

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082118\
 Data File : VV007109.D
 Acq On : 21 Aug 2018 18:50
 Operator : SY/MD
 Sample : J4515-09RE
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0333

Quant Time: Aug 22 03:49:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 03:46:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	273421	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	266917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102134	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97854	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.58	69	82246	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	164575	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	3.97	46	237854	53.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	4.41	84	192770	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.09	65	96851	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.10	84	379918	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	124601	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.37	98	290850	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.67	79	39479	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.15	63	99914	39.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86022	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	101199	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

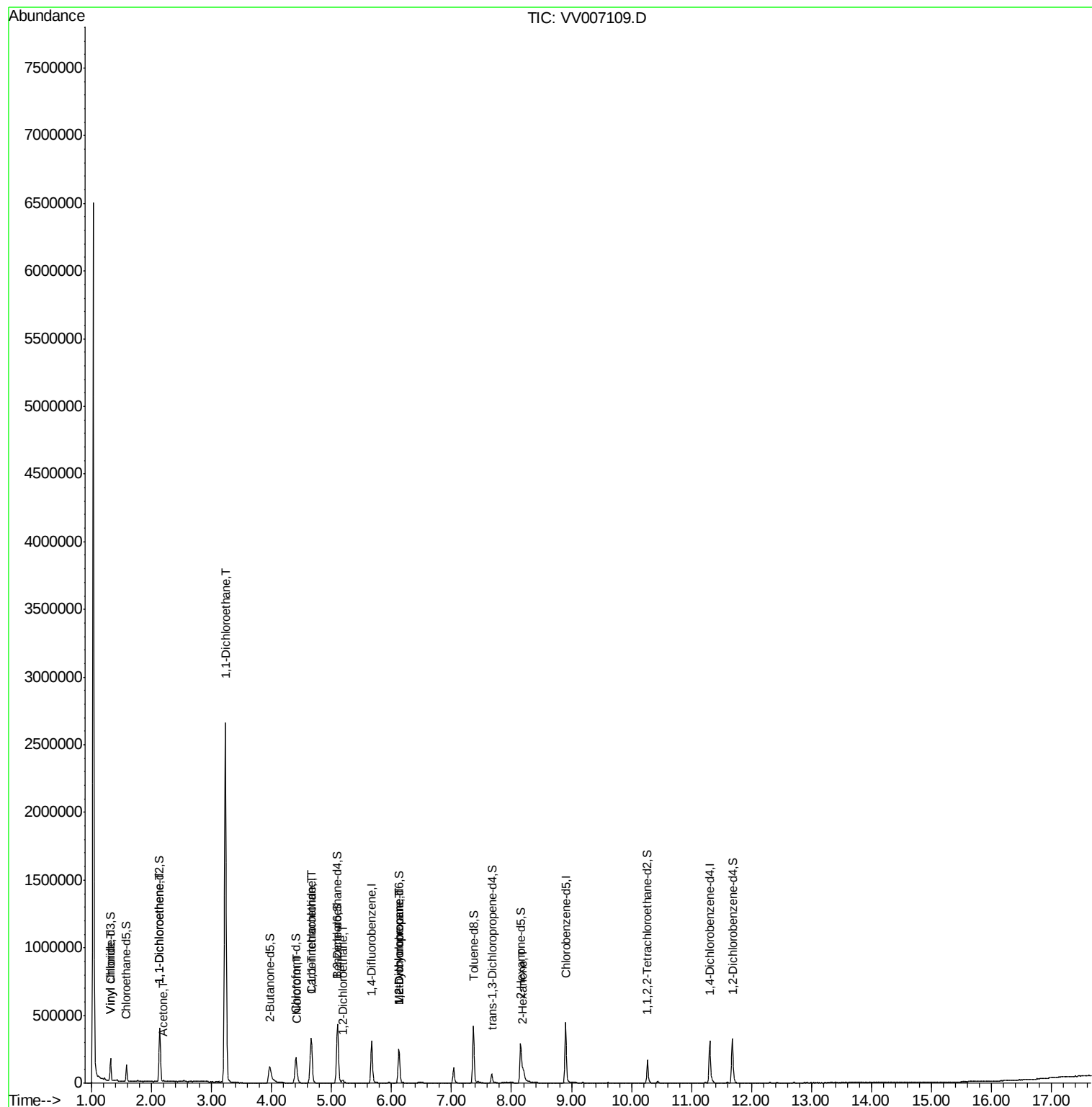
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	8624	0.361	ug/L #	73
12) 1,1-Dichloroethene	2.14	96	68754	3.650	ug/L	96
13) Acetone	2.21	43	4887	1.914	ug/L	99
19) 1,1-Dichloroethane	3.23	63	2744320	71.211	ug/L	99
25) Chloroform	4.43	83	13162	0.320	ug/L	99
27) 1,2-Dichloroethane	5.19	62	15225	0.652	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	269075	7.764	ug/L	98
31) Carbon tetrachloride	4.66	117	36378	1.253	ug/L	98
35) Methylcyclohexane	6.12	83	29993	0.946	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	12658	0.532	ug/L #	87
48) 2-Hexanone	8.20	43	43297	4.973	ug/L	89

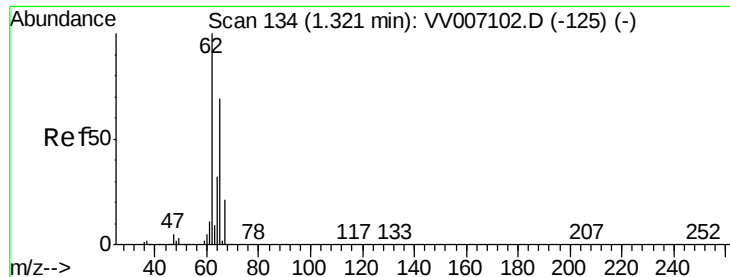
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.361 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV007109.D

Acq: 21 Aug 2018 18:50

Instrument :

MSVOA_V

ClientSampleId :

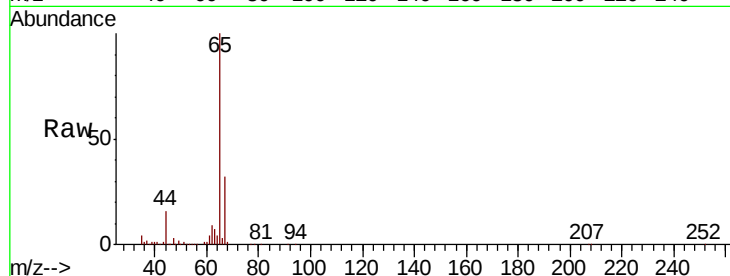
C0333

Tgt Ion: 62 Resp: 8624

Ion Ratio Lower Upper

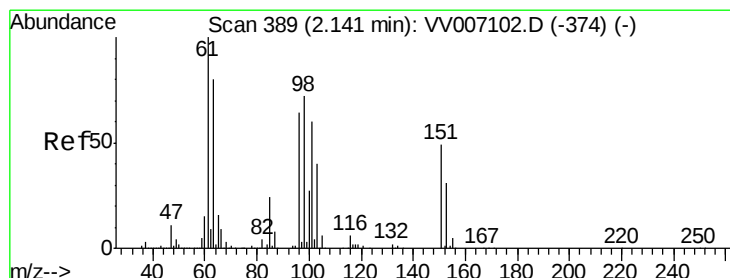
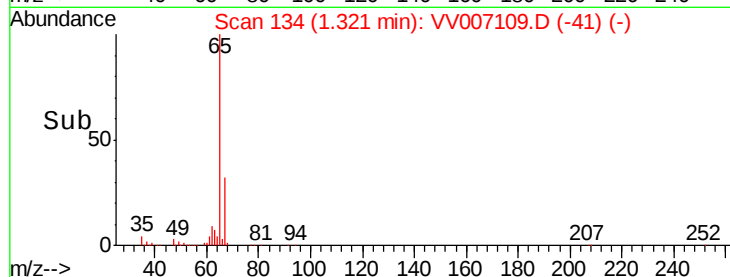
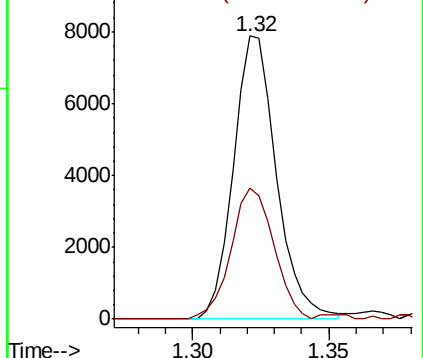
62 100

64 46.5 22.0 41.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 3.650 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007109.D

Acq: 21 Aug 2018 18:50

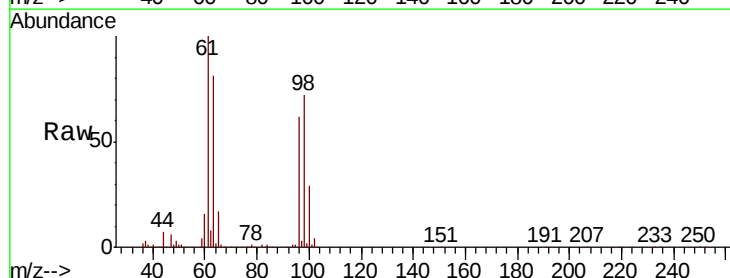
Tgt Ion: 96 Resp: 68754

Ion Ratio Lower Upper

96 100

61 161.1 108.7 201.9

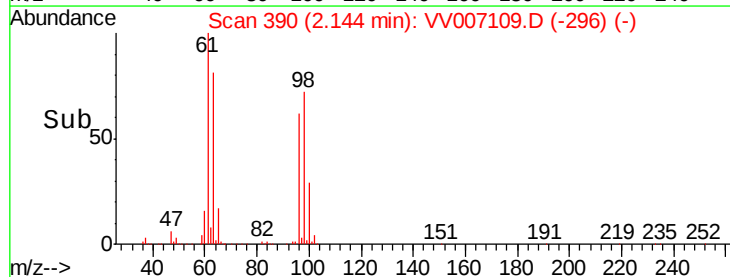
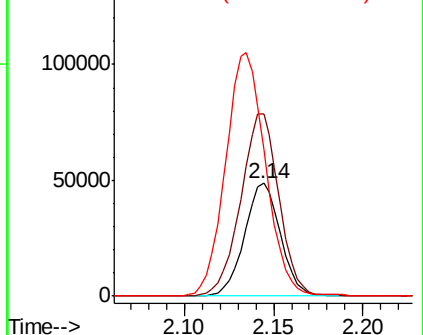
63 129.9 87.4 162.4

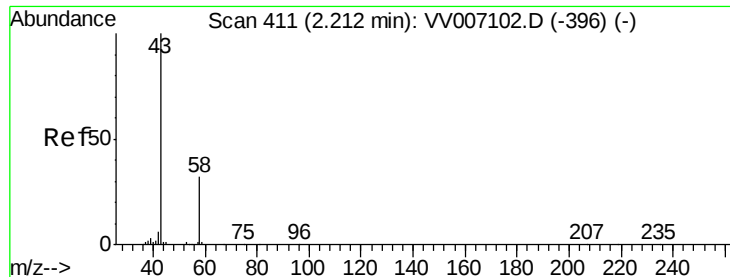


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.914 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007109.D

Acq: 21 Aug 2018 18:50

Instrument :

MSVOA_V

ClientSampled :

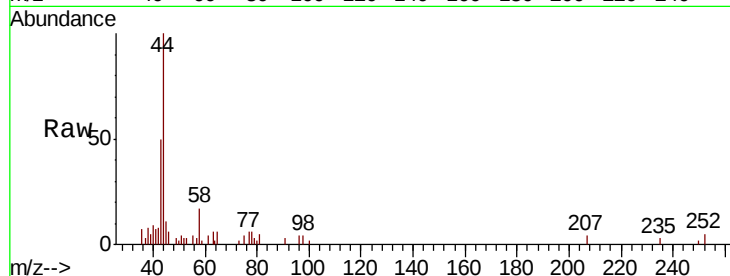
C0333

Tgt Ion: 43 Resp: 4887

Ion Ratio Lower Upper

43 100

58 41.9 0.0 82.2



Abundance Ion 43.05 (42.75 to 43.75): VV007102.D (-396) (-)

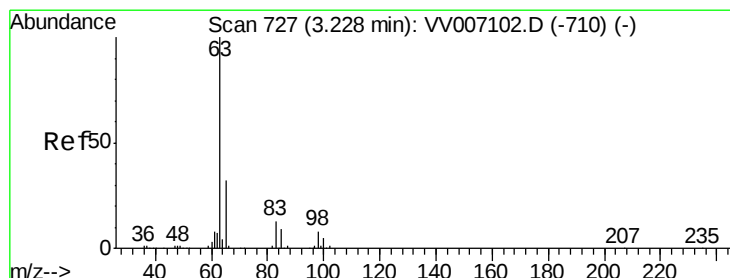
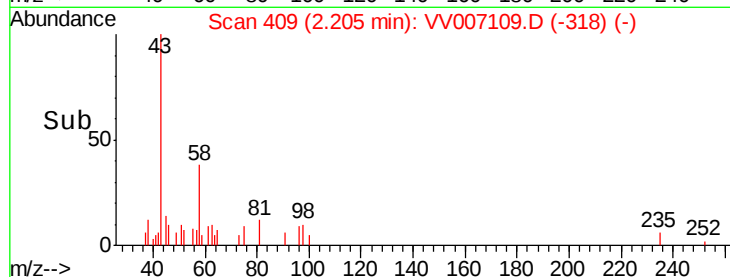
Ion 58.05 (57.75 to 58.75): VV007102.D (-396) (-)

2.21

2.20

2.25

Time-->



#19

1,1-Dichloroethane

Concen: 71.211 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007109.D

Acq: 21 Aug 2018 18:50

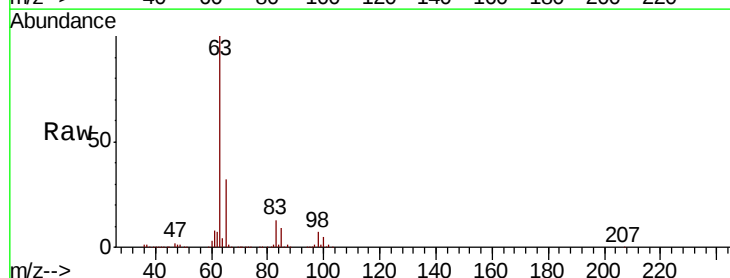
Tgt Ion: 63 Resp: 2744320

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.9

83 13.2 8.8 16.3



Abundance Ion 63.10 (62.80 to 63.80): VV007102.D (-710) (-)

Ion 65.10 (64.80 to 65.80): VV007102.D (-710) (-)

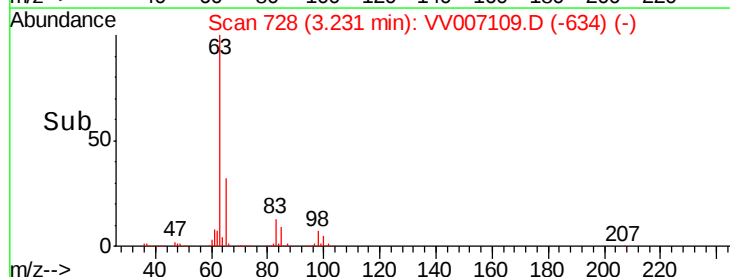
Ion 83.05 (82.75 to 83.75): VV007102.D (-710) (-)

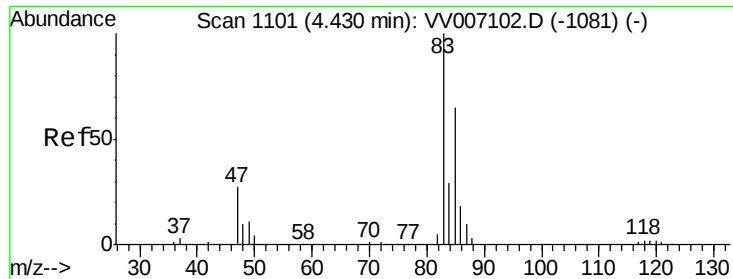
3.23

3.20

3.40

Time-->

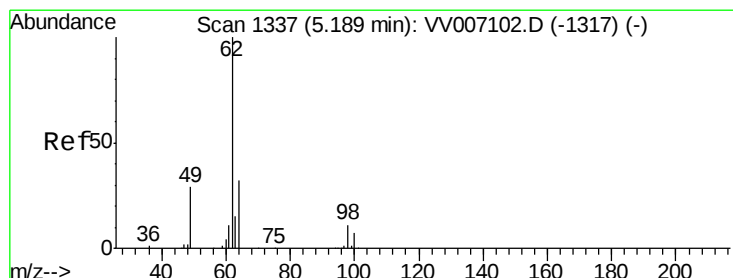
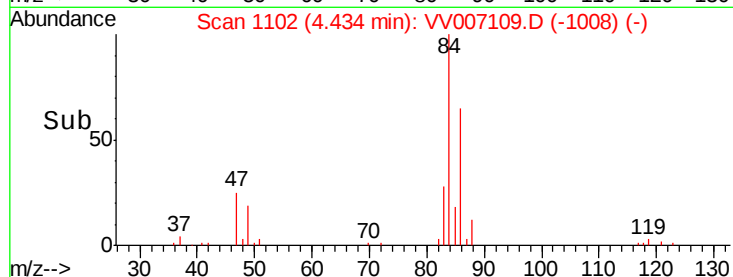
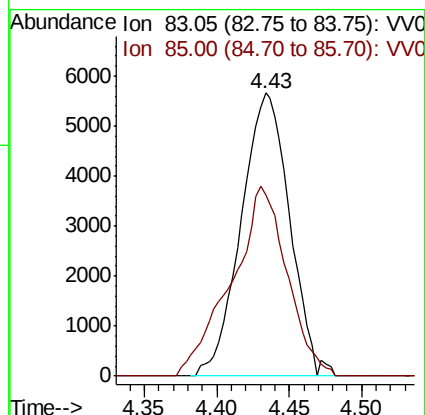
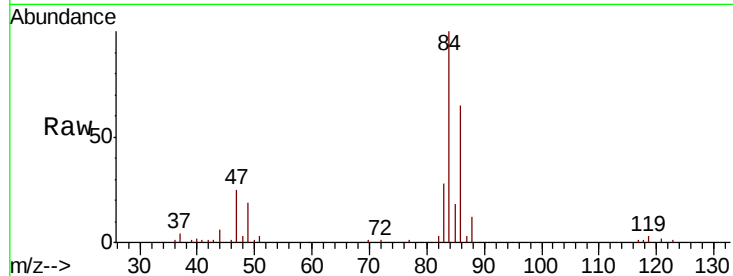




#25
Chloroform
Concen: 0.320 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007109.D
Acq: 21 Aug 2018 18:50

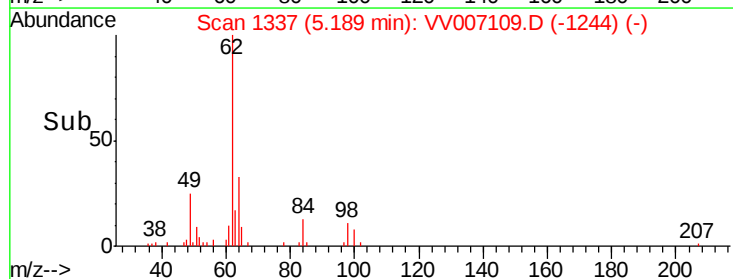
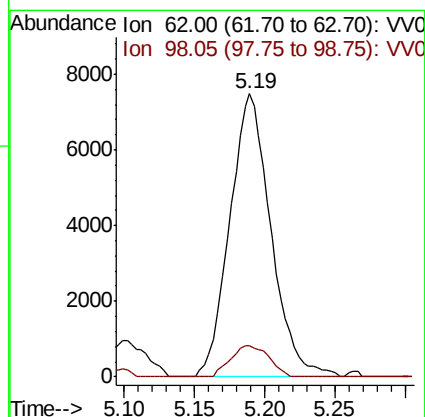
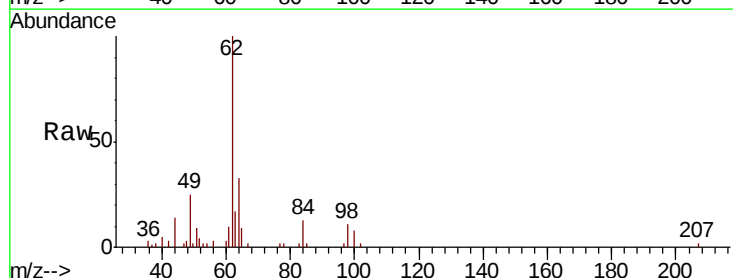
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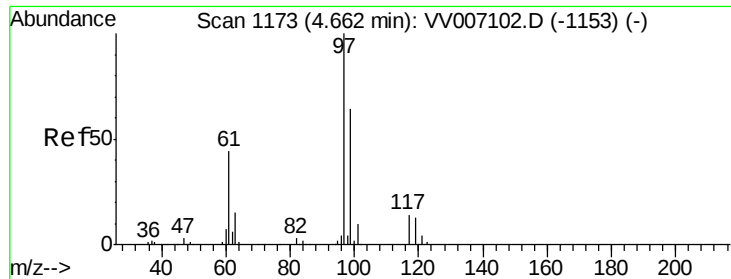
Tgt Ion: 83 Resp: 13162
Ion Ratio Lower Upper
83 100
85 64.0 45.5 84.5



#27
1,2-Dichloroethane
Concen: 0.652 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VV007109.D
Acq: 21 Aug 2018 18:50

Tgt Ion: 62 Resp: 15225
Ion Ratio Lower Upper
62 100
98 10.9 8.4 12.6

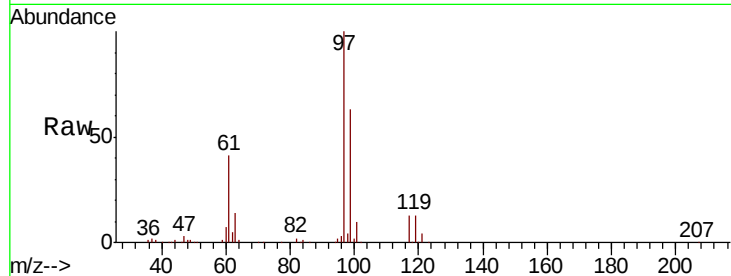




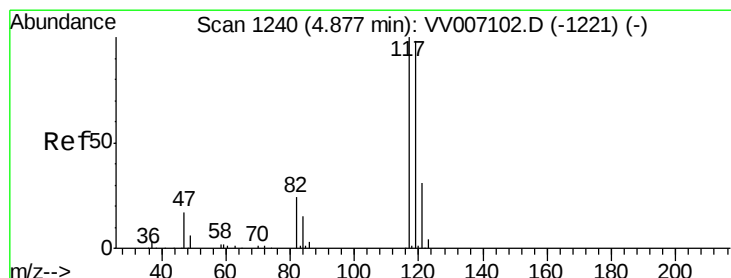
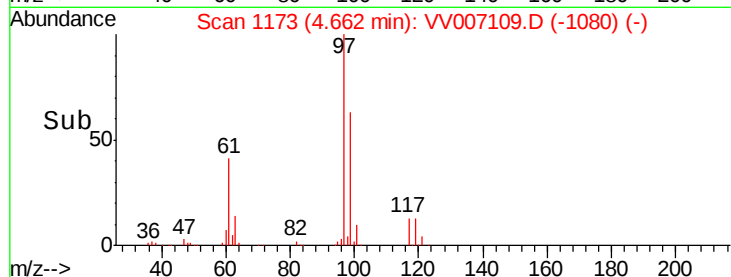
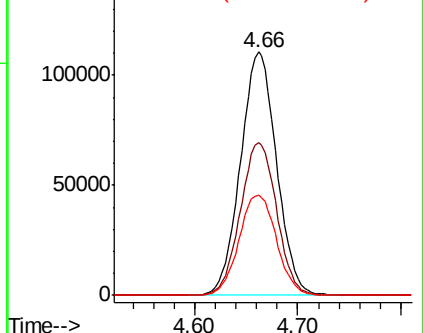
#29
 1,1,1-Trichloroethane
 Concen: 7.764 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007109.D
 Acq: 21 Aug 2018 18:50

Instrument :
 MSVOA_V
 ClientSampled :
 C0333

Tgt Ion: 97 Resp: 269075
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.3 76.9
 61 42.8 35.3 52.9

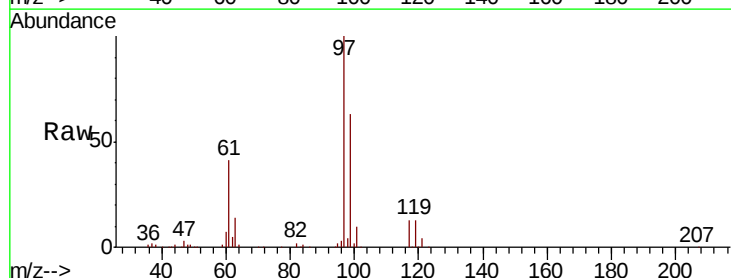


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

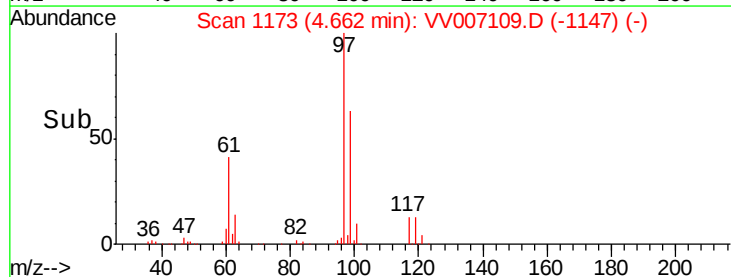
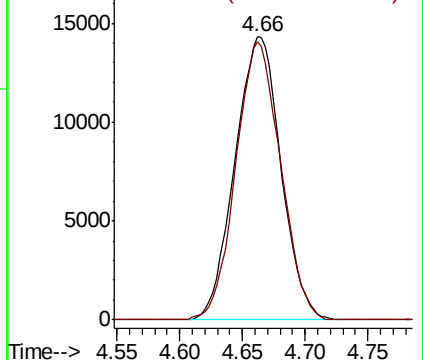


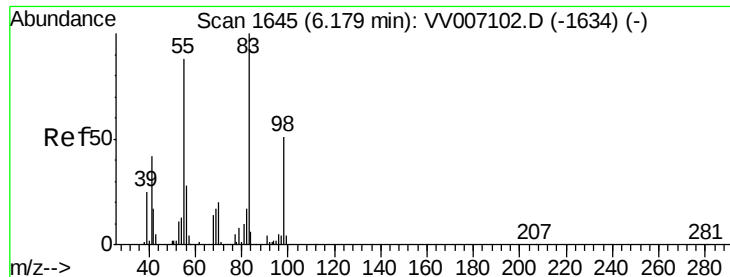
#31
 Carbon tetrachloride
 Concen: 1.253 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.22 min
 Lab File: VV007109.D
 Acq: 21 Aug 2018 18:50

Tgt Ion: 117 Resp: 36378
 Ion Ratio Lower Upper
 117 100
 119 95.8 75.0 112.4



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





#35

Methylcyclohexane

Concen: 0.946 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007109.D

Acq: 21 Aug 2018 18:50

Instrument :

MSVOA_V

ClientSampleId :

C0333

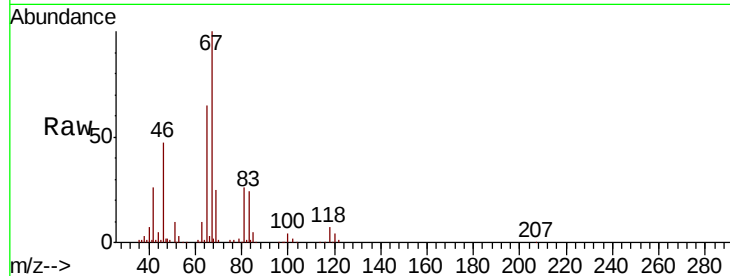
Tgt Ion: 83 Resp: 29993

Ion Ratio Lower Upper

83 100

55 0.1 65.5 98.3#

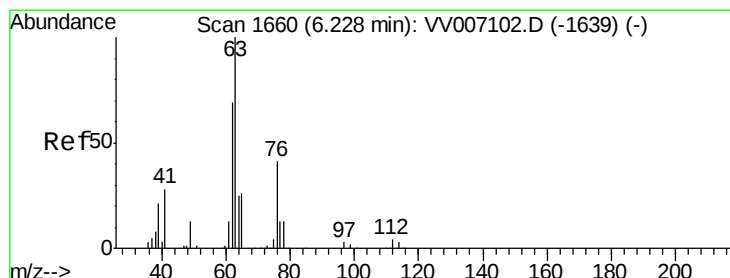
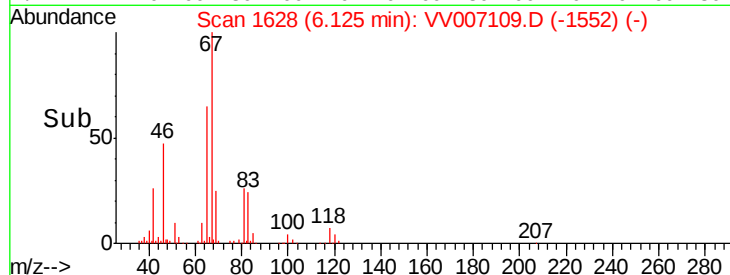
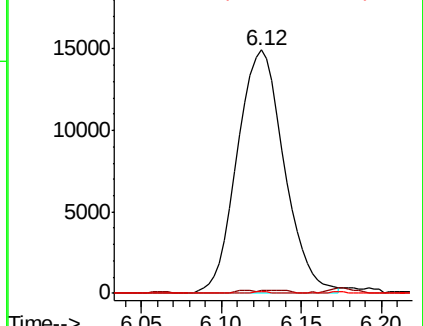
98 0.2 38.5 57.7#



Abundance Ion 83.15 (82.85 to 83.85): VV007109.D (-1628) (-)

Ion 55.10 (54.80 to 55.80): VV007109.D (-1628) (-)

Ion 98.15 (97.85 to 98.85): VV007109.D (-1628) (-)



#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VV007109.D

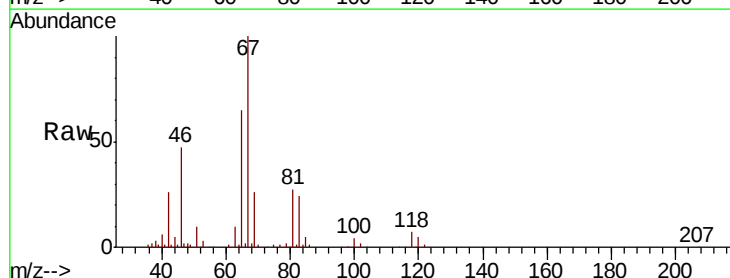
Acq: 21 Aug 2018 18:50

Tgt Ion: 63 Resp: 12658

Ion Ratio Lower Upper

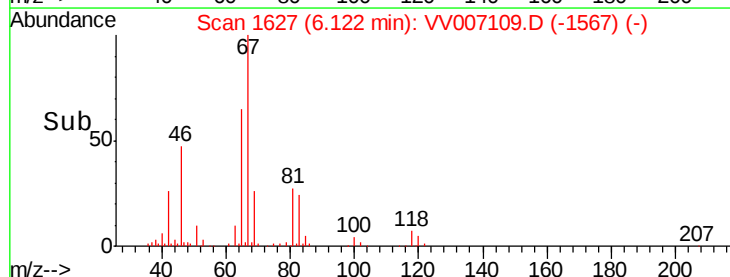
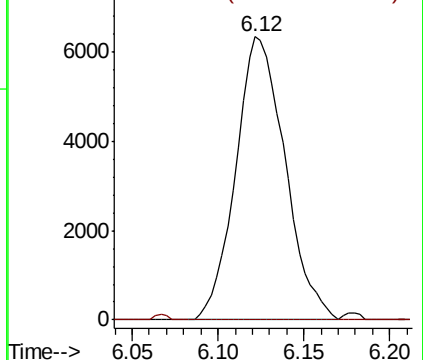
63 100

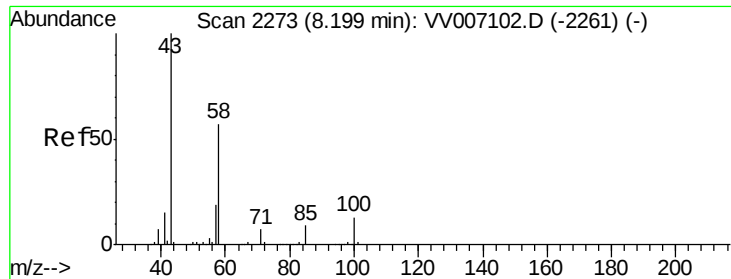
112 0.5 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV007109.D (-1627) (-)

Ion 112.10 (111.80 to 112.80): VV007109.D (-1627) (-)





#48
 2-Hexanone
 Concen: 4.973 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VV007109.D
 Acq: 21 Aug 2018 18:50

Instrument :
 MSVOA_V
 ClientSampleId :
 C0333

Tgt Ion:	43	Resp:	43297
Ion	Ratio	Lower	Upper
43	100		
58	48.0	47.7	71.5
57	19.9	15.4	23.0
100	10.2	9.7	14.5

