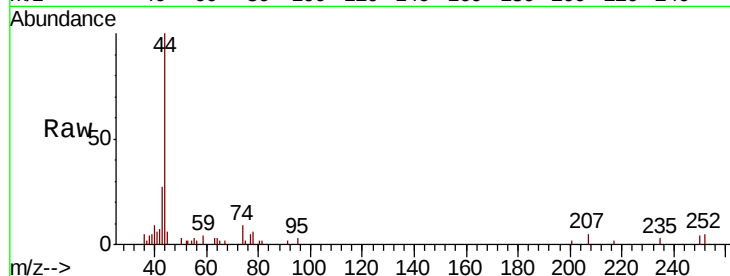
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1787

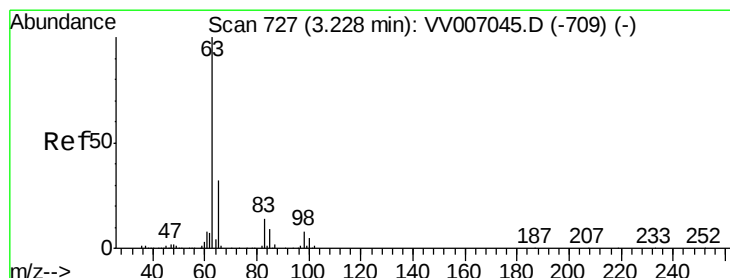
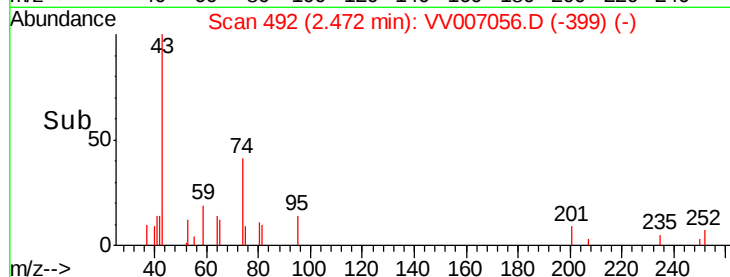
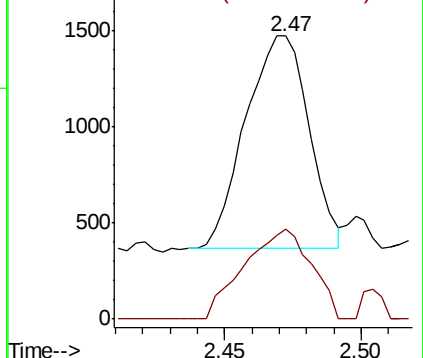
Ion Ratio Lower Upper

43 100

74 44.9 24.6 37.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 74.05 (73.75 to 74.75): VV0



#19

1,1-Dichloroethane

Concen: 25.171 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007056.D

Acq: 17 Aug 2018 15:56

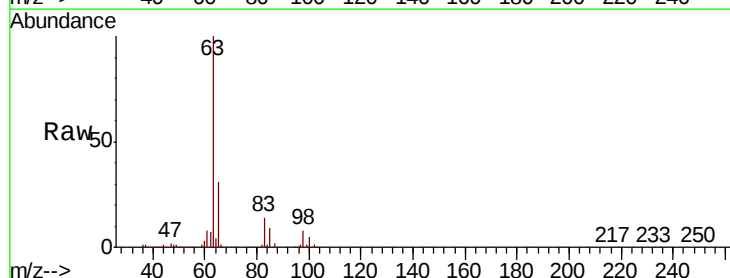
Tgt Ion: 63 Resp: 738947

Ion Ratio Lower Upper

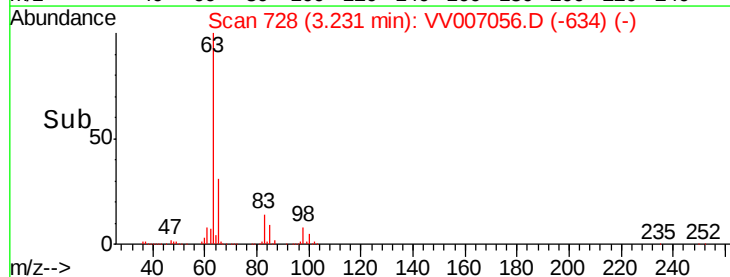
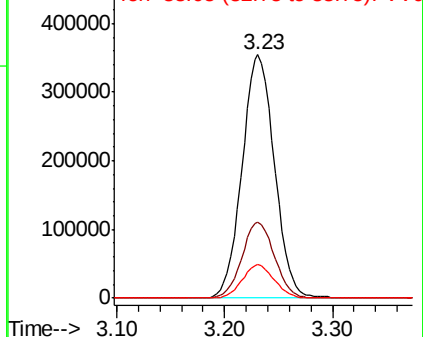
63 100

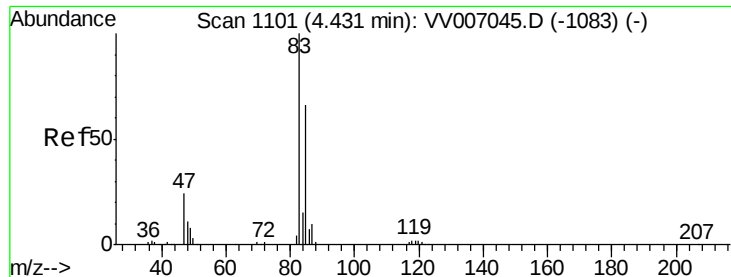
65 31.4 21.7 40.3

83 13.8 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0

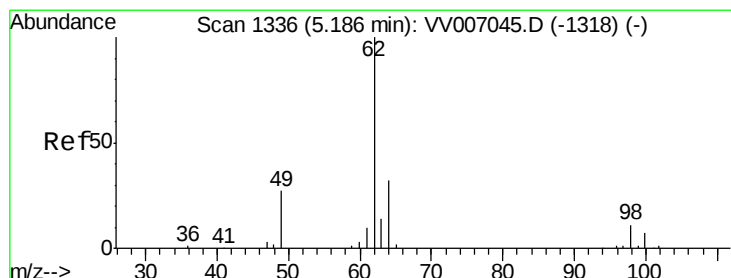
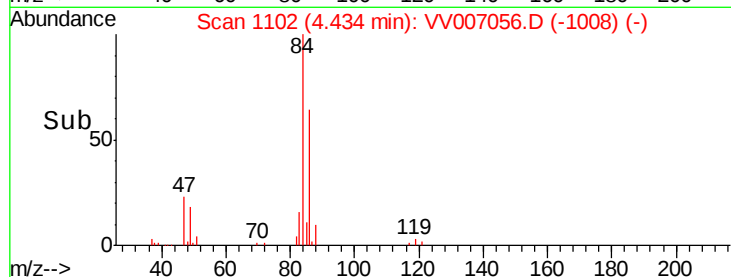
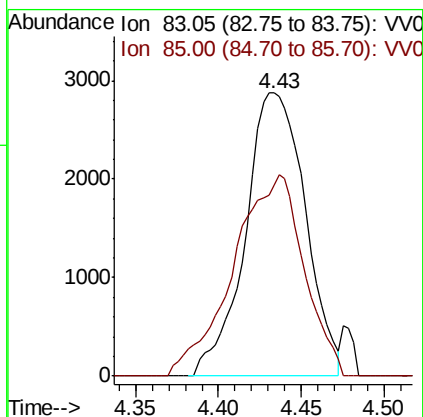
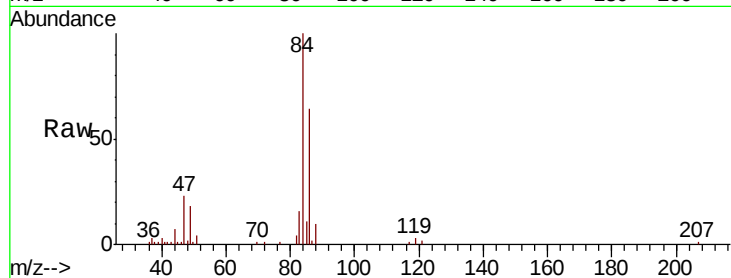




#25
Chloroform
Concen: 0.226 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007056.D
Acq: 17 Aug 2018 15:56

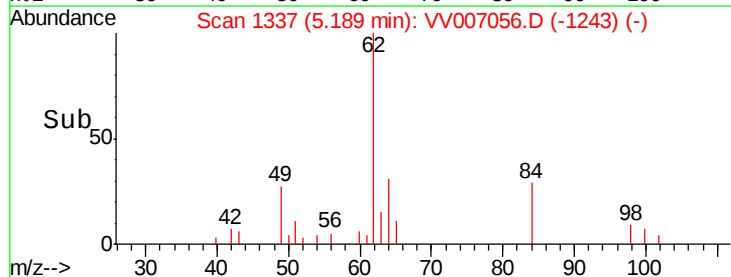
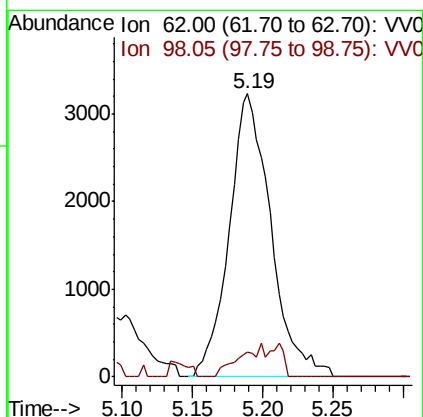
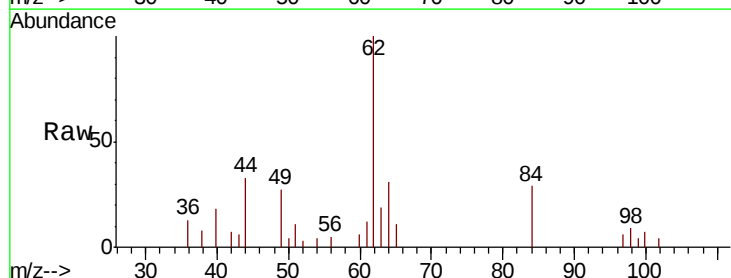
Instrument :
MSVOA_V
ClientSampleId :

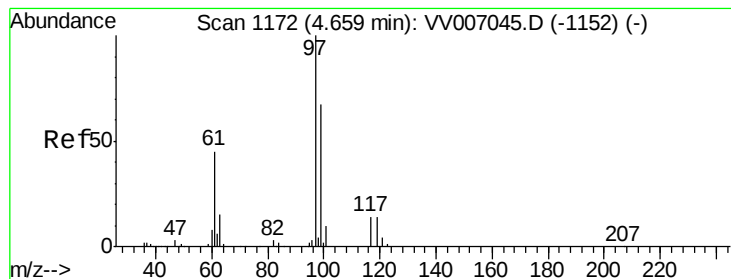
Tot Ion: 83 Resp: 7255
Ion Ratio Lower Upper
83 100
85 67.7 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.333 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV007056.D
Acq: 17 Aug 2018 15:56

Tgt Ion: 62 Resp: 6674
Ion Ratio Lower Upper
62 100
98 8.5 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 200.119 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007056.D

Acq: 17 Aug 2018 15:56

Instrument :

MSVOA_V

ClientSampleId :

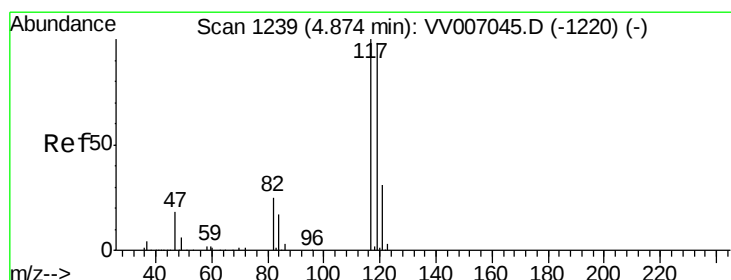
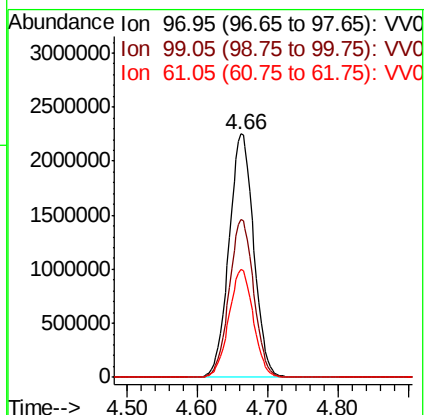
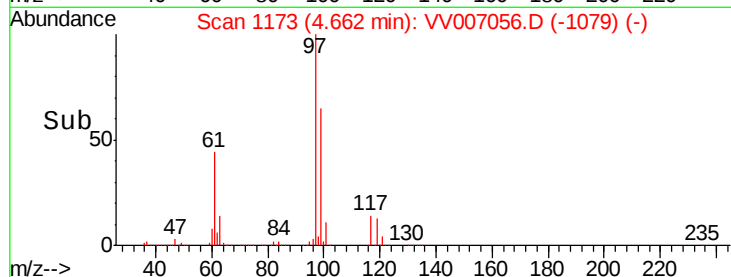
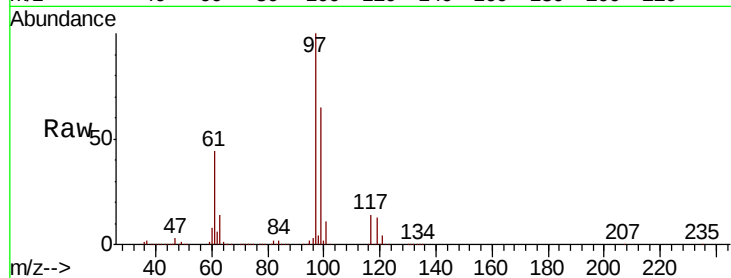
Tot Ion: 97 Resp: 5505856

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.6

61 44.2 36.6 54.8



#31

Carbon tetrachloride

Concen: 32.131 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.21 min

Lab File: VV007056.D

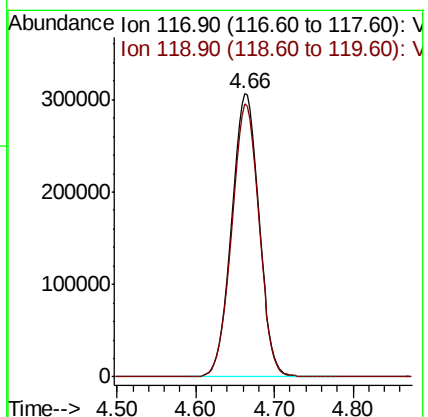
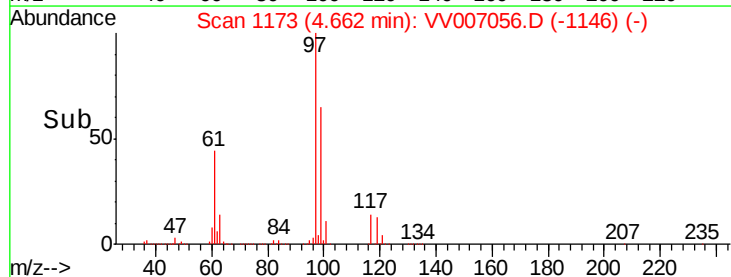
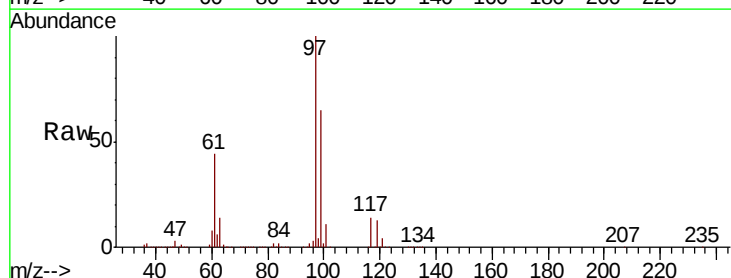
Acq: 17 Aug 2018 15:56

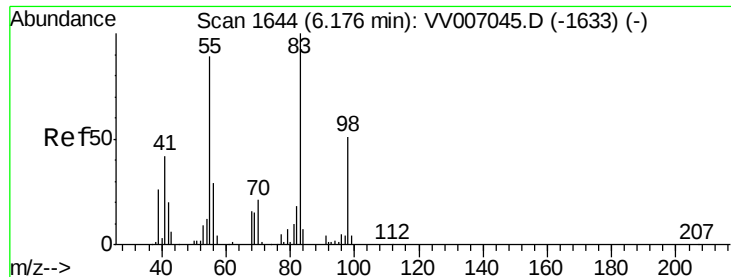
Tgt Ion: 117 Resp: 741355

Ion Ratio Lower Upper

117 100

119 95.9 76.2 114.4

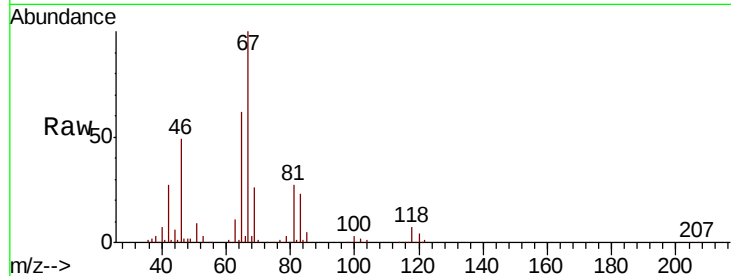




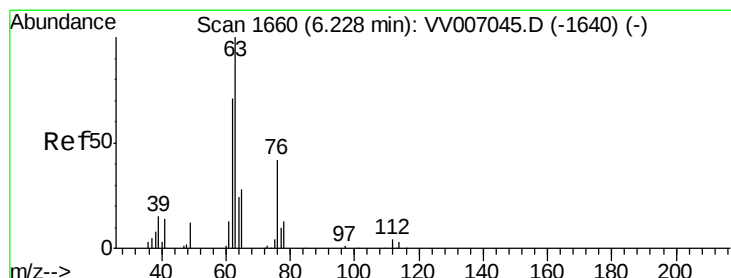
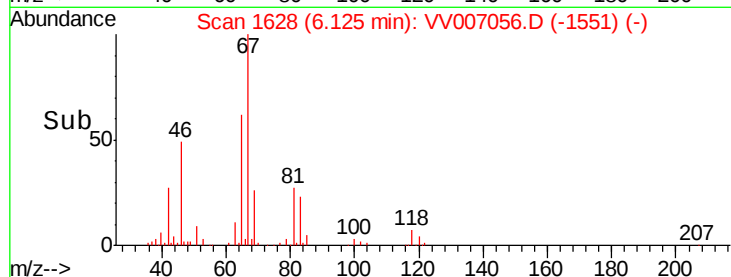
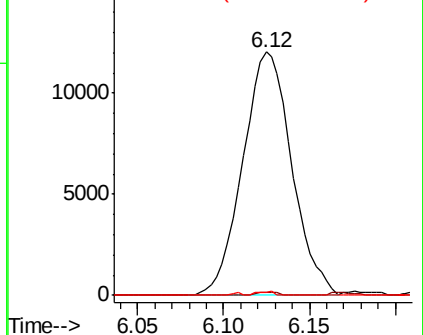
#35
Methvlcvclohexane
Concen: 0.864 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007056.D
Acq: 17 Aug 2018 15:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 23787
Ion Ratio Lower Upper
83 100
55 0.6 68.1 102.1#
98 0.5 37.9 56.9#

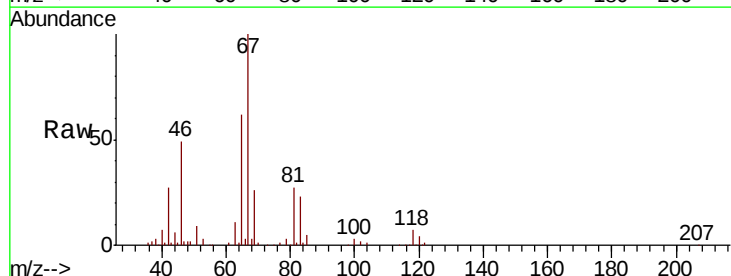


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

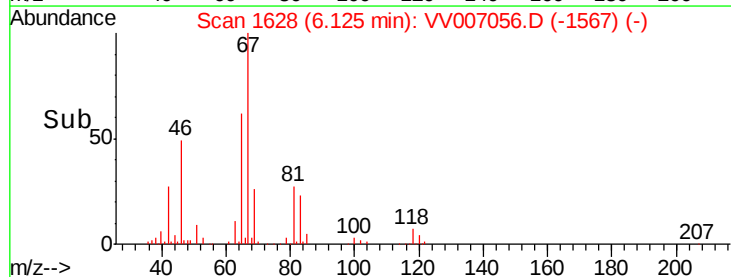
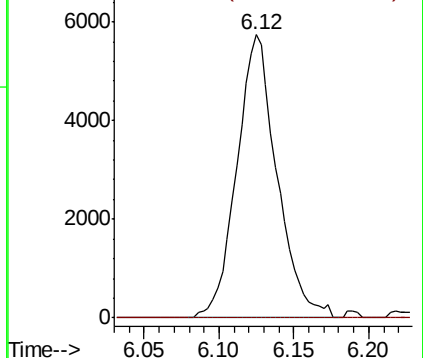


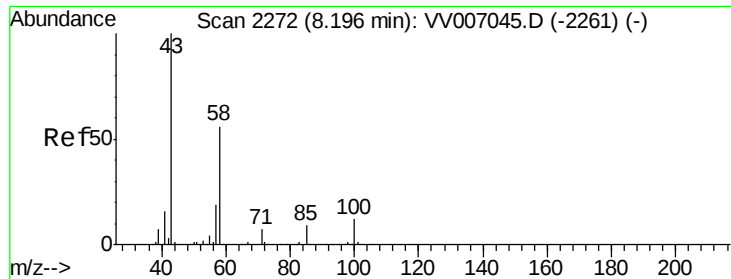
#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007056.D
Acq: 17 Aug 2018 15:56

Tgt Ion: 63 Resp: 10723
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: 2.574 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VV007056.D
 Acq: 17 Aug 2018 15:56

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 19186
 Ion Ratio Lower Upper
 43 100
 58 35.4 44.2 66.2#
 57 0.0 14.8 22.2#
 100 8.1 8.8 13.2#

