

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015607.D
 Acq On : 21 Apr 2020 17:50
 Operator : SY/MD
 Sample : L2366-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:16:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134529	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63622	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34216	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	32986	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.12	63	52448	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.91	46	103160	52.63	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.26%
24) Chloroform-d	4.38	84	74712	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	44054	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.08	84	146512	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.09	67	46001	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.34	98	134327	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.64	79	13893	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	8.11	63	83085	44.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32121	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	51027	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

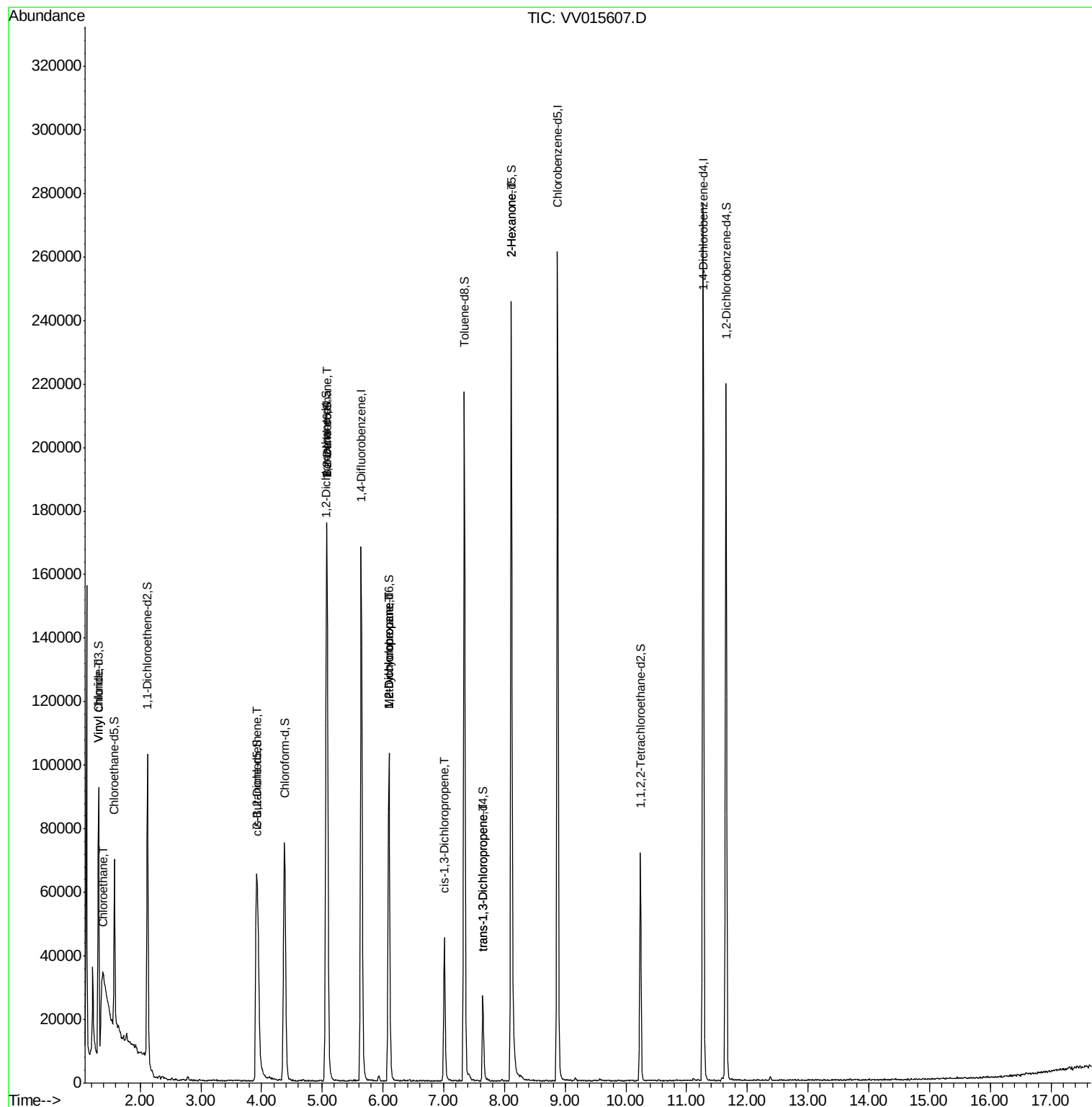
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	11773	0.964	ug/L #	83
8) Chloroethane	1.38	64	34157	4.823	ug/L #	51
22) cis-1,2-Dichloroethene	3.94	96	13744	1.391	ug/L	98
27) 1,2-Dichloroethane	5.08	62	1073	0.090	ug/L #	77
35) Methylcyclohexane	6.10	83	11110	0.636	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5807	0.607	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1352	0.092	ug/L #	80
44) trans-1,3-Dichloropropene	7.65	75	746	0.060	ug/L #	70
48) 2-Hexanone	8.11	43	11545	2.632	ug/L #	74

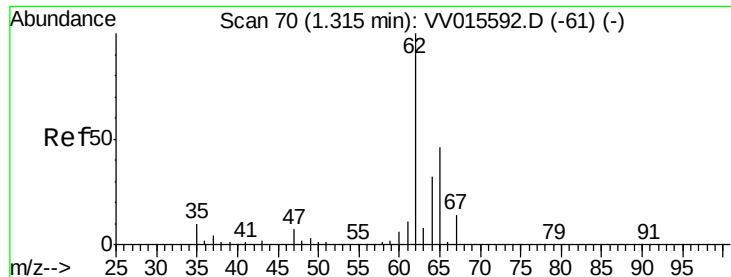
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 22 00:11:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.964 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015607.D

Acq: 21 Apr 2020 17:50

Instrument :

MSVOA_V

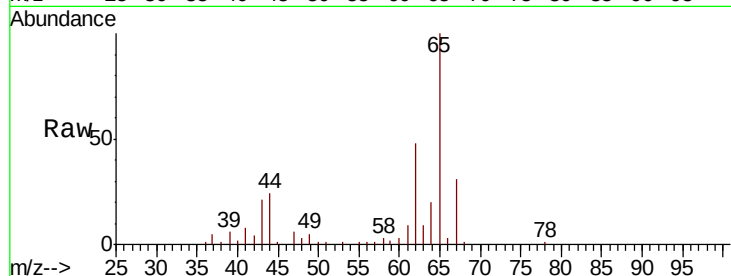
ClientSampled :

Tot Ion: 62 Resp: 11773

Ion Ratio Lower Upper

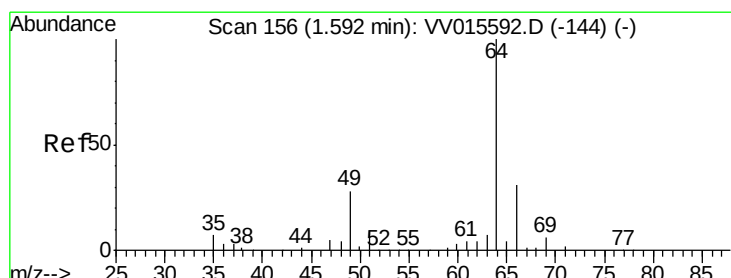
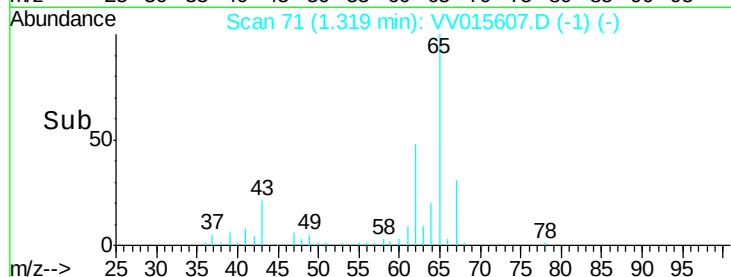
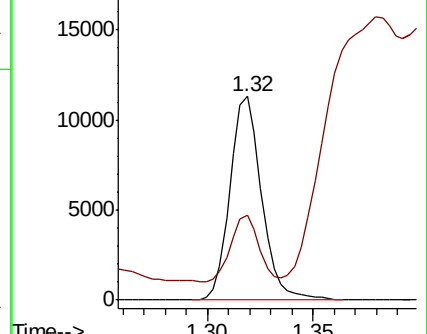
62 100

64 41.7 22.5 41.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 4.823 ug/L

RT: 1.38 min Scan# 90

Delta R.T. -0.21 min

Lab File: VV015607.D

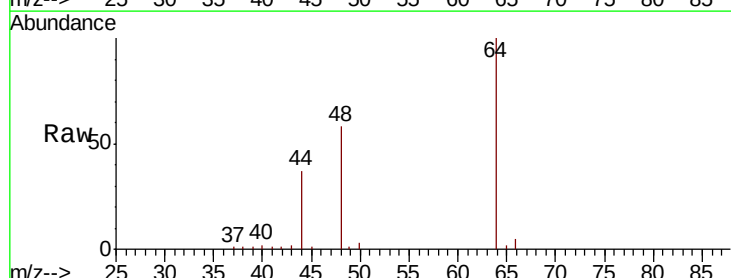
Acq: 21 Apr 2020 17:50

Tgt Ion: 64 Resp: 34157

Ion Ratio Lower Upper

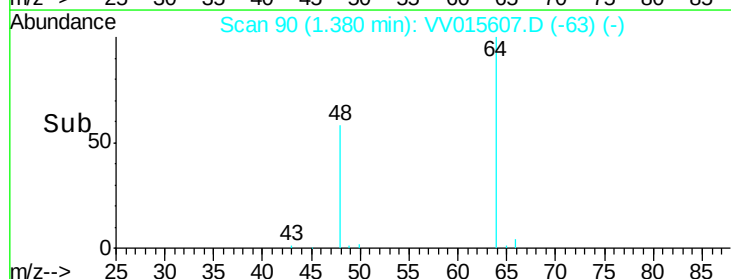
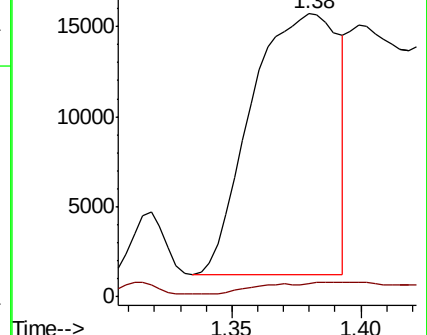
64 100

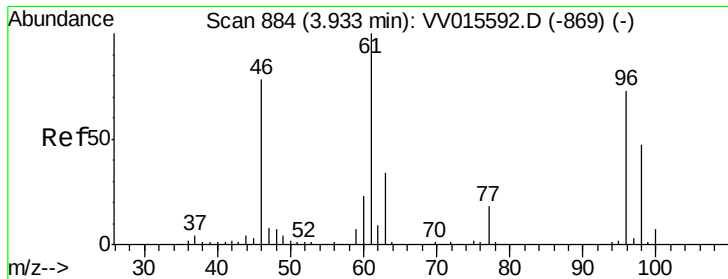
66 4.6 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



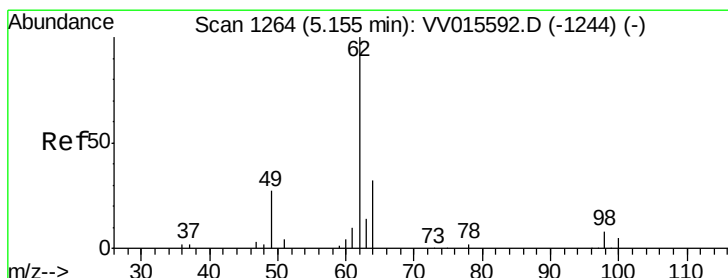
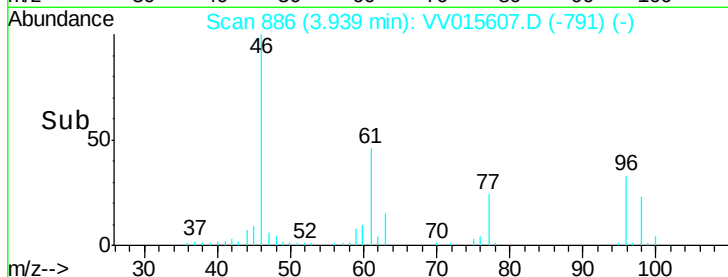
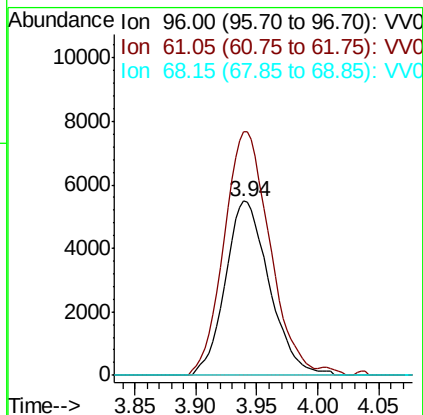
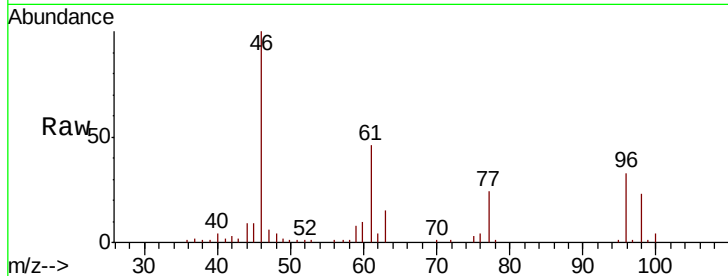


#22

cis-1,2-Dichloroethene
 Concen: 1.391 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV015607.D
 Acq: 21 Apr 2020 17:50

Instrument :
 MSVOA_V
 ClientSampled :

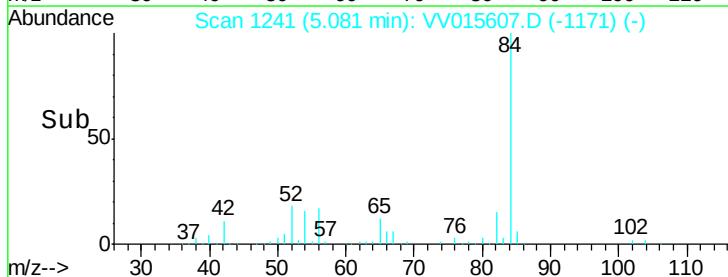
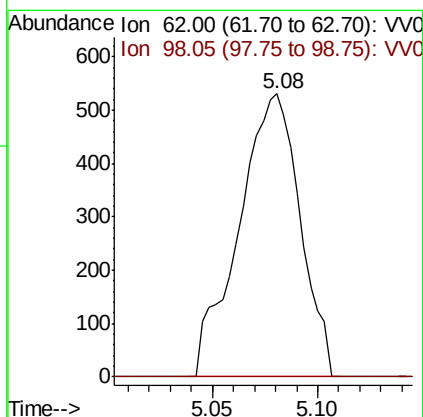
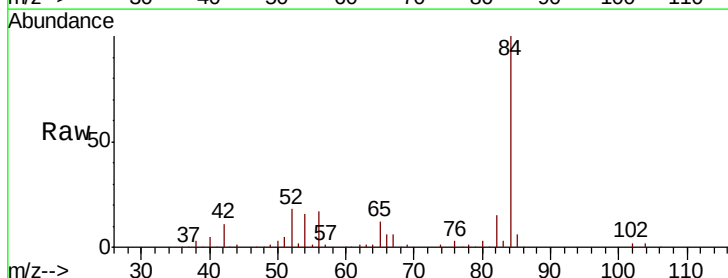
Tot Ion: 96 Resp: 13744
 Ion Ratio Lower Upper
 96 100
 61 139.9 100.0 185.8
 68 0.0 0.0 0.0

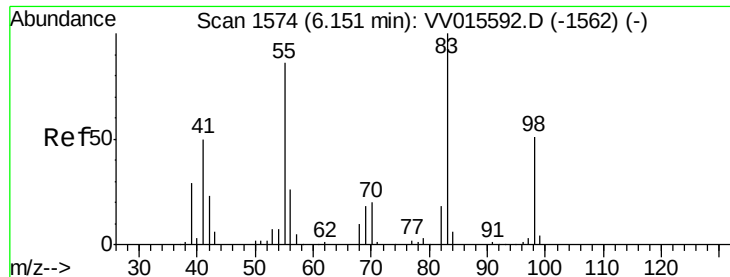


#27

1,2-Dichloroethane
 Concen: 0.090 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: VV015607.D
 Acq: 21 Apr 2020 17:50

Tgt Ion: 62 Resp: 1073
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#





#35

Methvlcvclohexane

Concen: 0.636 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015607.D

Acq: 21 Apr 2020 17:50

Instrument :

MSVOA_V

ClientSampleId :

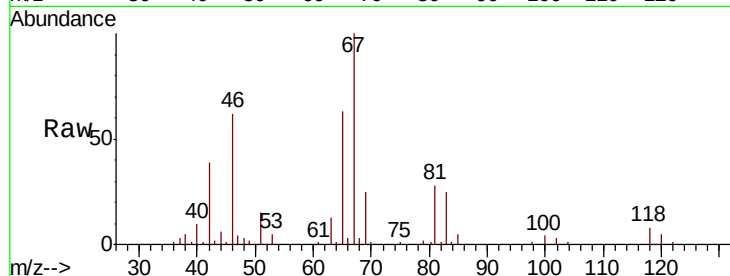
Tot Ion: 83 Resp: 11110

Ion Ratio Lower Upper

83 100

55 0.0 66.6 99.8#

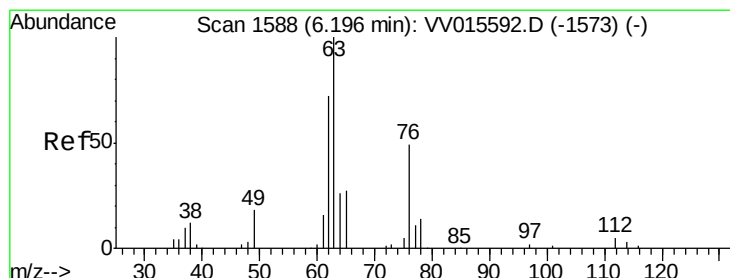
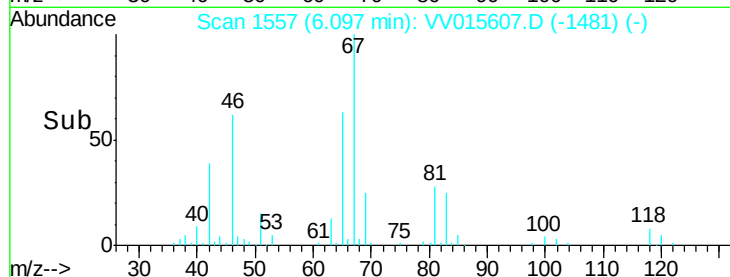
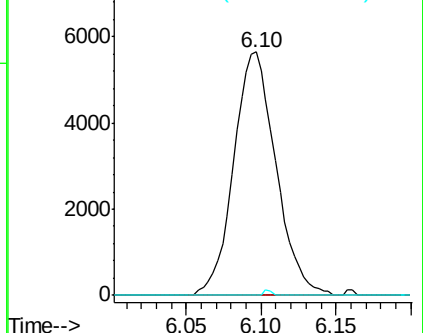
98 0.4 38.7 58.1#



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: 0.607 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015607.D

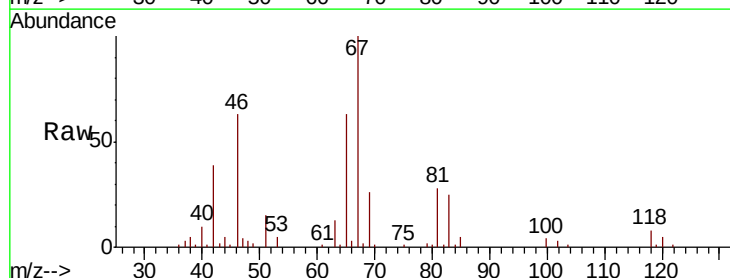
Acq: 21 Apr 2020 17:50

Tgt Ion: 63 Resp: 5807

Ion Ratio Lower Upper

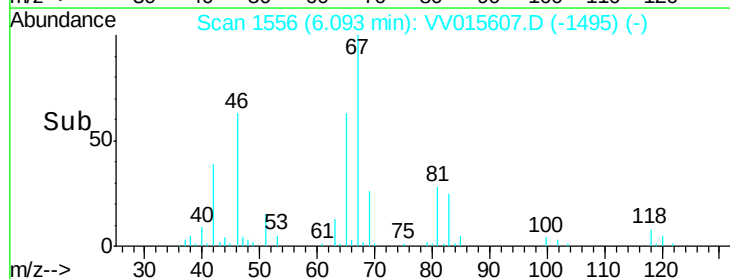
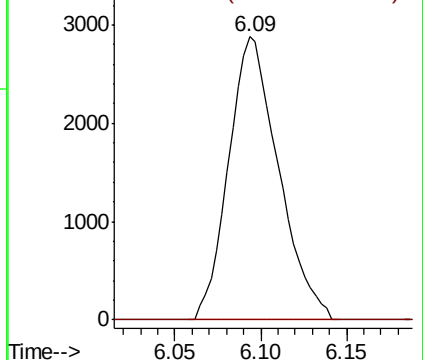
63 100

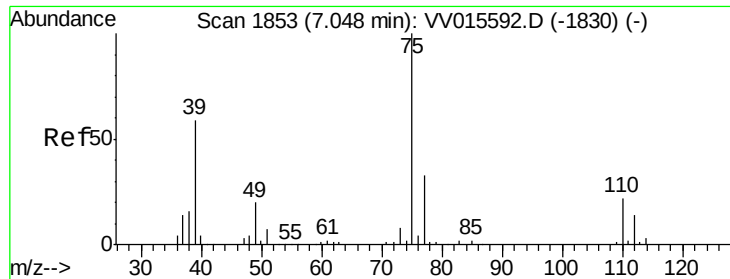
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



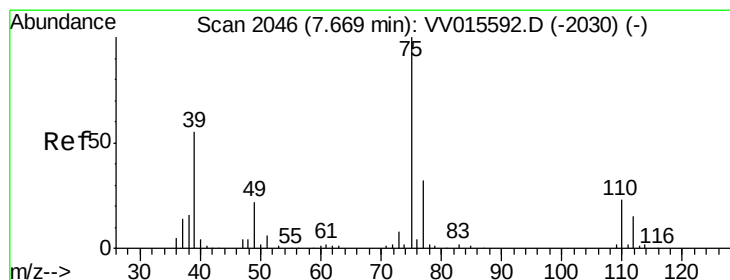
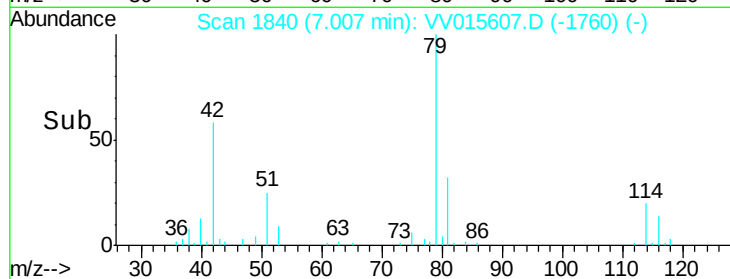
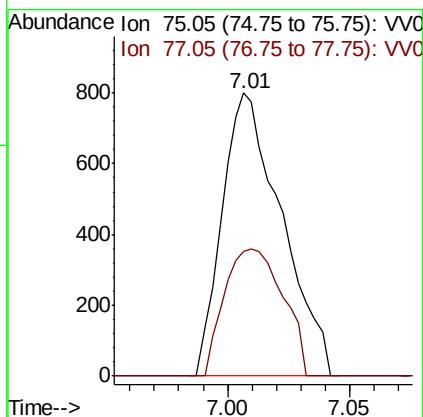
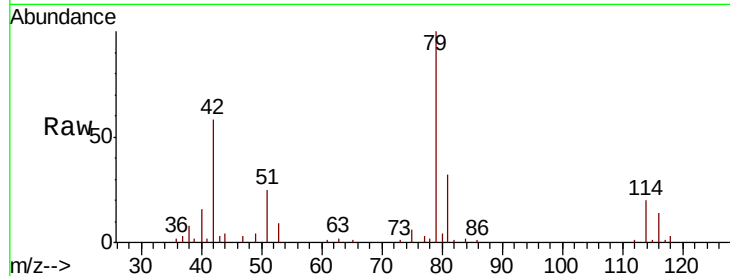


#39

cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015607.D
 Acq: 21 Apr 2020 17:50

Instrument :
 MSVOA_V
 ClientSampleId :

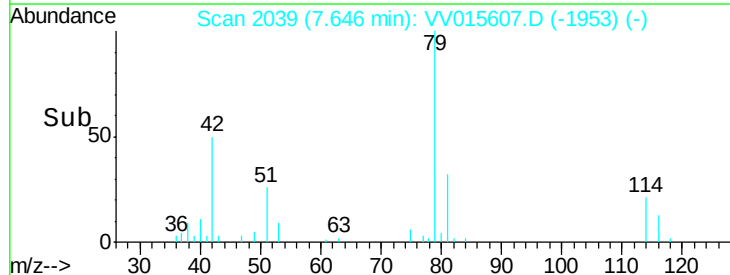
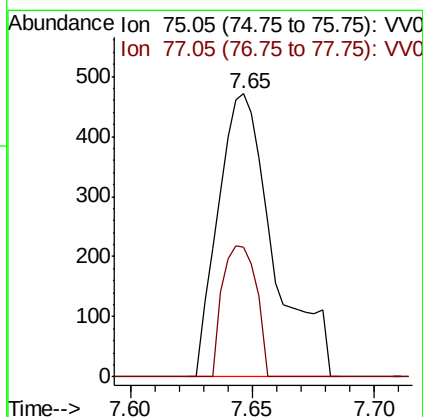
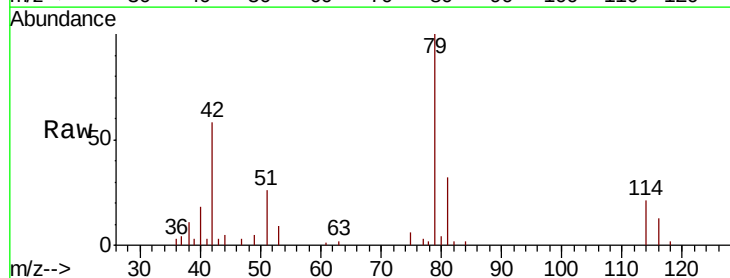
Tot Ion: 75 Resp: 1352
 Ion Ratio Lower Upper
 75 100
 77 44.1 23.0 42.6#

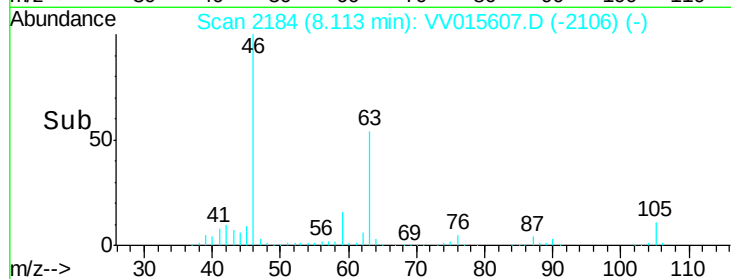
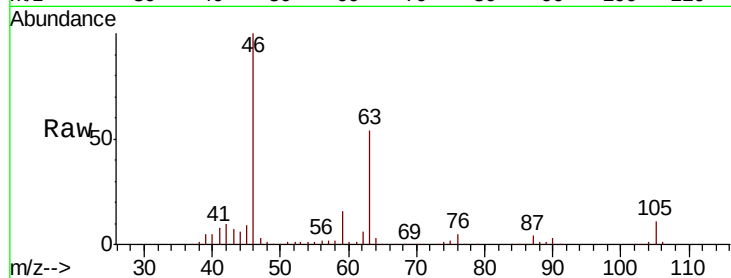
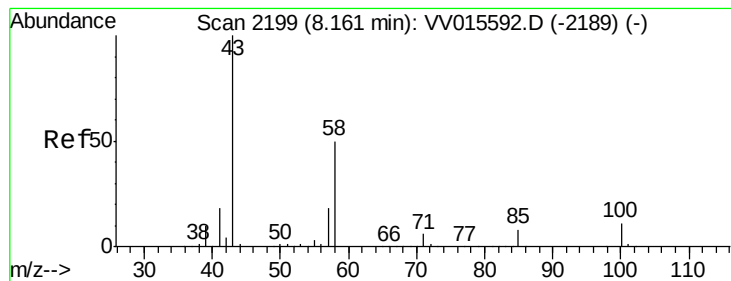


#44

trans-1,3-Dichloropropene
 Concen: 0.060 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.02 min
 Lab File: VV015607.D
 Acq: 21 Apr 2020 17:50

Tgt Ion: 75 Resp: 746
 Ion Ratio Lower Upper
 75 100
 77 46.1 21.0 39.0#





#48

2-Hexanone

Concen: 2.632 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015607.D

Acq: 21 Apr 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	11545
Ion	Ratio	Lower	Upper
43	100		
58	30.1	41.4	62.0#
57	23.1	15.0	22.4#
100	0.0	9.4	14.2#

