

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015720.D
 Acq On : 27 Apr 2020 11:41
 Operator : SY/MD
 Sample : L2416-04DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 02:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	129804	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124690	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27401	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.58	69	28479	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.12	63	45059	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.94	46	111828	51.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.68%
24) Chloroform-d	4.38	84	75245	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	45311	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.08	84	140033	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.10	67	45425	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.34	98	124450	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.65	79	14462	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.11	63	82110	45.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33542	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	49161	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

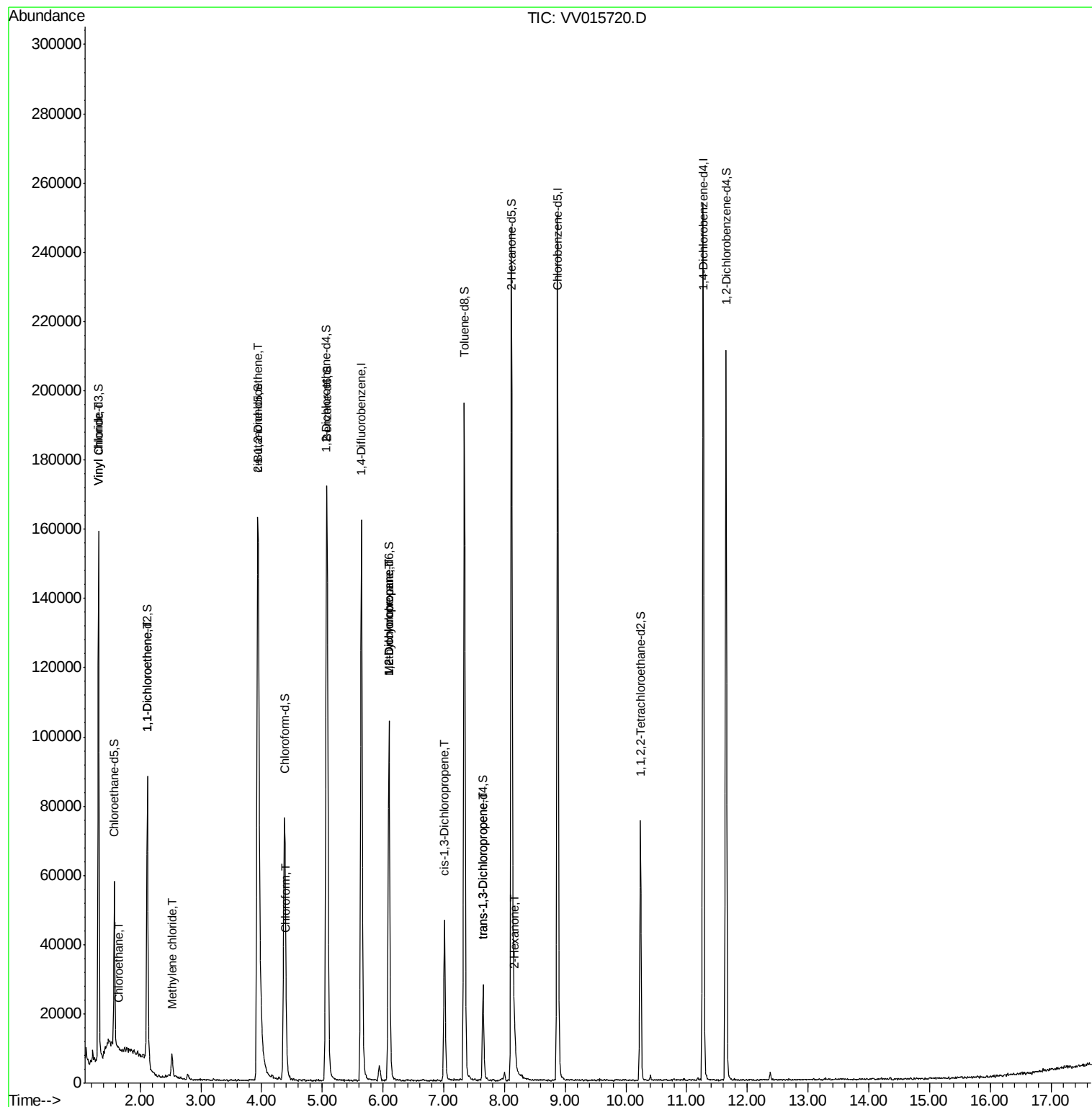
					Ovalue
5) Vinyl chloride	1.32	62	69340	6.750 ug/L	99
8) Chloroethane	1.65	64	725	0.107 ug/L #	56
12) 1,1-Dichloroethene	2.13	96	642	0.085 ug/L #	1
16) Methylene chloride	2.52	84	2345	0.251 ug/L	90
22) cis-1,2-Dichloroethene	3.94	96	60736	6.494 ug/L	97
25) Chloroform	4.41	83	2445	0.139 ug/L	99
35) Methylcyclohexane	6.10	83	11568	0.766 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5903	0.652 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1224	0.097 ug/L #	46
44) trans-1,3-Dichloropropene	7.64	75	786	0.074 ug/L #	66
48) 2-Hexanone	8.17	43	6266	1.495 ug/L #	86

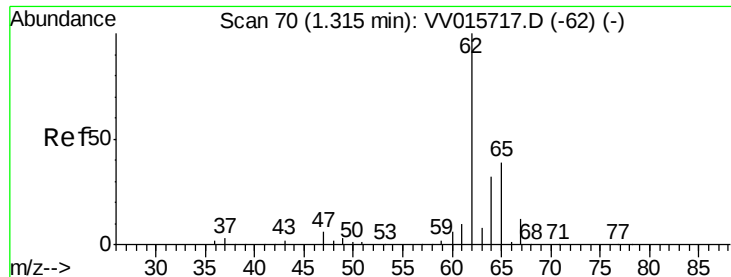
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 27 Apr 2020 11:41
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Misc : 25.0mL/MSVOA V/WATER
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Quant Time: Apr 28 02:18:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.750 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015720.D

Acq: 27 Apr 2020 11:41

Instrument :

MSVOA_V

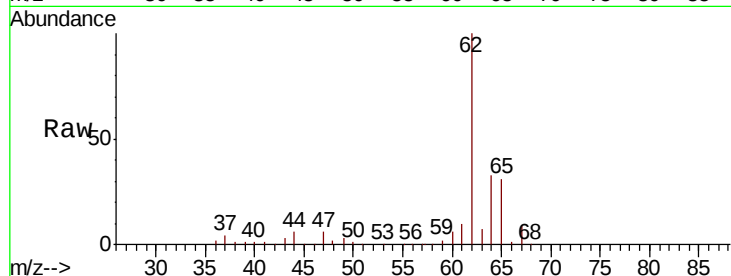
ClientSampleId :

Tot Ion: 62 Resp: 69340

Ion Ratio Lower Upper

62 100

64 32.8 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV015717.D (-62) (-)

Ion 64.10 (63.80 to 64.80): VV015717.D (-62) (-)

1.32

60000

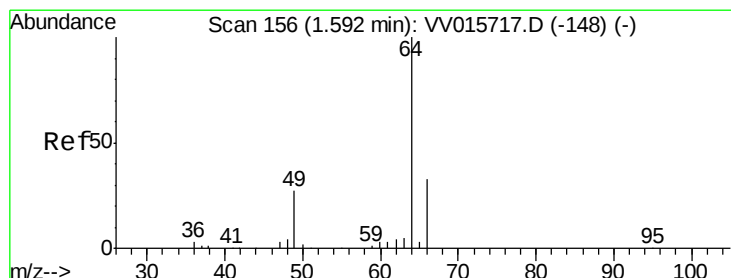
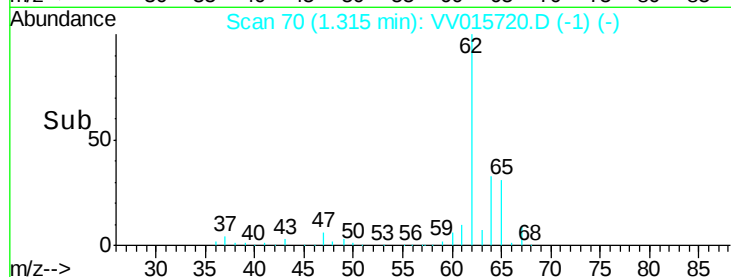
40000

20000

0

Time-->

1.25 1.30 1.35 1.40



#8

Chloroethane

Concen: 0.107 ug/L

RT: 1.65 min Scan# 174

Delta R.T. 0.06 min

Lab File: VV015720.D

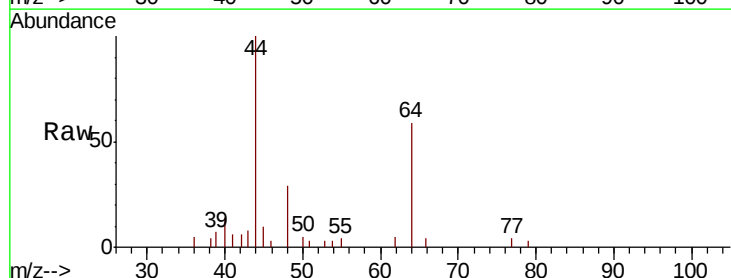
Acq: 27 Apr 2020 11:41

Tgt Ion: 64 Resp: 725

Ion Ratio Lower Upper

64 100

66 7.6 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV015717.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV015717.D (-148) (-)

2500

2000

1500

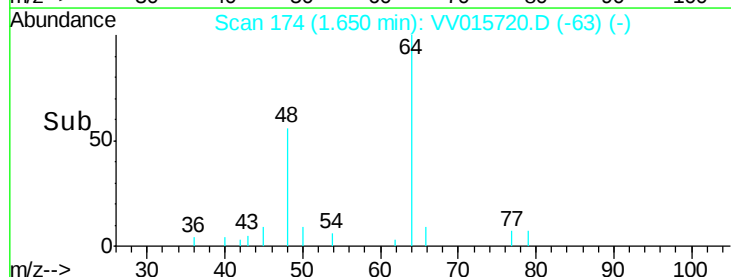
1000

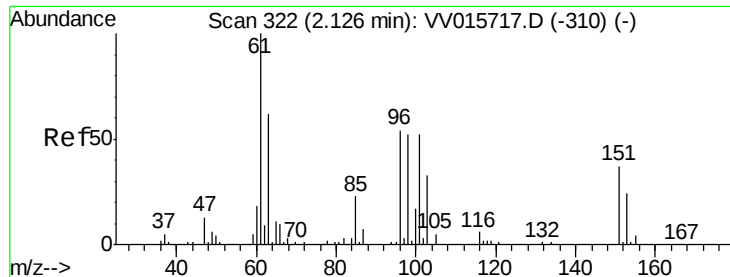
500

0

Time-->

1.64 1.66 1.68





#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015720.D

Acq: 27 Apr 2020 11:41

Instrument :

MSVOA_V

ClientSampleId :

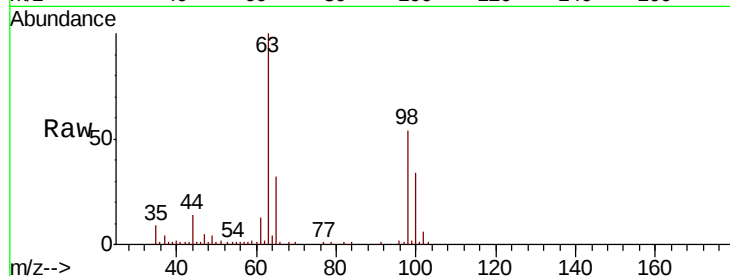
Tot Ion: 96 Resp: 642

Ion Ratio Lower Upper

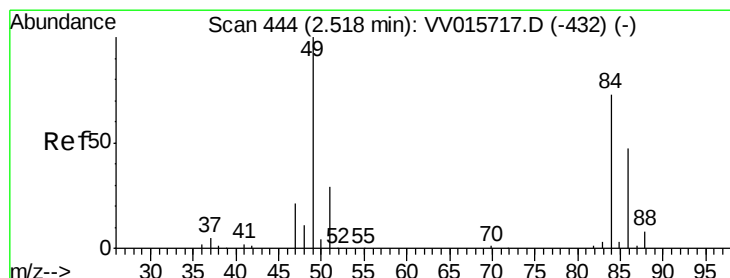
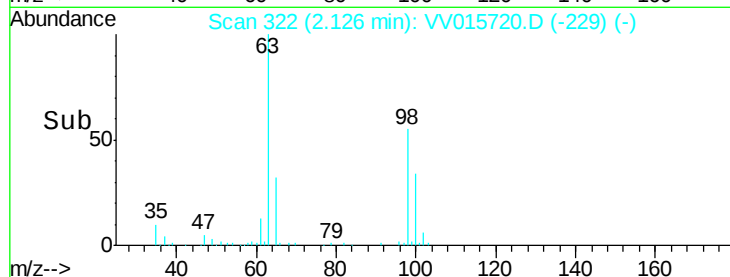
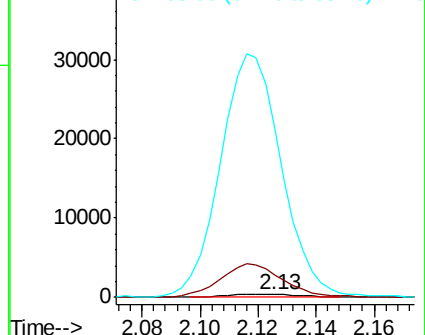
96 100

61 797.5 130.1 241.7#

63 6002.3 91.4 169.8#



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



#16

Methylene chloride

Concen: 0.251 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.01 min

Lab File: VV015720.D

Acq: 27 Apr 2020 11:41

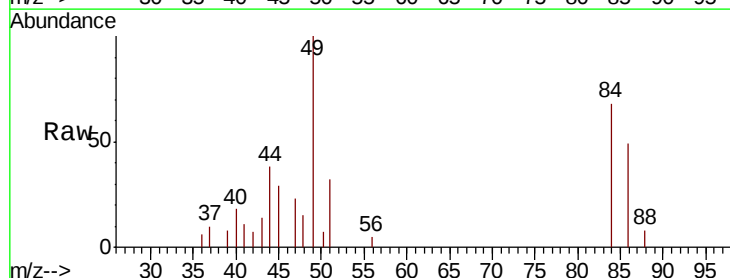
Tgt Ion: 84 Resp: 2345

Ion Ratio Lower Upper

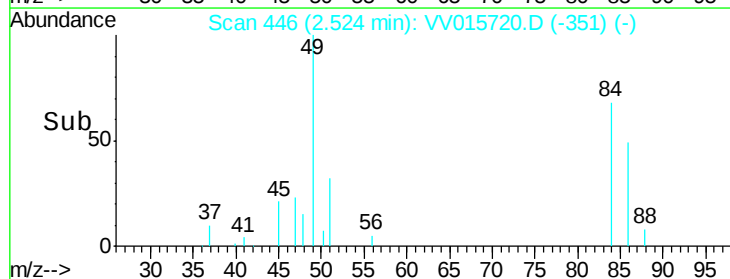
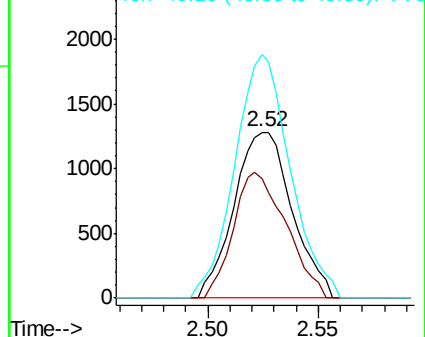
84 100

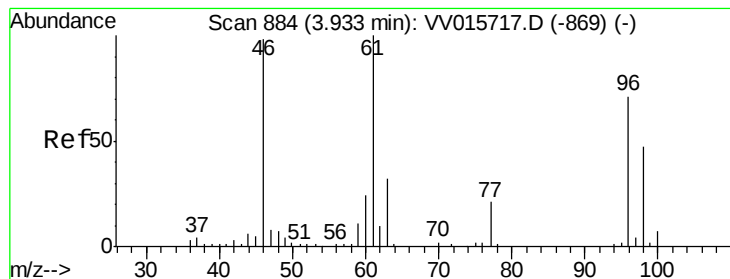
86 71.9 45.1 83.7

49 146.9 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0



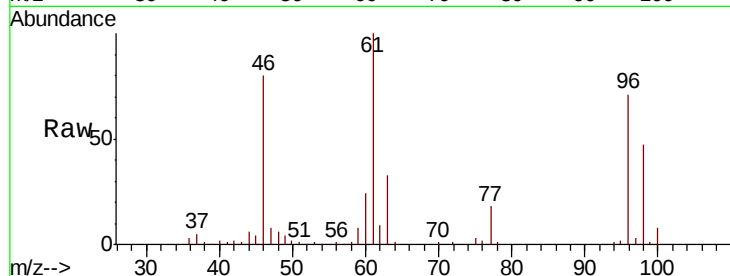


#22

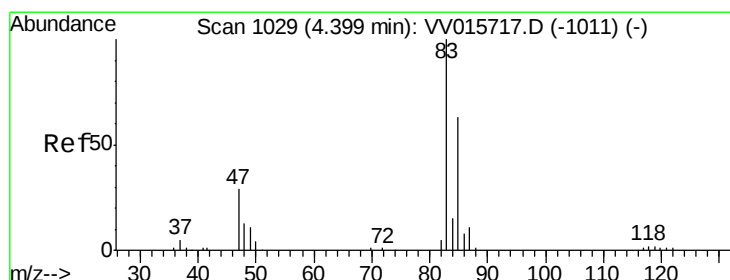
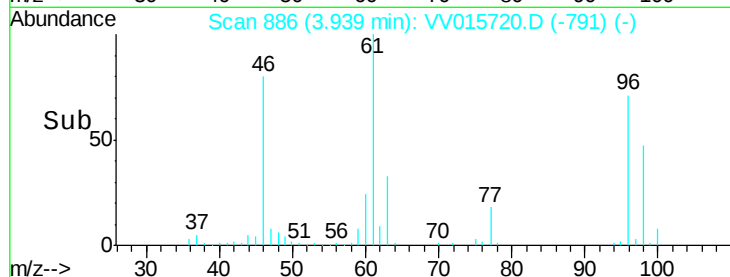
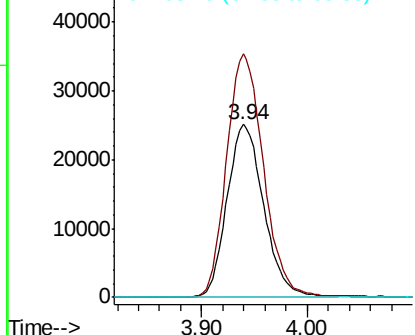
cis-1,2-Dichloroethene
Concen: 6.494 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015720.D
Acq: 27 Apr 2020 11:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 60736
Ion Ratio Lower Upper
96 100
61 141.1 96.4 179.0
68 0.0 0.0 0.0



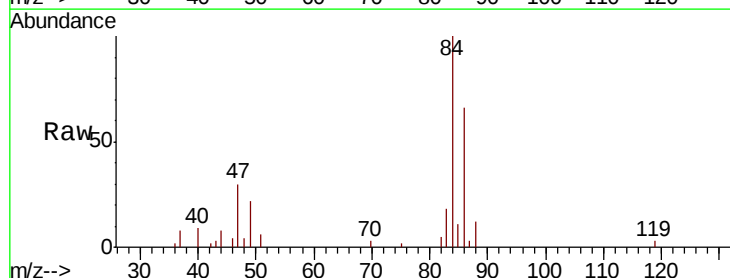
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



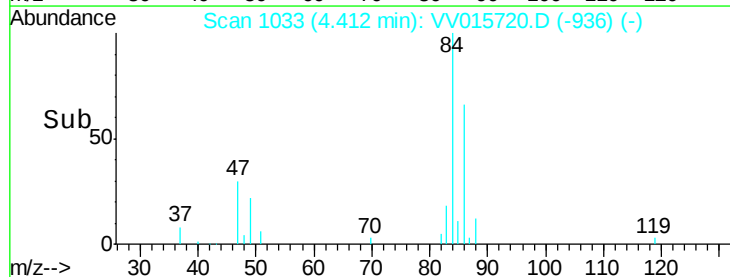
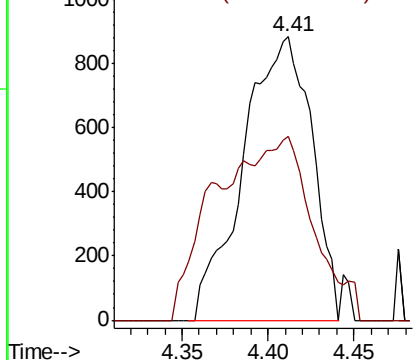
#25

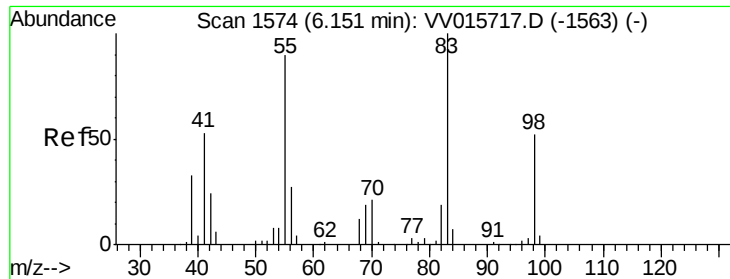
Chloroform
Concen: 0.139 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV015720.D
Acq: 27 Apr 2020 11:41

Tgt Ion: 83 Resp: 2445
Ion Ratio Lower Upper
83 100
85 64.8 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

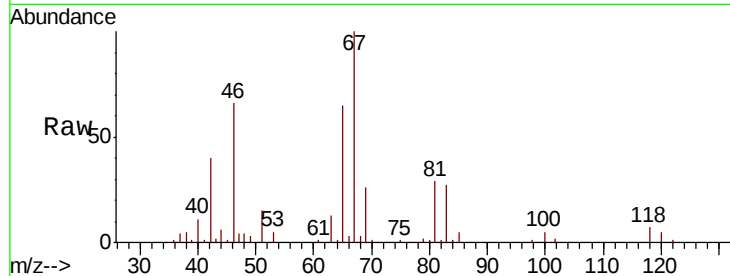




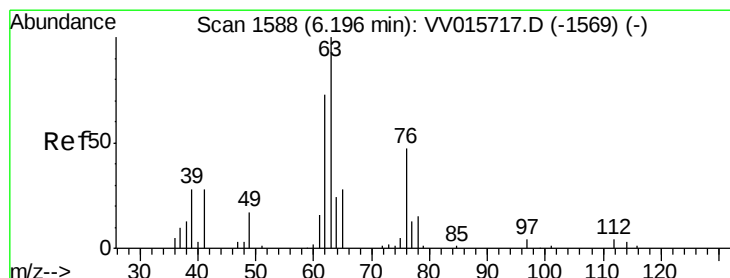
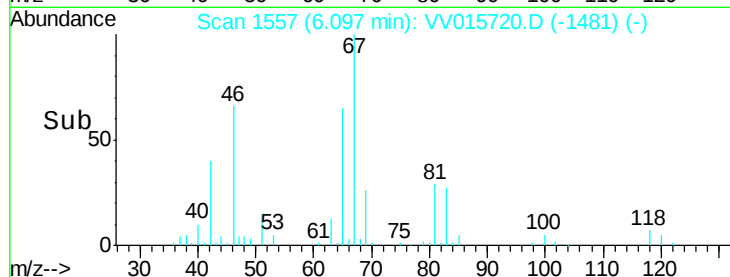
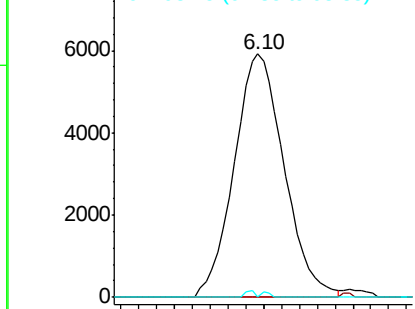
#35
Methvlcvclohexane
Concen: 0.766 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015720.D
Acq: 27 Apr 2020 11:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11568
Ion Ratio Lower Upper
83 100
55 0.4 66.6 99.8#
98 0.4 39.5 59.3#

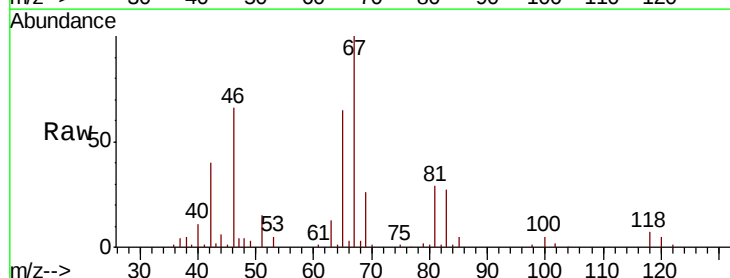


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

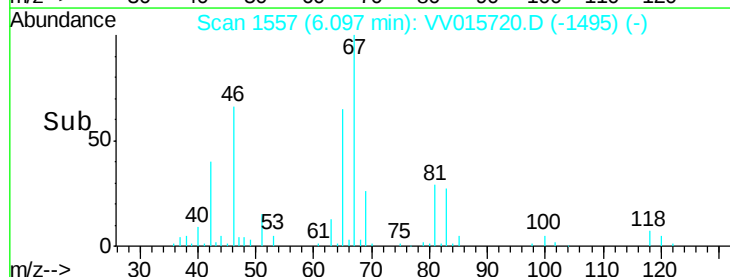
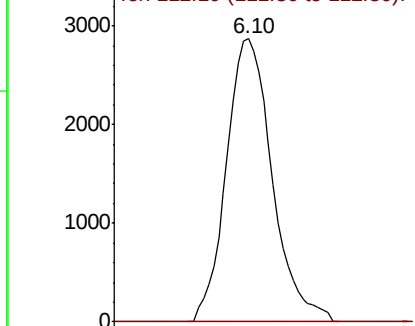


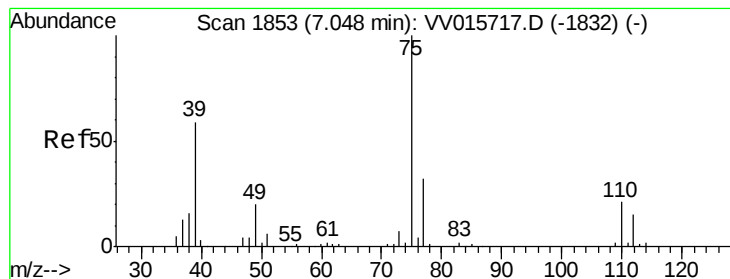
#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015720.D
Acq: 27 Apr 2020 11:41

Tgt Ion: 63 Resp: 5903
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



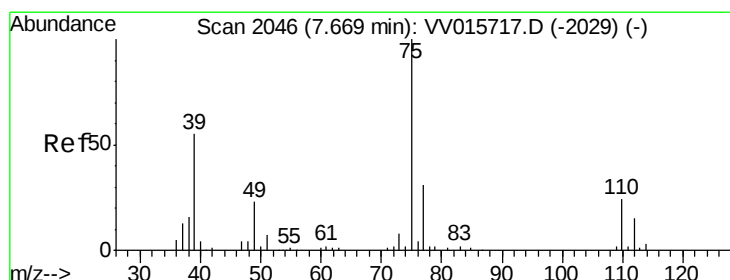
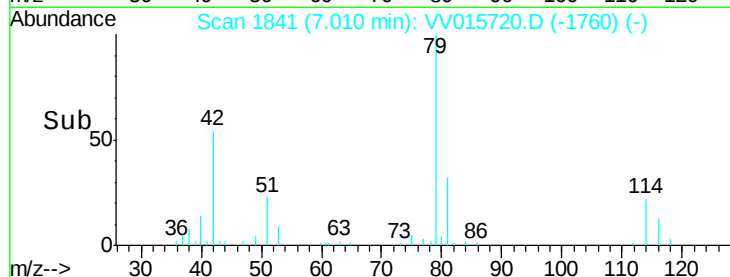
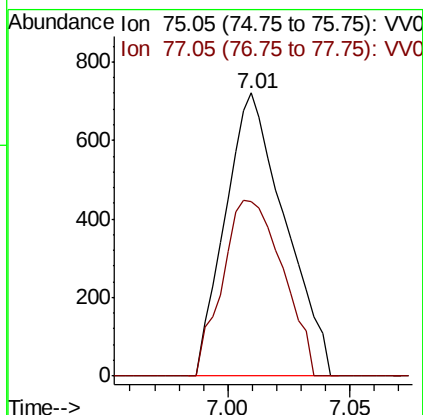
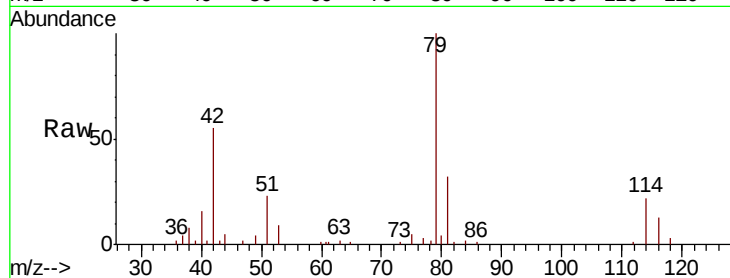


#39

cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015720.D
Acq: 27 Apr 2020 11:41

Instrument :
MSVOA_V
ClientSampleId :

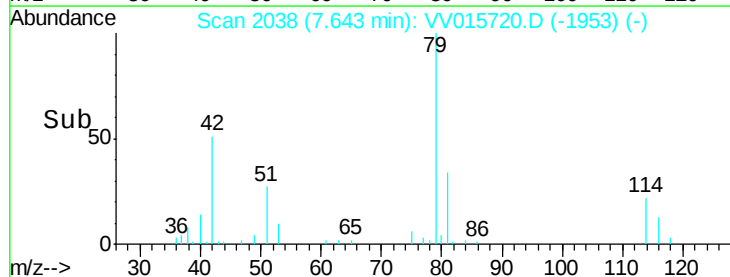
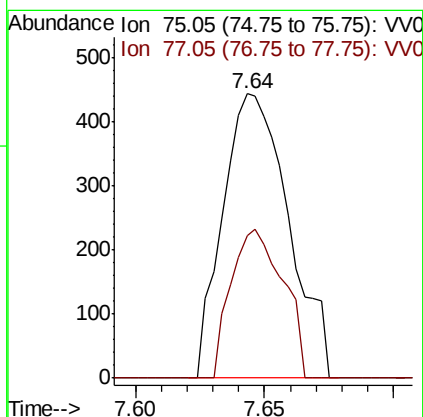
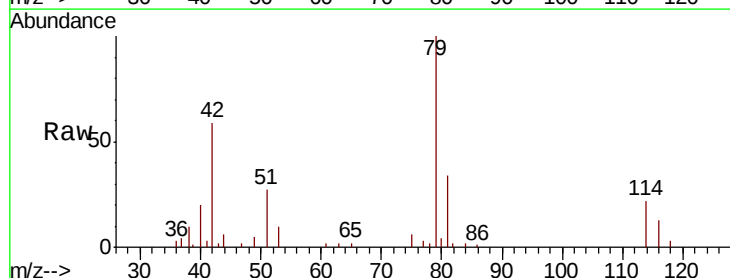
Tot Ion: 75 Resp: 1224
Ion Ratio Lower Upper
75 100
77 61.7 22.3 41.5#

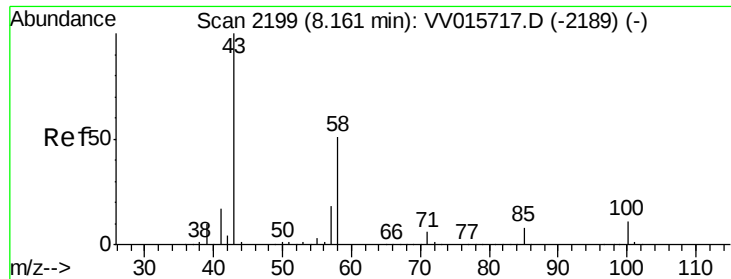


#44

trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015720.D
Acq: 27 Apr 2020 11:41

Tgt Ion: 75 Resp: 786
Ion Ratio Lower Upper
75 100
77 49.9 21.8 40.6#





#48
 2-Hexanone
 Concen: 1.495 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV015720.D
 Acq: 27 Apr 2020 11:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 6266
 Ion Ratio Lower Upper
 43 100
 58 47.7 41.1 61.7
 57 3.5 15.0 22.4#
 100 4.2 9.0 13.4#

